

MLURI



THE LAND COVER OF SCOTLAND 1988

FINAL REPORT

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THE MACAULAY LAND USE RESEARCH INSTITUTE, ABERDEEN

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1. Introduction

1.1 Aim of report

The aim of this report is to provide a technical background to, and a standard reference for, the Land Cover of Scotland 1988 dataset (LCS88).

1.2 Intended audience

The report is written specifically for readers with a technical interest in the LCS88 dataset. It assumes some knowledge of mapping procedures, methods for capturing, storing and analysing mapped data through use of Geographic Information Systems (GIS), and some knowledge of map validation procedures. In order to accommodate a more general interest readership, technical terms are defined throughout and a glossary is provided. However, readers who are only concerned with gaining a broad overview of the dataset and associated land cover statistics are referred to the summary report (MLURI, 1993a).

1.3 Scope of report

The report provides a background to the Land Cover of Scotland project. It reviews land cover mapping in general and describes the land cover classification system adopted for the LCS88 project. In order that this system can be related to other existing land cover classification schemes in Great Britain, a section is devoted to comparisons. The procedures adopted for interpretation, digitising and validating the data are described, with a technical section providing additional information on validation and general issues of uncertainty in spatial data. Also included is a preliminary statistical report, derived from analysis of the dataset, accounting for the land cover of Scotland on a national, regional and district basis. A section on data publishing is included to provide background to both general issues of data accessibility and the specific arrangements developed for the LCS88 dataset.

The report has been written in such a way as to take account of current research issues in

geography, particularly in relation to the use of GIS. However, the project did span a period of very rapid transition between conventional mapping procedures and computer-oriented spatial databasing procedures. The final section of the report looks forward to how a future land cover survey of Scotland might take greater advantage of these new developments in geographic information science.

1.4 Overview of the Land Cover of Scotland survey

The Land Cover of Scotland survey was announced in May 1987, by the then Under Secretary of State, Mr Michael Ancram. The decision to produce the first detailed census of the land cover of Scotland, resulted from increasing concern about the nature and rate of land use change in rural Scotland, and the need for objective baseline data on which to base future rural land use policy.

The project was in three main phases. The first phase involved obtaining medium scale aerial photography for the whole of Scotland (1987-89), and was undertaken by commercial contractors, principally Geonex Jasphot Ltd, with quality control by Mason Land Surveys Ltd. The second phase involved the interpretation of this photography to extract the land cover information and the subsequent creation of a digital dataset (1989-93). The final phase was a ground validation of the data. The second and third phases were carried out by staff of the Macaulay Land Use Research Institute (MLURI), and the Scottish Agricultural Statistics Service (SASS).

The project was co-ordinated by a Steering Group comprising the sponsoring agencies, The Scottish Office Environment Department (SOEnD), The Scottish Office Agriculture and Fisheries Department (SOAFD), Nature Conservancy Council and Countryside Commission for Scotland (now merged as Scottish Natural Heritage — SNH) and the

Forestry Commission (FC), together with MLURI. As principal sponsors SOEnD (formerly The Scottish Development Department (SDD)) provided both chairman and secretary to the Steering Group.

The project has produced the first-ever national medium-scale (1:25 000) digital land cover map in Europe. Its production represents a landmark in development towards the production of a high resolution environmental resource database for Scotland, a database capable of exploiting the true potential of GIS for supporting policy development and appraisal from local to national contexts.

2. Background to the Land Cover of Scotland project

2.1 Aim

The aim of this section is to provide a brief historical background to the LCS88 project and to outline the role of the Coppock and Kirby (1987) consultancy in prescribing the methodology adopted.

2.2 History of the LCS88 project

The LCS88 project has to be seen against a background of increasing change, and pressure for change, in the Scottish countryside during the 1970s and 1980s. Although this manifested itself through local development issues, it highlighted a general lack of information about the state of the countryside in Scotland. Such information was seen as a necessary element in the formulation of a range of policies relating to the Scottish countryside.

This lack of information relating to the countryside was not a peculiarly Scottish phenomenon. The need for such data had been recognised by Sir Dudley Stamp in the 1930s (Stamp, 1962). However, the apparently accelerated rate of countryside change in the 1970s led to a renewed effort to obtain such information. Between 1976 and 1986 there were some nine initiatives within Great Britain to provide baseline and/or countryside change information. These are listed in Table 2.1. Only three of these covered rural Scotland (those sponsored by FC, ITE and SNH) and none of these provided a census of Scotland's land area. The FC survey was concerned only with woodlands and trees, whilst the ITE and SNH studies adopted sampling approaches using field survey and aerial photogrammetric methods respectively.

<i>Sponsor</i>	<i>Agency</i>	<i>Dates</i>	<i>Title</i>	<i>Coverage</i>
DoE	Fairey Surveys	1976-78	Developed land of England and Wales (aerial photography)	England and Wales
DoE	AEA Harwell	1977-80	Developed land of England and Wales (Landsat MSS)	England and Wales
NCC	University of Edinburgh	1978-80	Agricultural change in lowland Scotland	Scotland (part)
FC	Forestry Commission	1979-80	Census of woodlands in Great Britain	Great Britain
ITE/DoE	ITE	1978-present	Countryside Survey (survey and resurvey of sample of 508 1 km squares)	Great Britain
NCC/CCS	NCC (now SNH)	1985-present	National Countryside Monitoring Scheme	Now Scotland
DoE/CC	Huntings and FC	1984-86	Monitoring landscape change in England and Wales	England and Wales
DoE	Roger Tym and Partners	1985	National land use stock survey (feasibility study)	Great Britain

Table 2.1 A selection of the UK national monitoring schemes commenced during 1976—1986 (after Kirby, 1992)

By the mid-1980s, The Scottish Office had decided that a baseline census, appropriate for monitoring future changes in the Scottish countryside, was required to permit authoritative statements about the use of the countryside or its changing appearance. Accordingly, independent consultants were asked to review the sources and approaches for monitoring change in the landscape of Scotland. This review was to include a critical assessment of all the existing GB initiatives and also to examine the potential role of new sources of data (e.g. Landsat Thematic Mapper).

The consultants, Professor T. Coppock and Dr R. Kirby of Edinburgh University Department of Geography, presented their report in March 1986 (subsequently published by the SDD in 1987 - see Coppock and Kirby, 1987). A summary is presented here but readers are also referred to Kirby (1992) for additional information.

The consultants' remit was to:

- i) identify what data were already in existence on Scottish landscapes/land uses/habitats;
- ii) judge the usefulness of these data for monitoring, at a range of spatial scales, their value for quantifying change over the past 10-15 years;
- iii) identify what the major gaps were and what the most cost-effective way forward was (e.g. improvements to existing sources or surveys; practical new initiatives).

The consultants found that none of the existing sources of countryside information adequately fulfilled the requirements of The Scottish Office. After a thorough examination of all primary data sources (aerial photography, satellite imagery) in the context of the specific land cover features needing to be identified, the consultants came up with the following recommendations:

- i) for measuring historical landscape changes, aerial photography from the early 1970s and late 1980s would be most appropriate;
- ii) for measuring landscape changes in the future, aerial photography for the late 1980s would provide the most appropriate baseline, although future changes could be detected and measured using Landsat TM or related spaceborne sensing systems (e.g. SPOT).

It was clear from the consultants' study that aerial photography for the late 1980s would provide the most appropriate baseline data for both historical and future measurements of landscape change. However, the extent, scale and type of the photographic coverage required tighter specification.

The consultants specified that the photographic coverage should:

- i) provide complete coverage of Scotland including all the main island groups;
- ii) be acquired over at most two flying seasons if at all possible;
- iii) be at a scale of 1:24 000 (thus optimising the range of identifiable features and area coverage);
- iv) be in natural colour to maximise interpretability, although black and white was recognised as being more realistic on grounds of cost;
- v) conform to strict quality criteria regarding overlap, sidelap, contrast, cloud cover, etc.

These specifications set the ground rules for the actual aerial photographic programme begun in 1987. The details of this are reported in Chapter 4. However, the consultants also made certain recommendations with regard to both the interpretation of the acquired photography and also the future Scottish Office programme in relation to countryside monitoring. Specific recommendations included:

- i) the development of an appropriate land cover classification in relation to Scottish Office needs (this is discussed fully in Chapter 3);
- ii) reconsideration of the Scottish Office policy regarding the ordering of Landsat TM data, since an original policy of archiving all high quality scenes had lapsed;
- iii) the establishment of a regular 10 yearly cycle for monitoring countryside change in Scotland;
- iv) consideration of the future database requirements of The Scottish Office.

Actions were taken subsequently on several of these recommendations but these lie outside the scope of this report.

In closing, it should be noted that the consultants discounted the sampling methodologies adopted by the national countryside monitoring schemes run by ITE/DoE and NCC/CCS. Their reasons appeared to be twofold: first, that The Scottish Office requirements were more appropriately satisfied through a census methodology; second, and perhaps rather pragmatically, the consultants highlighted the impracticality of photographing pre-selected target sites as would be required for sampling purposes. The economics of aerial photography in Scotland strongly favoured total coverage.

The actual aerial photography, land cover classification system and creation of the land cover dataset are dealt with elsewhere in this report. However, one other consultancy study, commissioned by The Scottish Office, has some background relevance. This study is summarised below.

2.3 Investigation into the commercial aspects of the aerial survey of Scotland

In an attempt to establish the potential markets for the products of an aerial survey, the SDD commissioned a consultancy study by Environmental Resources Ltd. (ERL). This was completed in spring 1988.

The ERL report to the SDD recognised that the "aerial survey and digitisation programme has been designed and set up to meet the Department's particular objectives in countryside and land-use monitoring. Applications and commercial opportunities for use of the photographs and digital data, other than those which are encompassed by the Department's objectives, are limited".

The ERL report identified the 1:24 000 scale of the photography as the main limiting factor to commercial applications, suggesting that 1:10 000 scale photography was more appropriate to the "majority of aerial photograph users".

ERL also made certain recommendations regarding the scope of the land cover dataset and its spatial representation. In particular they suggested that features such as buildings and communications be included, again to make the dataset appeal to a wider potential user community.

The ERL recommendations were noted. It was impractical both for cost and other reasons to embark on a 1:10 000 national survey and localised 1:10 000 coverage (e.g. over population centres) involved complexities in the flying programme. Inclusion of buildings and communication features in the dataset were likewise seen to add considerably to the effort involved in the interpretation and data capture phases, and would in any case duplicate the Ordnance Survey's programme of map digitising during the late 1980s and early 1990s.

3. Land cover mapping, classification and comparisons with other initiatives

3.1 Aim

This chapter has four basic aims:

- i) to provide a background to land cover mapping in terms of issues and developments in GIS;
- ii) to outline the conceptual approach used in developing the LCS88 classification;
- iii) to present the classification system and land cover feature definitions;
- iv) to provide a framework for comparing the LCS88 classification system with those used in contemporary survey initiatives (e.g. National Countryside Monitoring Scheme (NCMS)).

3.2 Land cover mapping

3.2.1 What is it?

Land cover mapping is concerned with describing "the vegetational and artificial

constructions covering the land surface" (Burley, 1961), whereas land use mapping is concerned with "man's activities on land which are directly related to the land" (Clawson and Stewart, 1965). Land use can only be indirectly inferred from land cover.

3.2.2 The importance of the user

Conceptually there is a wide range of appropriate approaches to land cover mapping from detailed ground surveys to reconnaissance satellite image interpretation. These are reviewed by Anderson *et al.*, (1976) and by Aldrich, (1979). Appropriateness is defined by the user. This means that there is no definitive approach. Once the user has defined their needs then it is possible to identify likely candidate approaches (see Aldrich, 1979 specifically his Appendix B and Table 3.1 below). It should be noted that because the detection/measurement of features is strongly dependent upon "photo-scale", it can be expected that surveys which

Data users' requirements			Current recommendations			
Data requirement			Ground resolution	Smallest scale Detection Measurement	Film type	Platform
Forest						
a. Trees						
	i) species	0.1	5 000	2 500	Colour	LAA ¹
	ii) seedlings	0.1	5 000	2 500	Colour	LAA
	iii) saplings	0.3	12 000	6 400	CIR	LAA
			20 000	9 600	Colour	MAA/LAA
b. Poles & sawtimber			1.0	64 000	CIR	HAA
				125 000	Colour	HAA
c. Mature			1.0	64 000	CIR	HAA
				125 000	Colour	HAA
d. Stands			30	1 500 000	Colour	SAT

Table 3.1 Platform/film/scale requirements to enable detection/measurement of specified ground features. Table modified after Aldrich (1979), Appendix B, using only forest as an example

¹Letters LAA, MAA, HAA refer to low, medium or high-altitude aircraft platforms; SAT indicates satellite platform

demand a wide range of targets be detected from a single data source will be subject to a wide range of classification accuracies.

3.2.3 Classification systems

Reality is complex. Classification systems attempt to reduce this complexity so that categories with known characteristics can be consistently identified. In all classification systems it is assumed that variability is less within classes than between them. Well-founded classification systems use standard criteria for allocating new members to established classes. Land cover classification has not been subject to any standardisation procedures in the UK, and each survey has tended to develop its own classification system and class definitions. This experience is to be contrasted with the United States where Anderson *et al.*, (1976) proposed a standard "Land Cover Classification System for Use with Remote Sensor Data" in the mid-1970s. This is a four-level hierarchical classification system where the accuracy levels for classification are set at an 85% minimum, and each level requires a *different* data source (Tables 3.2 and 3.3).

Classification level	Typical data characteristics
I	LANDSAT
II	High altitude data (less than 1:80 000)
III	Medium altitude data (1:20 000 to 1:80 000 scale)
IV	Low altitude data (more than 1:20 000)

Table 3.2 The links between classification level and data source proposed by Anderson *et al.*, (1976)

In general, hierarchical classification systems, of the type proposed by Anderson *et al.*, are used in land cover mapping in the UK and Europe (e.g. CORINE). Although such a system was used in the LCS88 project (see Section 3.3), it was an *ad hoc* one and the lack of rigorous and accepted standards in land cover classification in the UK remains a source of concern. Further, in order to maintain

1 Urban or built-up land	11 Residential
	12 Commercial and services
	13 Industrial
	14 Transportation, communications, and utilities
	15 Industrial and commercial complexes
	16 Mixed urban or built-up land
	17 Other urban or built-up land
2 Agricultural land	21 Cropland and pasture
	22 Orchards, groves, vineyards, nurseries, and ornamental horticultural areas
	23 Confined feeding operations
	24 Other agricultural land
3 Rangeland	31 Herbaceous rangeland
	32 Shrub and brush rangeland
	33 Mixed rangeland
4 Forest land	41 Deciduous forest land
	42 Evergreen forest land
	43 Mixed forest land
5 Water	51 Streams and canals
	52 Lakes
	53 Reservoirs
	54 Bays and estuaries
6 Wetland	61 Forest wetland
	62 Nonforested wetland
7 Barren land	71 Dry salt flats
	72 Beaches
	73 Sandy areas other than beaches
	74 Bare exposed rock
	75 Strip mines, quarries, and gravel pits
	76 Transitional areas
	77 Mixed barren land
8 Tundra	81 Shrub and brush tundra
	82 Herbaceous tundra
	83 Bare ground tundra
	84 Wet tundra
	85 Mixed tundra
9 Perennial snow or ice	91 Perennial snowfields
	92 Glaciers

Table 3.3 Land use and land cover classification system for use with remote sensor data (after Anderson *et al.*, 1976 Table 2)

consistent accuracy, the Anderson *et al.* approach requires a different data source for each level in the hierarchy. This was not done in the case of the LCS88 project, and it follows, therefore, that accuracy levels will decrease at lower levels in the hierarchy (see Chapter 5).

3.2.4 Conventional maps

Land cover information is normally encoded as points, lines or polygons on conventional maps. Irrespective of issues such as ease of data retrieval, the appropriateness of maps as a storage medium for land cover data has to be questioned. Consider the complexity of an area of semi-natural vegetation where there is considerable variability within communities and the boundaries between them are gradational. Mapping conventions require that boundaries be drawn that recognise neither the variability within the polygons nor the gradational nature of the boundaries between them, despite the fact that these may have been recognised in the interpretation procedure. The significance of these mapping constraints to the quantitative analysis of land cover data are assessed more fully in Chapter 5.

3.2.5. Spatial databasing and land cover variability

The constraints of maps as a means of representing land cover information were well recognised at an early stage in the LCS88 project. However, much research still needs to be done on more effective ways of capturing and storing such data. At this point, it is only worth highlighting the fact that although the LCS88 methodology was not able to take full advantage of spatial databasing technology for carrying information on boundary type (e.g. hard, soft) or the precise nature of within-polygon variability, it was possible to carry some information on the latter through the use of double codes, where the interpreter recognised mosaics of two land cover features.

3.3 Background to the LCS88 classification system

Because of the lack of appropriate standard land cover classification systems in the UK

(Section 3.2.3), and the particular needs of the sponsoring agencies (SOEnD, SOAFD, NCC and CCS), it was necessary to develop a separate classification system and standard definitions for the LCS88 project.

The classification system was developed primarily by Dr John Miles of SOEnD and the late Mr Cyril Bown of MLURI, and refined through consultation with the other sponsors. The classification recognises the principal data needs of the sponsors in relation to information on semi-natural land cover features. Further, it acknowledges the limitations of the 1:24 000 scale photography as a source of some relevant information. For example, hedges and hedgerows were specifically excluded because they could not be consistently identified from this scale of photography (Section 3.2.2).

On the basis of the above, a hierarchical classification system was developed which recognised principal, major and main land cover features, and appropriate sub-categories (see Table 3.4). The greatest detail, at the lowest level in the hierarchy, relates to natural features (rockiness, presence of scattered trees, peat erosion, etc.) and management factors (muirburn, ploughing for afforestation, tree felling); these are identified as being present or absent.

Three types of features were recorded: point, line and polygon. The minimum size of mapping unit varied according to land cover feature. For example, all woodlands possessing greater than 50% cover by tree crowns were recorded as polygons if their area exceeded 2 ha; patches of woodland, less than 2 ha but with more than 10 trees, were recorded as points.

The minimum mapping criteria and land cover feature definitions are provided in Section 3.4. However, it is important that the reader is made aware of the use of the concept of mosaics in the LCS88 project.

3.3.1 Mosaics

In order to accommodate mixtures of land cover features that were evident, but below the minimum mapping unit thresholds, the concept of mosaics was introduced into the classification system.

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<i>Principal features</i>	<i>Major features</i>	<i>Main features</i>	<i>Sub-categories based on</i>
Farms and developed rural land	Isolated farmsteads and other buildings Miscellaneous developed features	Isolated farms etc. Factories Airfields Golf courses Cemeteries Recreational land	with trees with no trees
Bare ground	Miscellaneous bare ground	Cliffs, bare rock crags and screes Quarries and opencast Bings and refuse tips Paths Hill roads Water	mapped areas, lines or points
Miscellaneous features	Built-up land Transport features in a rural context Cloud or shadow-obscured areas Snow-obscured areas Ski areas Estuary, below normal tidal limit No photo cover	Road Rail	
Woodland	Coniferous woodland Undifferentiated broadleaved woodland Undifferentiated mixed woodland Undifferentiated low scrub Rhododendron scrub Management features	Plantations Semi-natural Broadleaved woodland Mixed woodland Undifferentiated low scrub Rhododendron scrub Management features	mapped areas lines of trees clumps of trees recently ploughed land former woodland recently felled open canopy young plantation land recently 'ripped' for afforestation
Agricultural land	Agricultural land	Improved pasture Arable land	rock outcrops scattered trees clustered farmsteads
Semi-natural ground vegetation	Heather and dwarf shrub heathland	Dry heather moor Wet heather moor Undifferentiated heather moor	muirburn rock outcrops scattered trees

Table 3.4 Land cover features for interpretation

continued on next page

Table 3.4 Land cover features for interpretation (continued)

Principal features	Major features	Main features	Sub-categories based on
Semi-natural ground vegetation (continued)	Undifferentiated coarse grasslands	Undifferentiated coarse grasslands	rock outcrops scattered trees
	Smooth grasslands	Smooth grasslands with rushes Smooth grasslands with low scrub Undifferentiated smooth grasslands Undifferentiated bracken	rock outcrops scattered trees
	Blanket bog and other peatland vegetation	Blanket bog with dubh lochans Undifferentiated blanket bog	erosion scattered trees undifferentiated blanket bog mechanised exploitation domestic exploitation
	Undifferentiated salt marshes	Undifferentiated salt marshes	scattered trees
	Maritime grasslands and heaths	Maritime grasslands and heaths	
	Wetlands	Wetlands	scattered trees drains
	Dunelands	Bare dunes Partially stabilised dunes Links with grassland Links with heathland	
	Montane vegetation	Undifferentiated montane vegetation	erosion rock outcrops

Mosaics are defined as visible mixtures of two land cover features where the total area of each is below the minimum mapping unit for separate identification. A mosaic is shown by using the two codes for the individual components. The first code is the primary feature in the mosaic (i.e. it occupies the largest area); the second code is the secondary feature. No record is kept of relative importance (extent, intermixture) of each feature beyond the dominant/sub-dominant distinction. Where mosaics occur with three or more land cover features only the two most dominant are recognised.

The use of mosaics in the LCS88 project expanded the number of features from 126 to 1323. Many of these mosaics proved to be nationally important, particularly those including heather moorland, whilst others have been found to be of highly localised importance (e.g. arable/dune mosaics in the Western Isles).

In the full dataset some 354 single or mosaic features occupy 99% of the land area of Scotland (c. 78 000 km²). The remaining 1% (c. 800 km²) is made up of some 969 different features.

3.3.2 Other expansions of the classification system

The initial classification system proved through use to be comprehensive and robust. No alterations to the framework were made during the course of the interpretation; however, a limited number of extra features were added (e.g. land recently "ripped" for afforestation).

3.4 Interpreted land cover features

Sections 3.4.1 — 3.4.8 below provide a description of the land cover features identified, minimum mapping unit criteria, and criteria for the features to be identified as lines or points.

The digital codes appear in brackets after the feature name. A full list of the 126 individual features and codes is given in Appendix A, Table A.1. A full list of mosaic codes is given in Appendix A, Tables A.2 and A.3.

3.4.1 *Farms and developed rural land*

Isolated farmsteads and other buildings (1,2):

Isolated buildings were taken to include all farms, farm cottages, residences or other buildings in the countryside not contiguous with, or part of, built-up areas. Buildings with associated trees were recorded as points (1 with no trees; 2 with trees) but if the trees occupied more than 2 ha they were mapped separately as woodland. The upper limit for the area of groups of buildings is 5 ha. Areas of buildings greater than 5 ha were classified as "built-up land" (20).

Factories (3): Factories were mapped where there was clear evidence of industrial use and include, for example, distilleries, sawmills, fish-processing plants and defence establishments. The minimum area for inclusion was 5 ha.

Airfields (4): Airfields, both in current use or abandoned, occurring either in the countryside or contiguous with built-up areas, are in this category. In some instances, the land cover around, or between, the runways was included in another class.

Golf courses (5): Golf courses in the countryside away from, or contiguous with, built-up areas are in this category.

The cutting patterns on fairways and greens, together with the presence of bunkers, can generally be distinguished along with the fairways as strips amongst the large area of rough. Links courses established amongst dunes were also included in this feature. As well as being recognised as sporting areas, golf courses are of considerable ecological value and have a mixture of cover types.

Consequently, these areas were often mapped as mosaics with a secondary land cover, for example trees (area, linear or point data) or semi-natural vegetation (area only).

Cemeteries (6): Cemeteries in rural situations, if more than 2 ha, were mapped as areal features, otherwise they were recorded as point features with the same code.

Recreational land (7): Wildlife parks, caravan sites and other recreational features were included in this category with areas mapped as discrete units if greater than 2 ha. Smaller areas were mapped as points with the same code.

3.4.2 *Bare ground*

This principal feature comprises a diversity of features without significant vegetation cover, other than developed land.

Cliffs, bare rock, crags and screes (10,11):

Areas greater than 2 ha were mapped (10), those less than 2 ha were recorded as linear features (11). Areas of rock and/or scree are generally recognisable by their distinctive pattern and pale tonal shade.

Quarries and opencast (12,13): Areas greater than 2 ha were mapped (12), smaller pits were represented as points (13). This unit includes quarries and gravel pits, both active and abandoned, but very small grassed-over depressions often represented on OS maps as "gravel pits" were excluded. Within flooded quarries greater than 2 ha, the water and quarry were mapped separately.

Bings and refuse tips (14,15): Mining and industrial spoil heaps with little vegetation cover, were mapped as areas, if greater than 2 ha (14), whereas those of less extent were represented as points (15).

Paths (16): In areas of semi-natural vegetation the lines of well-marked paths were delineated.

Hill roads (17): In areas of semi-natural vegetation beyond the "head dyke" of improved pasture, the line of un-metalled hill roads or tracks passable by vehicles was mapped. This did not apply to roads within forested areas.

Water (18,19): Areas of fresh water, principally lochs and reservoirs of more than 2 ha were mapped (18), with smaller bodies of water, 0.25 to 2.0 ha, represented as points (19). Rivers and canals greater than 50 m width, were included up to normal tidal limit. Where

the number of water bodies is large and realistic representation was impractical, mosaic units were mapped.

3.4.3 *Miscellaneous features*

Built-up land (20,29): Areas greater than 5 ha occupied by houses or other buildings constitute "built-up" land (20). Areas of playing fields, woods, parks, golf courses, etc. *within* the city boundary were also included within this feature. For small villages, occupying less than 5 ha, or lines of contiguous houses, a single code (29) was used for both line and point data.

Transport features, road and rail (21,22): Areas of motorway intersections, large roundabouts, or other road-related features, occupying more than 2 ha, were mapped. New roads currently not shown on the 1:25 000 Pathfinder Series maps were delineated. Areas of rail-related features, for example sidings and marshalling yards greater than 2 ha, were included (22).

Estuary, below the normal tide limit (24): Open water at river mouths/estuaries, between the normal tidal limit and where a river opens into an estuary of *circa* 300 m width or bounded by obvious headlands, was included in this feature.

No photo cover (25): Where, in isolated instances, photograph cover is missing, Code 25 was utilised. Examples of such gaps occur in Sutherland near Ben Klibreck (flightline 49, 059-055, and flightline 50, 204-257), central and east Southern Uplands (flightline 130, 151-142) and the northern tip of Shetland.

Cloud or shadow (26): Areas obscured by cloud or in deep shadow beneath steep cliffs or hill masses were mapped as 26.

Snow (27): Land covered, or predominantly covered, by snow patches at the time of photography was mapped as 27.

Ski areas (28): Ski-tows and land affected by piste development and use were mapped as 28.

3.4.4 *Woodland (70-87):*

Woodland is classified as coniferous trees, broadleaved trees (including tall scrub such as

birch, alder and willow) and woods of mixed species. A further feature of low scrub, including gorse, broom or juniper, was also mapped. Woodland areas are considered to have greater than 50% cover by tree crowns with mixed woods having at least 20% of conifers or broadleaved trees in the feature.

Where tree cover is less than 50% of an area the land is classified with the underlying ground cover as a sub-category with scattered trees. Individual trees were not recorded but if there were more than 2 trees per ha over more than 10 ha, a feature of ground cover with scattered trees was mapped. Recently felled woodland, prepared for tree planting and young plantations with canopies not closed, were all interpreted as separate features.

Size and form of woodland were also used in classification. Woodlands larger than 2 ha were mapped, but lines of trees less than 50 m wide and greater than 200 m long, with mainly contiguous crowns, were recorded as lines. Patches of woodland of less than 2 ha and with 6 or more trees were recorded as points.

Individual trees were not recorded but if there were more than 2 trees per ha over more than 10 ha, a category of ground cover with scattered trees was delineated.

Coniferous woodland: plantation (70-72): Plantations were mapped as 70 with linear and point features mapped as 71 and 72 respectively.

Conifers occur mainly as large plantations with well-defined edges and with trees of even age and height in regular rows. With the exception of larch plantations, photo tones are generally dark. In lowland areas, some plantations are fringed with broadleaved species with the latter mapped as a linear feature, with the appropriate code, if of sufficient length.

Coniferous woodland: semi-natural (73-75): Areas are coded as 73 and points as 75. Lines of trees (74) are generally confined to valleys and stream channels.

Semi-natural coniferous woodland is not generally extensive, but in certain areas it represents an important habitat. It consists principally of mature Scots Pine (*Pinus*

sylvestris) as in the remnants of the former Caledonian Forest. Although the dark rounded crowns are distinctive on air photographs they resemble, in some instances, broadleaved trees, for example beech or oak trees. However this category is confined to highland and upland areas where these broadleaved trees are generally absent. In certain areas, the semi-natural woodland trees were mapped in a mosaic with planted coniferous woodland.

Undifferentiated broadleaved woodland (76-78): Areas were coded as 76, lines and points as 77 and 78 respectively.

This feature comprises a wide range of woodland types from managed policy woodlands to dense birch scrub. The rounded crowns of broadleaved trees are generally distinctive, but can vary in appearance according to species, height, size and season.

Tall scrub, comprising hazel, alder and willow or dominated by birch, is also included within this category. Birch woodlands are easily recognised when in leaf and often occur either with a closed canopy or as widely scattered trees interspersed by grassland communities. In the latter case, distinguishing birchwoods (>50% cover by tree crowns) from another feature of smooth grassland with scattered trees (<50% cover by tree crowns) is difficult.

In general, photograph texture is speckled with both light and dark tones, the latter determined by the species type, density of foliage cover and density of tree cover.

Undifferentiated mixed woodland (79-81): Area features were represented as code 79 and linear and points features as 80 and 81 respectively.

Woods comprising an intimate mixture of broadleaved and coniferous trees with at least 20% of each type are in this category. The range of species and variation of height, size and shape of trees is wide, presenting a similarly varied appearance on the air photos. Small woods had to be examined very carefully to achieve separation from broadleaved woodland.

Undifferentiated low scrub (82): Gorse (*Ulex europaeus*), broom (*Cytisus scoparius*), or

occasionally juniper (*Juniperus communis*) giving more than 50% ground cover are the principal forms of low scrub. Gorse and broom are rarely more than 2 m in height and have an irregular clumped distribution giving a distinctive pattern.

Frequently, this vegetation occurs as small scattered clumps with less than 50% cover and forms an element as scattered low scrub in a category of indigenous ground vegetation or improved pasture. Furthermore, this feature can be confused with smooth grassland with low scrub and scattered trees (156).

Recently ploughed land for afforestation (83): Land recently ploughed in preparation for tree planting was recognised readily on air photographs by the furrow patterns. All ploughed land of this type, in which young trees cannot be discerned, was placed in this category.

Former woodland recently felled (84): A high proportion of woodland felling is the harvesting of trees from coniferous plantations, where after a period of time the felled areas are replanted. Consequently, this dynamic land cover feature encompasses areas of 2 ha or more where woodland has been felled at some period in the past and evidence of replanted trees cannot be seen.

Areas of windblow were also included in this feature, but woodland cleared some years previously and now having a re-established ground vegetation, whether or not remnants of old stumps are present, was excluded.

Open canopy young plantation (85): This feature encompasses woodland, mainly coniferous plantation, between the stages of ground preparation by ploughing or ripping when no trees are evident and when the canopy of the developing wood closes. Woodland in this stage is discernible on air photos but discrimination between conifers and broadleaved trees has not been attempted.

Rhododendron scrub (86): Rhododendrons, generally more than 2 m in height.

Land recently "ripped" for afforestation (87): Comprising a specialised technique, used as a ground preparation for tree planting, "ripping"

was difficult to detect, but shows as faint parallel lines on the photograph. Early uncertainty as to the true nature of these lines was subsequently clarified by Forestry Commission staff. Such land is of limited extent.

3.4.5 *Agricultural land*

An extensive feature, agricultural land carries field crops, grass leys and improved pastures, but excludes semi-natural ground vegetation. Most agricultural land is enclosed by fences, hedges or walls making this feature easily recognisable. However, in zones between unimproved rough grazing and pastures, where land improvement and reversion is dynamic, discrimination is difficult both conceptually and by air photo interpretation.

Enclosed land lacking clear evidence of pasture reversion to semi-natural state was assumed to be agricultural, whereas unenclosed land was included in the agricultural feature only where there was clear evidence of pasture improvement or cropping.

Within the principal feature of agricultural land, discrimination between various classes of land cover is imprecise. For instance, improved, neglected and rough pastures form a continuous gradation in which distinctions both on the ground and on air photos are difficult. Similarly, it is difficult on air photos to distinguish ley pastures or winter-sown grain crops from improved permanent pasture. Hence although interpretations for agricultural land could be made readily, discrimination within the principal feature was imprecise. Only broad interpretations into generalised features of improved grassland and arable land were attempted.

Sub-categories were distinguished on the following criteria:

- i) land that is moderately rocky having outcrops over 10-25% or with exposures 10-35 m apart;
- ii) land with scattered trees, having tree crowns over less than 50% and often more frequent than two trees per ha over 10 ha. Typically this feature comprises

the policies and parkland associated with rural mansion houses. Land in a rural setting used for wildlife or as nature reserves may present a similar appearance in air photos and was included in this class;

- iii) features described as having clustered farmsteads will most typically be crofting townships but may include other areas (e.g. smallholdings). The feature is necessary to record the scattered nature of the farmsteads and avoid undue clutter which would have resulted from mapping each as an individual point feature (1-2).

Improved pasture (90-97): Improved pastures have species of grass and clover of high grazing value and are generally established by reseedling and maintained by grazing control and use of lime and fertilisers. These latter measures can, if followed over a period of time, achieve effects on semi-natural grassland similar to those of reseedling. The land is generally enclosed by walls, fences or hedges. Where pastures are used for hay or silage, marks of cutting are apparent on air photos and tones are pale or striped. Otherwise, photo tones are usually dark. Permanent and long-ley grassland broken up only infrequently for break crops and pasture renewal is included with this feature. Between this feature and land that is classed as arable the distinction both on the ground and on air photos is imprecise.

Arable land (100-107): This feature comprises land farmed in a rotation of arable crops and short-ley grassland. Sub-categories with rock outcrops, clustered farmsteads and scattered trees were recognised.

3.4.6 *Semi-natural ground vegetation*

This extensive principal feature, covering more than 60% of Scotland, comprises land with vegetation that is usually less than 0.75 m in height and has not been subject to reseedling or other major improvement or where evidence of past improvement is no longer apparent.

The feature comprises a number of major types of vegetation noted briefly below. Additionally,

land management sub-categories were interpreted. The definitions of these sub-categories are:

- i) patterns of muirburn, generally denoting management of heather (*Calluna vulgaris*) and dwarf shrub for grouse shooting and seen readily on air photos as strips with light and dark tones. Large-scale burns, typical of management practice in west highland areas indicated by a pale tone and sharp edges with the adjacent unburnt areas;
- ii) patterns of rock outcrop on land that is predominantly vegetated (ground cover greater than 75%) with rock outcrops over 10-25% of the surface or with exposures 10-35 m apart;
- iii) scattered trees or scrub cover less than 50% of the surface and which comprise more than 2 trees per ha over an area of more than 10 ha;
- iv) areas of mechanised peat exploitation occupying more than 2 ha of land;
- v) areas of peat cut over by hand labour for domestic purposes and greater than 10 ha;
- vi) peat hags, a distinctive landform feature in eroding peatland, mapped where more than 10 ha in area.

The creation of a precise definition for each category and the ability to place boundaries around it are two of the complications relevant to systematic mapping of semi-natural vegetation. In general, such vegetation comprises mixed communities of plant species, but in practice they are defined either in terms of a small number of dominant plant species or by the landscape unit they occupy. Within the project only those areas of an indigenous ground vegetation greater than 10 ha were mapped consistently, but some areas of high distinction occupying a smaller area were also recorded. Where there is short-range variation in vegetation or other features, mosaics were recorded with double codes for two major cover components (see Section 3.3.1).

Heather and dwarf shrub heathland (110-137): Dwarf shrubs, principally common heather (*Calluna vulgaris*), bell heathers (*Erica* spp.) and, in certain localities, blaeberry (*Vaccinium myrtillus*), form more than 25% of ground cover. The three characteristic plant communities (Birse and Robertson, 1976) include Atlantic heather moor within the more oceanic parts of central and western Scotland, boreal heather moor in areas such as the eastern Grampians experiencing a more continental climate, and bog heather moor predominantly in north-west Scotland. Occurring principally on slopes in the hills and uplands this major feature is characterised on air photographs by a tendency towards dark tones and an even texture. Strips of dark and pale grey tones are characteristic results of muirburn practice followed on moors managed for grouse.

Dry heather moor (110-117): Areas with strongly dominant dense heather with few grasses; the vegetation includes boreal heather moor and Atlantic heather moor, the latter comprising principally the dry Atlantic heather moor subassociation. The feature is most widespread in eastern areas, particularly on hillslopes within the Grampians and Southern Uplands. Air photo tones are very dark, dense and even but frequently display evidence of muirburn. It is often intergradational with wet heather moor and undifferentiated heather moor categories. Also included within this feature are the extensive areas of blaeberry heath (the *Rhytidiadelphus loreus* - *Vaccinium myrtillus* Community) which characterise dry mounds, steep hillslopes and stabilised screes. Photo tones are light grey and even.

Wet heather moor (120-127): Dwarf ericaceous shrubs are a component of this feature, which also includes notable admixtures of grasses. The vegetation communities include bog heather moor, moist Atlantic heather moor and moist boreal heather moor. The feature is most common in western and northern hill areas where soil conditions tend to be wetter than those characteristic of dry heather moor. Air photo tones are dark but paler than for dry heather moor, reflecting the variable proportions of grasses. The feature is often intergradational with dry heather moor,

undifferentiated heather moor, coarse grassland or blanket bog.

Undifferentiated heather moor (130-137):

Areas intermediate in character between dry and wet heather moors, having dominant heather with a variable admixture of coarse grasses; the vegetation includes Atlantic heather moors, bog heather moors and boreal heather moors. Photo tones are dark, dense and even, and in some cases showed striped patterns reflecting management by muirburn. Intergradations to dry and wet heather moors, coarse grasslands and blanket bog occur.

Undifferentiated coarse grasslands (140-143):

Flying bent (*Molinia caerulea*) or white bent (*Nardus stricta*) predominate and plant communities include common white bent grassland and flying bent grassland with some bog myrtle (*Myrica gale*) present in western areas. They occur mainly in the hills with flying bent predominant on wet soils in western areas and white bent more evident on "drier" soils in the east. Black and white air photograph tones of flying bent grassland range from light to dark according to the season, but are generally of uneven texture. On some colour photographs, particularly those taken in May/early June, the first flush of green growth is clearly evident. White bent grassland is generally light and even in tone. The main intergradational forms are with heather moors and blanket bog and this feature is, due to short-range variation with related communities, often found within mosaic units.

Smooth grasslands (150-173): Smooth grasslands include main features of smooth grasslands with rushes, smooth grasslands with low scrub, undifferentiated smooth grasslands and bracken characterised by bents (*Agrostis* spp.), fescues (*Festuca* spp.), meadow grasses (*Poa* spp.), sweet vernal (*Anthoxanthum odoratum*) and Yorkshire fog (*Holcus lanatus*) as the principal grass species. The grasslands occur mainly on mineral soils on the mid-slopes of the uplands or in rocky terrain. Each of the main features is described separately.

Smooth grasslands with rushes (150-153):

Species of rush predominate, with both the sharp-flowered rush (*Juncus acutiflorus*) and

soft rush (*Juncus effusus*) occurring either as distinct clumps or providing complete ground cover in association with grass species such as Yorkshire fog (*Holcus lanatus*), sweet vernal (*Anthoxanthum odoratum*) and sheep's fescue (*Festuca ovina*). Photo tones are grey with clumps of rushes appearing dark or very light. Recognition is more easily achieved on colour than on black and white air photographs and is often aided by the common occurrence of ditches or open water channels.

The feature occurs in two distinct landform units. In hill areas, outwith zones of cultivation or land improvement, the feature is characteristic of wet sites, which are often concave and heavily flushed from spring lines emitting water at distinct breaks in slope. Complete ground cover by rushes is common. In contrast, the feature also occurs in association with agricultural land where, due to a variety of interrelated factors there has been significant deterioration of grassland with consequent rush infestation. Such areas are widespread in Caithness, parts of north-east Scotland, the western Central Valley around Glasgow and in south-west Scotland.

Smooth grasslands with low scrub (155-158):

These features comprise areas with common bent (*Agrostis capillaris*), fescues (*Festuca* spp.) and sweet vernal (*Anthoxanthum odoratum*) together with gorse (*Ulex europaeus*) or broom (*Cytisus scoparius*) scrub forming less than 50% cover. It occurs mainly in rugged landscapes but also on smooth steep slopes. The grassland produces smooth even grey tones against which the darker pattern of the scrub gives a characteristic appearance. Where the density of scrub cover or of scattered trees approaches and perhaps exceeds 50%, this feature is often intergradational with broadleaved woodland or the undifferentiated low scrub units.

Undifferentiated smooth grasslands (160-163):

These features include areas with bent-fescue grassland communities on rugged terrain, narrow channels characterised by semi-natural plant communities and, in the Southern Uplands, by steep smooth slopes. However, they intergrade with improved pastures which

are degrading and are characterised by uneven tones on the photograph. The vegetation is dominated by broadleaved grasses, the meadow-grass-bent pasture. Such areas are usually walled or fenced. Air photograph tones are light or medium grey and, providing clumps of coarser grasses are not present, the texture appears smooth and even. The feature can be gradational to bracken or, in hill and upland areas, to coarse grasslands, particularly white-bent grassland.

Undifferentiated bracken (170-173): This species, characteristic of upland farms or moorland fringes, frequently occurs on steep slopes extending along valley sides. Photograph tones vary throughout the year in accordance with the bracken growth phases. Consequently, bracken is identified only poorly on photographs taken in late autumn, winter and spring, and the class is near the limit of interpretation on 1:24 000 scale photography. Even where photographs are taken at the appropriate season, positive identification is often possible only after close inspection with a hand lens. Bracken often occurs in areas of less than 10 ha, the nominal limit for separate identification, and also occurs as a component of mosaics.

Blanket bog and other peatland vegetation (180-186): This feature includes a range of vegetation on blanket peat in the hills and uplands and raised bogs of the lowlands. Blanket bog and bog heather moor are the principal plant communities, with heather (*Calluna vulgaris*), cotton-grasses (*Eriophorum* spp.), deer-grass (*Trichophorum cespitosum*), flying bent (*Molinia caerulea*) and bog mosses (*Sphagnum* spp.) the predominant species. The eroded peat sub-category is extensive where high winds, frost and high rainfall are prevalent.

In western areas, peatland dominated by flying bent is extensive and air photograph tones vary according to the season with the lightest tones characteristic of late autumn and early spring when the dense foliage has died down. In areas of deep peat, irregular dark patterns indicate natural erosion, whereas in lowland peat regular dark patterns indicate areas of commercial mechanised exploitation. Some areas cut over

extensively by hand for domestic use are recognisable on air photographs and areas of more than 10 ha are mapped. Scattered trees giving less than 50% ground cover can occur on some lowland bogs and areas with dubh lochans were also mapped. This feature can be gradational to coarse grassland or wet heather moor.

Undifferentiated salt marshes (190): These distinctive features are restricted to coasts generally in estuaries where they occur below the high water mark of normal spring tides. The wide range of sea-water tolerant plants include glasswort (*Salicornia dolichostachya*), sea poa (*Puccinellia maritima*), mud rush (*Juncus gerardii*), narrow club-rush (*Blasmus rufus*) and sea lavender (*Limonium humile*). Air photo tones are dark, and sinuous creeks and channels appear prominently. Some photos may have been taken at a time of high spring tides when areas of salt marsh may have been inundated and hence not mapped.

Maritime grasslands and heaths (191): These features are exclusive to cliff-tops, headlands and small islands that are strongly exposed to sea-spray. They occur locally from Shetland and Orkney to the north coast of mainland Scotland and the Hebrides. They comprise a short closed turf of sea plantain (*Plantago maritima*), carnation-grass (*Carex flacca*), vernal squill (*Scilla verna*) and red fescue (*Festuca rubra*). Air photograph tones are generally light or medium grey and even. Common heather (*Calluna vulgaris*) and crowberry (*Empetrum nigrum*) occur locally and impose a darker more uneven air photograph tone.

Wetlands (200-203): Occurring locally in low-lying valley bottoms, these features are characterised by land with water-tables at or near the surface for most of the year. The range of plant species is very wide but three distinctive vegetation communities are extensive. On some wet flushes, generally in non-cultivated areas as in south-west Scotland, rushes may be dominant, and consequently this category can be gradational to smooth grassland with rushes. However, in areas of open water, around loch margins, adjacent to streams pools and ditches, aquatic communities

with reed-grass (*Phalaris arundinacea*), yellow flag (*Iris pseudacorus*) and reed (*Phragmites communis*) can be present also. These areas are generally distinctive on air photographs as are the patterns associated with drainage patterns and ditches. Large ditches are distinguished readily and ditched wetlands were recorded. Often willow (*Salix* spp.) and alder (*Alnus glutinosa*) can be present. If scattered trees are present and their density approaches 50%, that specific feature may be confused with broadleaved woodland.

Dunelands (210-213): Areas of windblown sands, generally near coasts and having distinctive, though varied dune landforms are readily recognised on air photographs. Interpretations were recorded for bare dunes lacking vegetation cover, dunes partially stabilised by grass, principally marram grass (*Ammophila arenaria*) and stabilised links areas, generally low dunes or flat terrain with grassland, including plants such as fescues (*Festuca* spp.) eyebrights (*Euphrasia* spp.) and lady's bedstraw (*Galium verum*). In a few areas there is heath with heather (*Calluna vulgaris*) dominant.

Montane vegetation (222-223): Detailed information was not requested for land above the "treeline" and of the two features recognised, both are characterised by a range of montane plant communities. At high elevation, both air photograph tones and patterns are distinctive, the former being a stippled grey colour reflecting the wind-cut nature of the vegetation cover while patterned ground, associated with frost-heave processes, is often conspicuous. Rock-strewn areas were delineated and could include areas with boulders rather than significant rock outcrop. Such areas were easily recognisable at high elevations where vegetation cover is sparse, but, at lower elevations in the subalpine zone discrimination was more difficult. Precise limits, representing the change between the montane vegetation and semi-natural plant communities of lower elevation, were often difficult to identify, and the vegetation communities within this intermediate zone often form the component of mosaics. Within the montane zone areas of blanket bog, both hagged and non-hagged, were interpreted and assigned to the relevant peatland community.

3.5 Links between the LCS88 project and other sources of land cover and ecological information for Scotland

Because there is no standard land cover classification system for the UK it is important that the existing project-specific systems can, as far as is possible, be cross-referenced. This will add value to them all (Wyatt *et al.*, 1993).

The aim of this section is to set the LCS88 project in the context of other relevant survey initiatives in Scotland (see Table 2.1) and provide a general framework for cross-referencing their classification systems (see Table 3.5). The latter draws upon a SOAFD-sponsored collaborative research programme between MLURI and ITE to provide a co-ordinated land cover database for Scotland.

There are, at the time of writing, three other relevant land cover mapping initiatives: ITE Countryside Survey 1990, ITE Land Cover of Great Britain from satellite imagery (conducted by ITE and variously funded by the DoE, DTI, NERC, and BNSC) and the National Countryside Monitoring Scheme (NCMS), now funded by SNH.

3.5.1 ITE Countryside Survey 1990

This is the third in a series of national sample-based surveys undertaken by the Institute of Terrestrial Ecology (the previous two being in 1977-78 and 1984). All are based on the application of the ITE Land Classification, established in 1975 with the aim of providing a framework for sampling of ecological land use characteristics (Bunce *et al.*, 1992). Originally devised to assist ecological mapping in Cumbria (Bunce and Smith, 1978) the system has been extended to the whole country using the Ordnance Survey National Grid as a sampling frame for the collection of environmental variables from cartographic and statistical sources within 1 km squares (Coppock and Kirby, 1987). The resulting data have been organised by the multivariate analysis technique of Indicator Species Analysis (Hill *et al.*, 1975), into 32 land classes (descriptions of which may be found in Bunce *et al.*, 1981): 25 of the classes appear in Scotland (Coppock and Kirby, 1987).

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MLURI		NCMS		ITE		LANDSAT CLASSES
PRINCIPAL FEATURES	MAJOR FEATURES	PRINCIPAL FEATURES	MAJOR FEATURES	FIELD	PRIMARY FEATURES	
Semi-natural ground vegetation	Heather and dwarf shrub heathland Undifferentiated coarse grasslands Smooth grasslands Blanket bog and peatland vegetation Undifferentiated salt marsh Wetlands Dunelands Montane vegetation	Heather Grassland Mire Bracken Parkland	Moorland Unimproved Semi-improved Improved Blanket (heather- or grass-dominated), lowland	Agriculture/ natural vegetation	Moorland and shrub heath Moorland grass Upland grass Unmanaged grassland Lowland agricultural grass Calcareous grassland Lowland heath Blanket/ raised/ valley bog Saltmarsh Marsh/ flush/ fen Maritime vegetation Aquatic vegetation Tall herb vegetation	Upland dwarf shrub Grass moor Unimproved Pasture/ amenity Meadow/ verge Heather heath Grass heath Saltmarsh fen/ marsh Bracken
Agricultural land	Agricultural land	Arable			Arable crops	Arable
Woodland	Coniferous woodland Broadleaved woodland Mixed woodland Undifferentiated low scrub Trees; line/point; scattered Management features	Woodland Scrub Linear features	Coniferous wood Coniferous plantation Broadleaved wood Broadleaved plantation Mixed wood Young plantation Felled woodland Orchard Tall, low Hedgerow Treeline	Forest/ wood/ trees	Woodland/ forest Orchard Scrub: line/ patch/ scattered/ individual Trees: individual/ scattered/ line/ belt/ clump	Deciduous Evergreen Mixed Orchard Scrub
Farms and developed rural land	Isolated farmsteads and other buildings Miscellaneous developed features	Built land		Buildings/ structures/ communications	Building/ gardens/ open spaces/ amenity grass/ allotments/ car park/ glasshouse/ embankment/ other	
Bare ground	Miscellaneous bare ground	Bare rock and soil Wet ground Marginal inundation Open water Linear features (unsurfaced tracks, running water)	Standing (natural and man-made), running	Physiography/ inland water/ coastal	Cliffs/ scree/ boulders/ rock Outcrop/ pebble-sand shore/ mud/ Sea/ lade/ canal/ ditch/ stream Spring/ well/ drainage/ gorge/ levee/ waterfall/ soil erosion/ peat hags	Bare Felled Ruderal weed Sea/ estuary Inland water Beach
Miscellaneous features	Built-up land Transport features Cloud-obscured areas Snow-obscured areas	Recreation Transport corridor Quarry		Boundaries	Walls Fences Hedges Others	Urban/ industrial Suburban

Table 3.5 A comparison of current land cover land classification systems

Once land classes were identified, sample squares were surveyed to provide land cover (main land cover types are outlined in Table 3.5) and detailed vegetation species composition information (the minimum mapping unit was nominally 0.04 ha for areal features and 20 m length for linear features). In 1990 the sample size was 533 one kilometre squares, 193 falling within Scotland.

Land cover and species information has been recorded on 1:10 000 scale base maps using combinations of 313 attribute codes. These maps have been digitised and data entered into a GIS to allow estimates of areas, lengths and quantity of features, as well as land cover change statistics, to be made. Mean values of the features from the sample squares are grossed up by land class to give national estimates.

3.5.2 *ITE Land Cover of Great Britain from satellite imagery*

Complementary to the field survey data of the ITE Countryside Survey 1990 has been the production of a satellite image-based land cover dataset for Great Britain (Bunce *et al.*, 1992). There have been relatively few land cover studies utilising digital image processing in Great Britain that have produced satisfactory results (Coppock and Kirby, 1987). Work in this area specific to Scotland includes Hubbard and Wright, (1982) who classified the primary land cover types of the mainland; crop monitoring in Kincardineshire (Thompson *et al.*, 1982); and land cover mapping in north-east Scotland (Stove, 1983).

For the ITE land cover from Landsat imagery project, 25 consistently recognised (or target) classes have been delineated; main features are given in Table 3.5. These were achieved using a supervised maximum likelihood classification of summer and winter data, with a baseline date of 1990, plus or minus two years. The classification is hierarchical. Target classes were achieved by defining a large number of spectrally unique subclasses. This enables user specific generalisation or detailed enquiry of data by aggregation or disaggregation of classes.

With a 25 m pixel size the nominal minimum mappable area is 1 ha, although features with strong spectral signals can be delineated at 0.125 ha. Overall classification accuracy is expected to be between 75-90%, depending on class (Bunce *et al.*, 1992)(see also Section 3.2.3).

3.5.3 *SNH National Countryside Monitoring Scheme*

Scottish Natural Heritage, formerly the Nature Conservancy Council (NCC) and the Countryside Commission for Scotland (CCS), are undertaking a study of changes in Scotland's land cover for the post-war period, based on a comparison of sample data from air photos (NCC, 1983). The main aim is to provide reliable estimates of change for land cover types of wildlife and landscape interest. The study is divided into two parts: Phase I which is complete, has looked at area linear and change estimates between the late 1940s and the early 1970s; Phase II, currently under way, will compare Phase I results with data collected for 1988/89.

The classification scheme (NCC, 1987), main elements of which are given in Table 3.5, is broadly compatible with the National Vegetation Classification (Rodwell *et al.*, 1991a and 1991b) with its emphasis on natural and semi-natural habitats. There are 32 areal cover types and 5 linear features identified. The list is structured hierarchically to allow combined estimates for broad feature types where necessary. The minimum size of land parcel which can be mapped is 0.1 ha.

The project has been undertaken on a Regional and District basis using a stratified random, area-based sampling design registered to the National Grid. Stratification is aimed at producing a sampling base which is representative of the land cover types present in the study areas. Typically, Regions are assigned to four broad land types or strata: upland, lowland, intermediate and urban (if warranted). Stratification of each 1 km square is determined by unsupervised classification of Landsat MSS imagery at 100 m resolution. The resolution of the classified image is coarsened using a modal filter which assigns each 1 km² to a stratum; a 5 km x 5 km grid is then superimposed and the dominant 1 km² stratum within it

identified. Originally a 10% sample based on 5 km x 5 km squares were then chosen at random from within each stratum for data interpretation. More recently the sampling methodology has been modified with the number of sample squares per stratum being increased to a minimum of 5, and the sample square area being decreased to 2.5 km x 2.5 km.

These procedures for sampling were applied to all Scottish Regions. For example, in Grampian the three land cover types for sample stratification are: upland grassland, heath and moorland; conifer plantation and dense heather moorland; arable and lowland grassland (Countryside Commission for Scotland and Nature Conservancy Council, 1988). A 10% sample (seen as sufficient to achieve required accuracy) is then taken within the land types. In Grampian this amounts to 39 sample squares.

Data were recorded from variably (1:10 000 - 1:32 000) scaled aerial photographs with subsequent transference to 1:10 000 OS base maps. These maps were then digitised and input into a GIS. Specifically designed statistical software estimates the extent, change and interchange of feature types for the Region and time period in question, using the 1 km² stratification as a framework for extrapolation.

Phase I results were compiled and have been published in a series of regional reports.

An overall summary report for Scotland including detailed interpretation of results and technical details is in preparation. Phase II of the project is in progress with estimated completion in 1994.

3.5.4 *Research into data integration*

The surveys outlined and the Land Cover of Scotland project utilise the three principal methodologies for land cover data collection: field survey, aerial photography and satellite remote sensing. Each has benefits which it should be possible to increase through integration. For example, LCS88 can provide more extensive information on the cover types identified by the ITE field survey, but the ITE field survey can provide more detailed information on the cover classes identified by

the LCS88 survey. The satellite imagery provides additional benefits of rapid cost effective data collection and analysis. SOAFD-funded research is being undertaken collaboratively by ITE and MLURI to compare and integrate the data from the LCS88 and ITE surveys in order to enhance the value and detail of land cover information for Scotland. Comparisons of definitions for land cover types have been undertaken and comparisons of mapped data are in progress using GIS.

Definitional comparisons have been completed based on the physical and ecological indicators described in the project descriptions. These show:

- i) where good correlations are likely to occur;
- ii) where good correlation will be dependent on further class definitions, for example by aggregation or disaggregation;
- iii) where correlations will be poor or non-existent.

Table 3.5 illustrates the comparisons of the major classes. A brief summary of the main findings to date are:

- i) high correlations are expected from the principal land cover categories of semi-natural vegetation and woodland;
- ii) poor or non-existent correlations are to be expected from the principal categories including buildings, structures and infrastructure. This is mainly because the Land Cover of Scotland project leans heavily towards identifying natural and semi-natural vegetative communities, whereas the ITE surveys provide more definition/distinction within "built land" categories;
- iii) within the principal categories, where good correlations are expected, there will be individual cover types that display good agreement on a one-to-one basis, for example, Improved Pasture (LCS88) and Lowland Agricultural Grass (ITE); some types will agree only after aggregation or disaggregation, for example LCS88 Blanket Bog will cover three ITE classes. A few will show very little agreement.

Comparisons of land cover types are presently being undertaken by overlaying the LCS88 and Countryside 1990 datasets using a GIS. The data for this are land cover from the 193 ITE sample squares in Scotland, representing those areas where the mapped land cover for the surveys is coincident. Maps for each 1 km square are overlaid and data produced in forms for further analysis. When the whole sample has been processed it will be possible to describe:

- i) ITE Land Classes in terms of MLURI cover types, giving the ability to validate ITE's statistically extrapolated land classes for the whole country using the census data;
- ii) ITE cover types in terms of plant species information;
- iii) MLURI cover types in terms of ITE cover types and plant species information.

When this has been completed, results will be compared/integrated with ITE's Landsat land cover data, providing a rapid and cost effective option for survey. Further, the comparison/integration of data from the National Countryside Monitoring Scheme is being considered.

By integrating data from these surveys and ensuring that derived information can be cross-referenced, with differences being explained in terms of class definitions or methodology, an enhanced land cover database will be produced for Scotland, providing information that can be queried at varying resolutions and levels of detail, depending on the needs of the user. Multi-purpose applications of such a multi-resolutional database in the fields of land cover assessment, land cover change analysis, biological stocktaking and local or national countryside policy formulation are envisaged.

4. Creation of the LCS88 dataset: aerial photography, interpretation and digitising

4.1 Aim

This chapter has three aims:

- i) to describe the acquisition of the aerial photography used in the LCS88 project;
- ii) to describe the air photo interpretation procedures and
- iii) to document the digitising methods.

4.2 Aerial photography

The aerial photographs represents the fundamental data source to the LCS88 project. The scale, timing (date and time of day), emulsion type and contrast, all have some bearing on its interpretability, and are

ultimately reflected in the recorded interpretation accuracies. Ideally, all these variables should be held constant. In practice, this is impossible. Accordingly, there will inevitably be some variability in interpretation success due to the variability in the "quality" of the photo coverage. The following provides a brief factual description of the aerial photography.

The photographic coverage was obtained over three flying seasons from 1987 to 1989. Table 4.1 gives the acquisition of coverage in terms of "rolls of film". Most significantly, the bulk of the coverage was obtained in 1988 with some 35% of the country being covered in the week 6 – 12 June.

Year	Contractor	Quality control	Rolls of film		
			230 mm B/W	70 mm N/C	70 mm N/C
1987	Planning and Mapping Ltd.	University of Edinburgh	4	-	2
1988	Planning and Mapping Ltd.	Mason Land Surveys Ltd.	31	-	-
	JAS Photographic Ltd.	Mason Land Surveys Ltd.	14	6	-
1989	Planning and Mapping Ltd.	Mason Land Surveys Ltd.	16	-	-
TOTAL			65	6	2
			B/W = Black and white N/C = Natural colour		

Table 4.1. Acquisition of photography 1987-1989 (after Kirby, 1992)

Contractor	Camera	Lens	Film type	Print material	Number of prints
Planning and Mapping Ltd.	RC10	152-24 mm	Kodak 2405	Kentmere	8240
			Agfa Pan 100		
	Vinten 360	38 mm	Kodak Ektachrome	Fukichrome	none released
JAS Photographic Ltd.	RC10	151-91 mm	Agfa Pan 200	Agfa	2263
	RC10	151-91 mm	Kodak 2445	Agfa	1157
TOTAL					11660

Table 4.2 Origins and volumes of photography

The consultants' recommendation that 1:24 000 natural colour photography was optimum (see section 2.2) proved too costly. In 1987, the contractor adopted a low cost alternative whereby a 70 mm format Vinten 360 was used to acquire 1:96 000 contact scale, subsequently enlarged to 1:24 000. This approach proved unreliable and the bulk of the later photography employed conventional large format cameras (Wild RC10) with panchromatic film (Table 4.2). In the final event 1:24 000 natural colour coverage was restricted to the Central Valley where it was considered most likely to have added commercial value (see section 2.3). The approximate area of coverage is shown on Figure 4.1.

Quality control on the photography was undertaken initially by the University of Edinburgh (1987) and thereafter by Mason Land Surveys Ltd. (Table 4.1). The criteria included geometry, resolution, coverage (full stereoscopic coverage was required). Photography was also rejected if it contained more than 5% by area of deep shadow or cloud. In the final analysis about 0.05% (40 km²), of the land area was missed, chiefly in north mainland Scotland, and some 0.3% (200 km²) was snow-covered or obscured by cloud.

A fuller account of the flying programme can be found in Kirby (1992)¹.

4.3 Air photo interpretation

The air photo interpretation was done by staff formerly involved in the Soil Survey of Scotland. Areas were allocated according to their field experience so that in all cases the interpretation was done by an individual who had extensive local knowledge. The actual regional breakdown is shown in Figure 4.2

Each interpreter used the same equipment and followed an identical procedure as follows:

- i) the central portion of alternate photographs was identified on an acetate overlay;

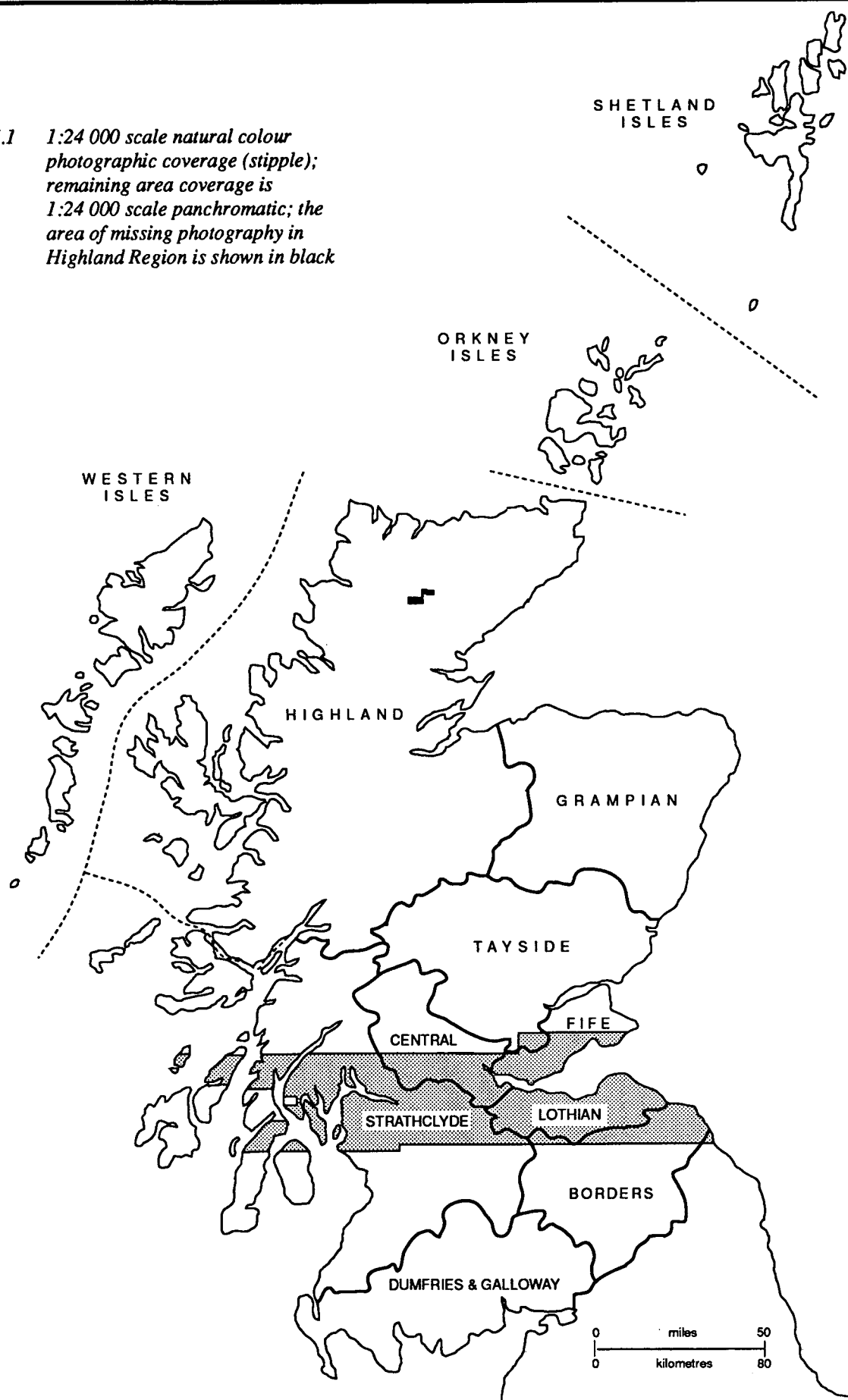
- ii) the relevant stereo-pair were then viewed through a mirror stereoscope (magnification could be varied according to subject);
- iii) boundaries of area features were identified in red ink, points and lines in blue;
- iv) the information on the interpreted overlay was transferred to a 1:25 000 OS Pathfinder Series base map using a Sketchmaster (simple optical, prism-based, transfer instrument). An example of the resulting maps is shown in Figure 4.3. In areas with extreme relief distortion, or in areas with extensive local control evident on the map (*e.g.* roads, streams etc.), information was transferred by eye.

Throughout the interpretation stage both formal and informal meetings were held between members of the interpretation team. These meetings were aimed at ensuring that the classification system was being consistently applied across the whole of Scotland. In the final analysis, however, it is difficult to test how successful this was because first, the statistical validation was not designed to test between interpreter variability and second, there were insufficient resources available to tackle the issue through other tests (*e.g.* interpretation of the same area by different interpreters). It can be argued that the use of interpreters with *local* knowledge served to keep this source of uncertainty in check.

The final part of the interpretation procedure involved editing and checking. The 1:25 000 base maps were passed to the digitising team and every point, line, polygon and related codes were checked through the course of digitising. Any queries (*e.g.* missing codes, non-valid codes, incomplete polygons) were marked up on a standard recording sheet and passed back to the interpreter. This feedback was an essential element in maintaining the quality of the source data and it is assumed that this source of referential error (frequency that individual features are correctly labelled) is near 0% (see also Section 5.4.2).

¹The Scottish Office holds the copyright to the photography which is marketed by Geonex Jasphot Ltd. of Mitcham, Surrey. A set is available for inspection at The Scottish Office Air Photographs Unit.

Figure 4.1 1:24 000 scale natural colour photographic coverage (stipple); remaining area coverage is 1:24 000 scale panchromatic; the area of missing photography in Highland Region is shown in black



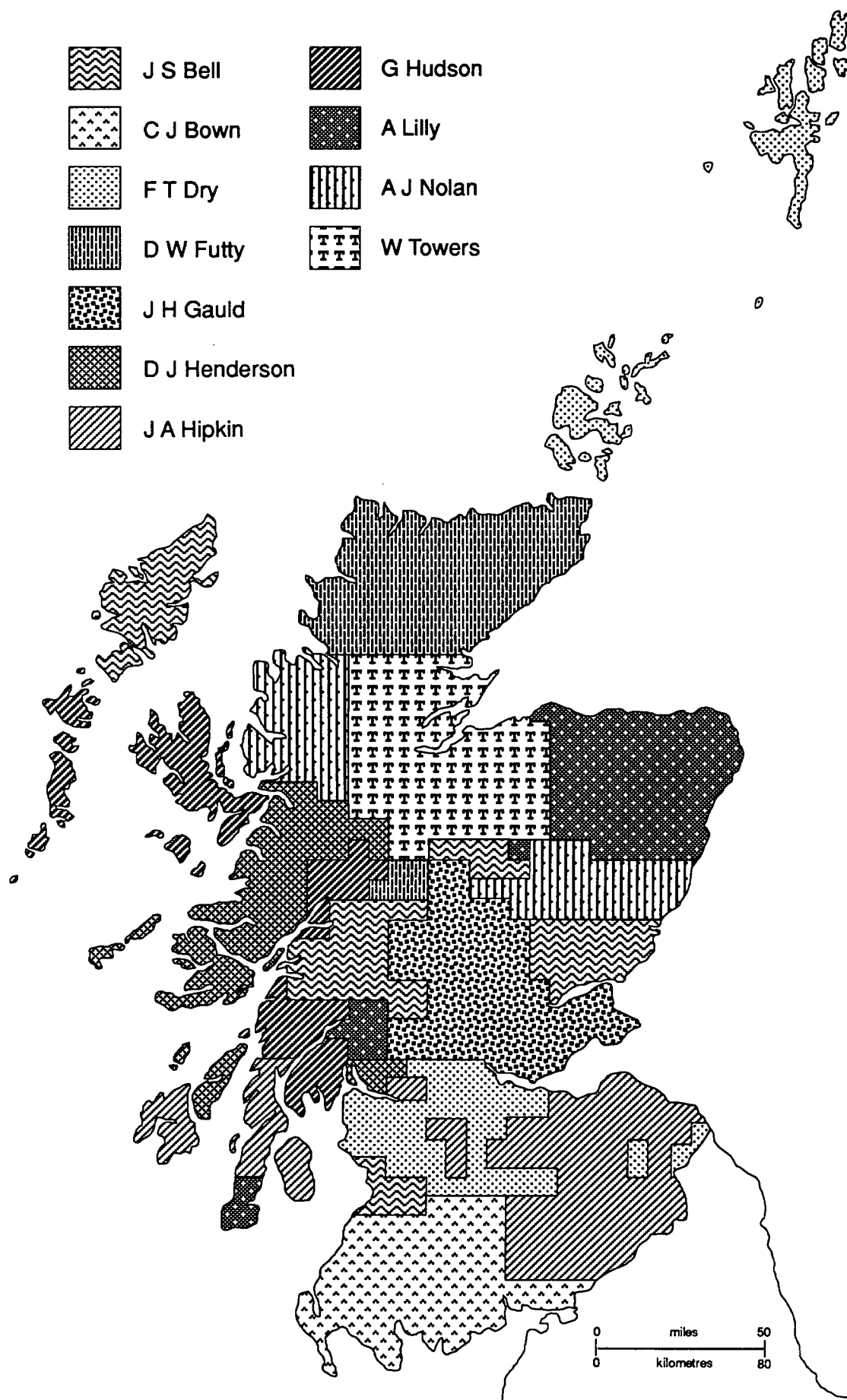


Figure 4.2 Interpreters' areas of responsibility

4.4.1 Digitising workstations

The configuration was chosen after consultation with Silsoe College, who were at that time engaged in producing land cover maps for the

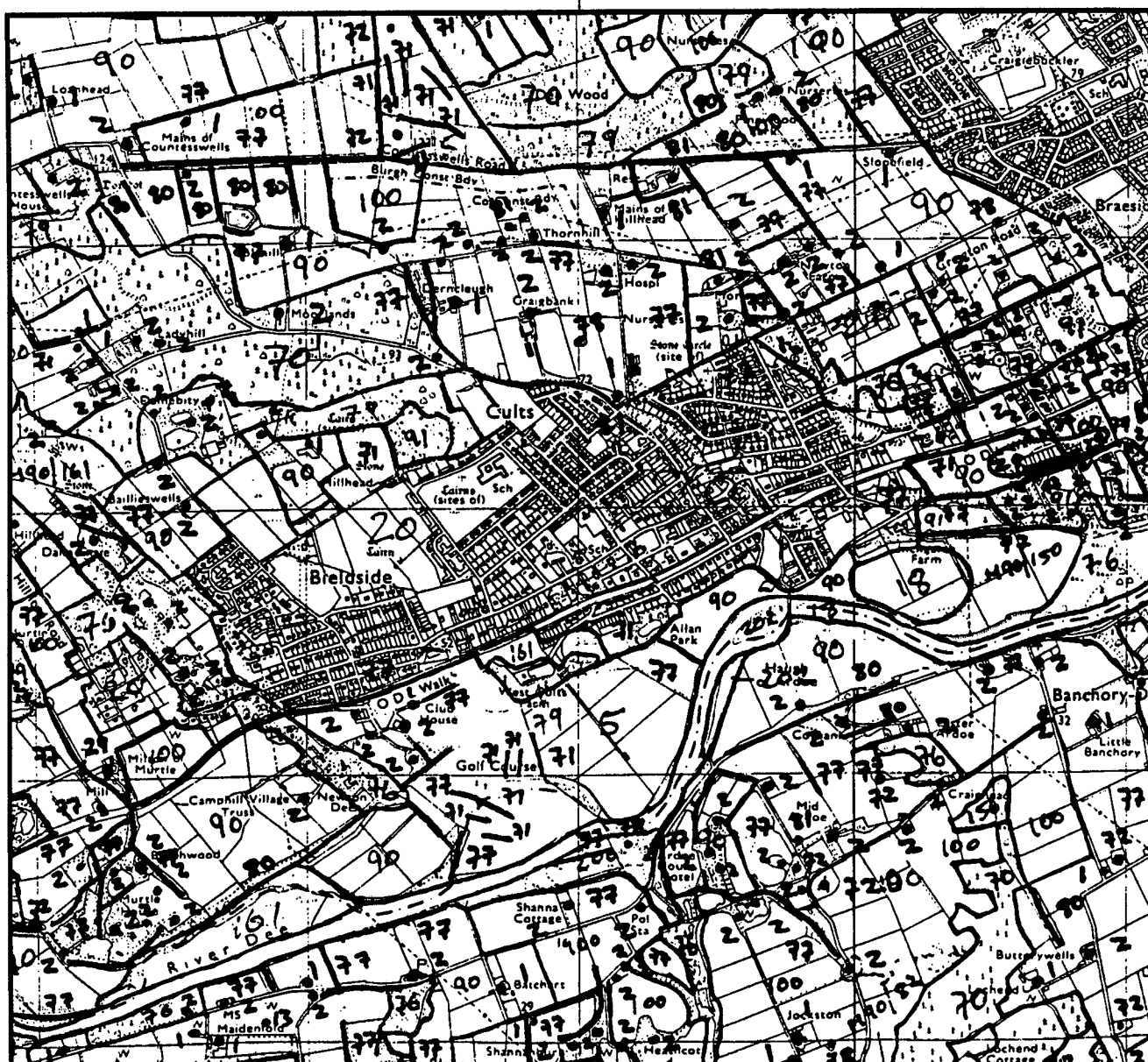


Figure 4.3 Example of base map with superimposed land cover information; area shown is to the west of Aberdeen

National Parks in association with the National Parks Monitoring Scheme, and was as follows:

- i) Elonex PC 2866-S-120 mono system (fitted with MDA, 80287-8 maths co-processor, VGA display card and VGA multiscan monitor)
- ii) Numonics A1 (24" x 36") translucent digitising table (RS232C interface). Resolution 40 lines per mm
- iii) SPANS™: TYDIG digitising module
- iv) Hewlett Packard A1 plotter (Draftpro 7570).

The four workstations shared the plotter. Note that the digitising tables were translucent (backlit). This provided the opportunity to cross-reference originals with plot files.

4.4.2 *Digitising procedure: creation of vector dataset*

The TYDIG software required that the three standard data types (points, lines, polygons) should be stored as separate "projects". Initially, each Pathfinder sheet (20 km x 10 km) was digitised as a whole; however, memory restrictions were encountered relating to the maximum number of data elements the DOS version of the software could handle, and thereafter most sheets were digitised in two parts as 10 km x 10 km blocks. The flowchart for the procedure is shown in Figure 4.4.

A standard method of project naming was devised. This used the two National Grid letters and two or four digits relating to the particular Pathfinder sheet, followed by a two-letter designation indicating data type: PT for point data, LN for lines, PG for polygons. The software maintained five files with standard TYDIG file type extensions for each project created. For example, file NJ90PG.HST is the history file for polygon data relating to the Aberdeen area (sheet NJ 90).

Two geo-referencing points were required to be digitised for each sheet, and the latitude and longitude of these points entered from the keyboard. These points were digitised only once for each sheet, in the "points" project. The five files resulting from the creation of this

project were then copied to create two other projects with identical geo-referencing but different data type designations. This avoided unnecessary duplication of effort and minimised the possibility of introducing geo-referencing errors.

As each sheet was prepared for digitising, the lines and polygons touching sheet edges were checked with those from contiguous sheets. A small overlap of approximately 2 mm was delineated and the lines and polygons from the adjoining sheets were traced onto the map sheet. This was done to avoid the possible production of spurious empty sliver polygons when information from adjoining sheets was amalgamated.

Each sheet was then digitised. Point data, if present, was digitised first, followed by lines, and finally polygons. As the software required that feature codes should be stored as integer values, a method was required for handling mosaics, which had been indicated on the map by the use of the letter "M" followed by the two components separated by a slash, e.g. M162/114. The method employed involved the devising of a unique integer code to indicate each mosaic (see Appendix A, Table A.3 for the list of codes). These integers started at 301 and eventually reached 1501. As each code was allocated during the course of digitising, it was recorded in a book and also in a computer file. Such a record was necessary to avoid the allocation of a single code to two different mosaics, or the allocation of two or more codes for successive occurrences of the same mosaic.

Queries or comments were listed on a standard recording sheet which was then passed to the interpreter responsible for the sheet. After editing, the files were exported from TYDIG: the data relating to each project were converted into two ASCII files (VEC/VEH). These files were then processed by an in-house program which checked the feature codes for validity and created a plotfile. A checkplot was produced on a Hewlett Packard Draft-Pro plotter and this was compared with the original Pathfinder sheet using a backlit digitising tablet or a light table. Any discrepancies found were corrected and the data re-exported. Each sheet

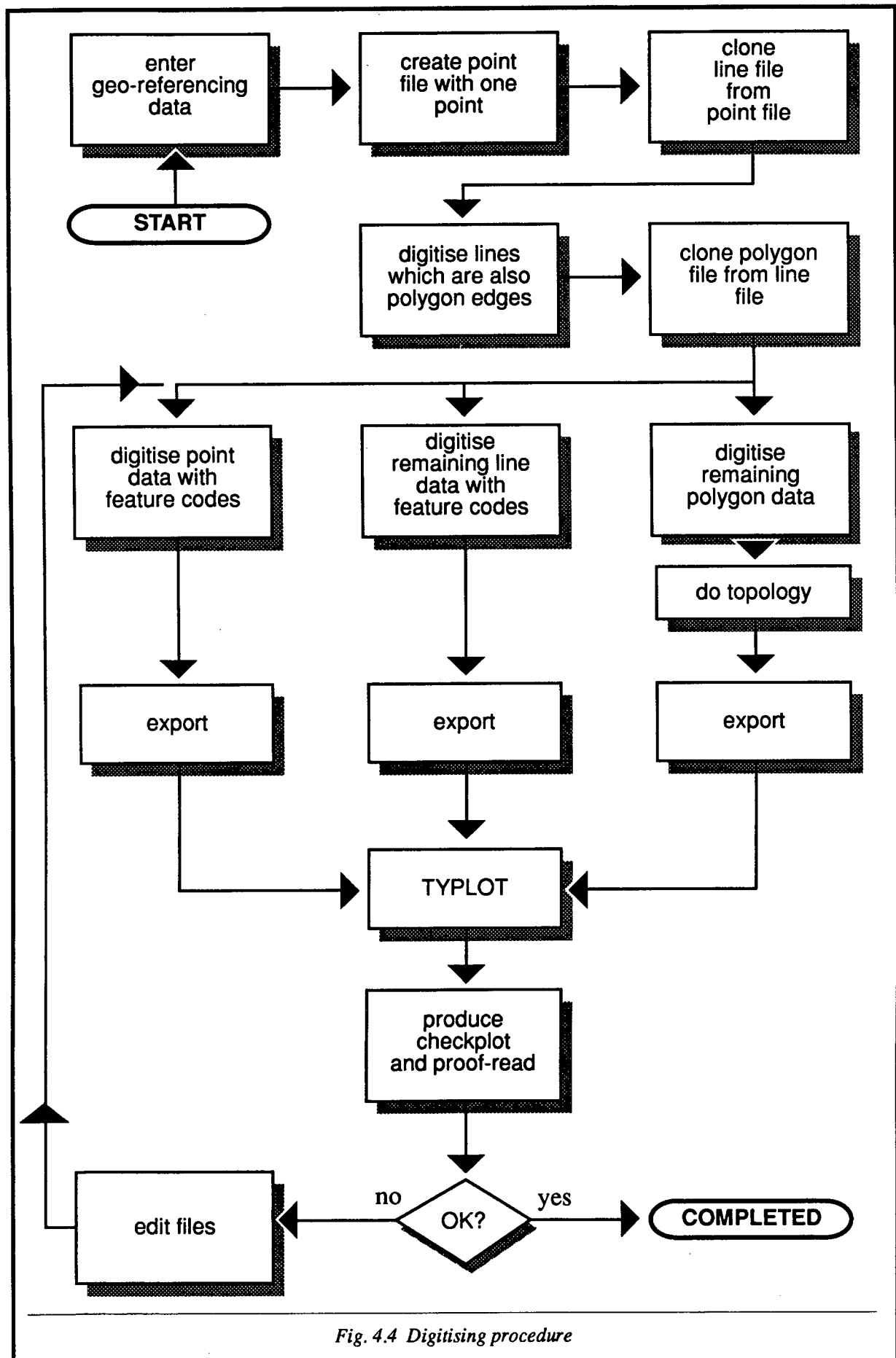


Fig. 4.4 Digitising procedure

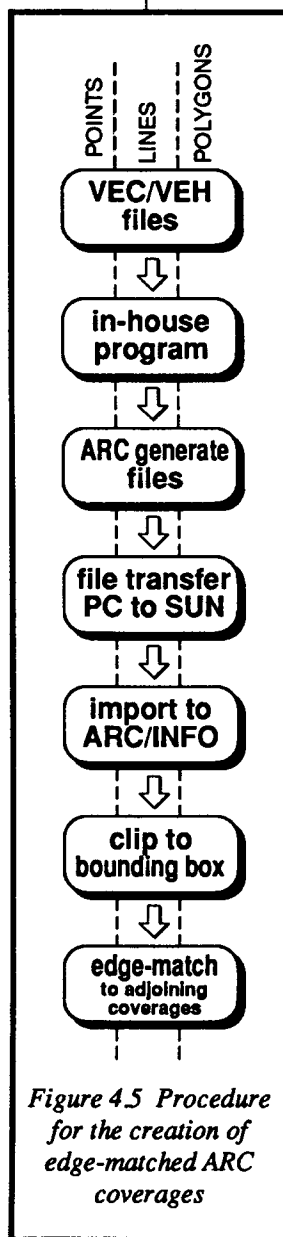
was checked by the person who had done the digitising and also by another digitiser, in order to avoid "blind spots".

The VEC/VEH point, line and polygon files were processed by an in-house program in order to create files which could be read by ARC/INFO. The VEC/VEH files stored data as tablet co-ordinates and this was converted to UK National Grid co-ordinates in the output files. The point and line data for each sheet were contained in single files; polygon data was output in two files — one for the polygons and one for the "pseudo-centroids" with the polygon feature codes. A final file contained data for a bounding box.

Point, line and polygon data files were then copied from the PC environment to a hard disk attached to a Sun workstation for further processing. Coverages were created within ARC/INFO and these were clipped to the bounding box; this processing was expedited by the use of an AML (ARC Macro Language) program. These clipped coverages were then edge-matched within ARC Edit and joined to form "tiles", each tile being a quadrant of a National Grid 100 km square. The procedure is summarised in Figure 4.5.

4.4.3 Digitising procedure: creation of raster dataset

Vector data exported from TYDIG in VEC/VEH format was imported to the SPANS package. The versions of SPANS used were all PC-based, 4.3 (DOS), 5.0 (DOS) and 5.0 (OS2). Figure 4.6 shows the flow chart of production of the raster versions of the land cover dataset. The output from TYDAC supplied software from each route was identical but the different routings are explained by errors in the quadtree to raster conversion routines within SPANS 4.3.



The raster version of the dataset is prepared at three levels of geometric resolution: 15 metres, 20 metres and 50 metres. Appendix B1 contains metadata on raster file co-ordinates and dimensions. Each copy requires to be held in a sixteen bits per pixel form to enable the codings of 1 to 1501 to all be represented directly in a raster form.

Compilation of the raster data was dealt with on the basis of administrative regions. Conversion of quadtree to raster data formats was done in blocks whose size was determined by experience gained in the stability of the SPANS software in dealing with datasets of the resolution and dimensions required of this project. The consequence of this is that instead of twelve authority areas to be "abutted" (the raster equivalent to edge-matching) there were forty. There was some time overhead associated with dealing with the greater number of extra files but more importantly in the medium term there was greater scope for error in matching the forty tiles together into one, national coverage.

Each individual tile was output from the "Ty_Ras" routine at a different resolution. The resolution of each tile was governed by the dimensions of the tile. All the tiles were standardised to a 15 metre resolution, at which the compilation of each regional tile was undertaken. The tiles were then

resampled on a nearest neighbour basis (Lillesand and Keifer, 1979) from fifteen to twenty metres and from fifteen to fifty metre resolution. For a national compilation, each regional tile has been abutted with the Ordnance Survey National Grid as the reference grid.

The disk space required for storage in the ERDAS format is shown in Table 4.3 The 15 metre dataset is held as individual regional files. It should be noted that, in general, it is not possible to perform analysis on the compressed data.

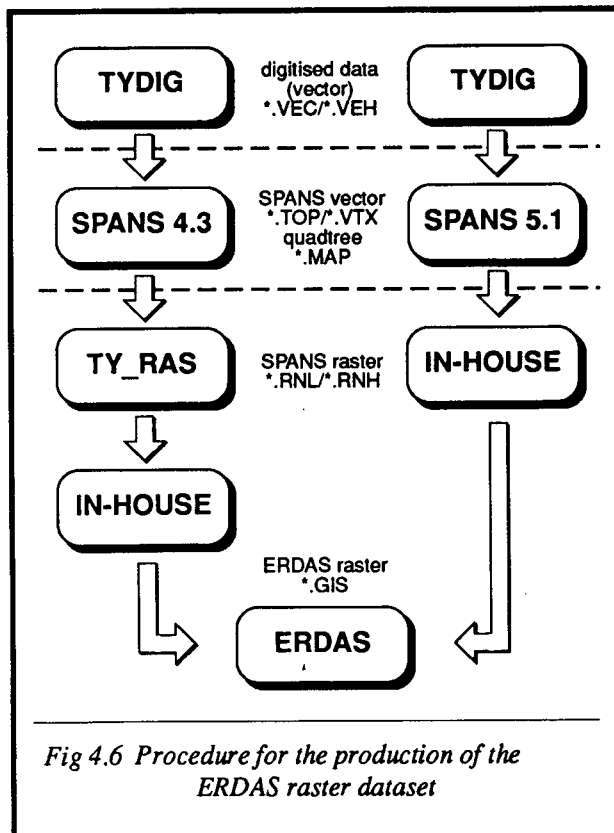
Spatial data transfer of quadtree data from SPANS is in raster format only. This requires

<i>resolution</i>	<i>uncompressed</i>	<i>compressed</i>
50 metre	240Mbyte	27Mbyte
20 metre	1.49Gbyte	150Mbyte
15 metre	2.65 Gbyte	—

Table 4.3 Storage requirements for Erdas raster format datasets. Compression is by Lempel-Ziv as implemented in SunOs 4.1.2, within OpenLook Windows 3

the external routine Ty_Ras. For transfer to other facilities (therefore including simple operations such as large format plots) there are overheads associated with the transformation and transfer. These overheads are:

- i) Processing time for conversion from quadtree to raster;
- ii) Disk space requirement for the raster version negates any advantage of the quadtree structure for data compression;
- iii) The pixel dimensions are very unlikely to be integer values, thus increasing the likelihood of positional inaccuracy from rounding errors when using two different software packages;



- iv) Export formats should, by their nature, be transferred between software facilities. Therefore, it is unfortunate that the export format for SPANS should be the least appropriate for such transfer.

Reference to data by structure, resolution (discussed above), format, vendor and vendors product version provides the most comprehensive, if somewhat cumbersome, reference method.

Storage of the raster data in "ERDAS" proprietary (GIS) format provides a format which is readable by both participants in the GIS and image processing fields. Users of ESRI's GRID (ESRI, Inc., 1992) software have a proven translation routine to read ERDAS *.GIS files. Clearly ERDAS (V7.5) users should have no difficulty in reading *.GIS files. However, note that the Imagine product of ERDAS (V8.0) (ERDAS Inc., 1992) does not use *.GIS files directly; they require to be translated into *.IMG format.

It is reasonable to assume that future provision of the land cover datasets will be in formats which are "near to current" for the time. The likeliest format upgrade will be to BS7567 (Rowley, 1992).

A summary of the data types, formats, storage media etc. is provided as Table 4.4 (overleaf).

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<i>process</i>	<i>software</i>	<i>hardware</i>	<i>data type</i>	<i>formats</i>	<i>storage media</i>
digitising	TYDIG	286 pc	vector	.VEH/.VEC	5.25/3.5" diskettes
	SPANS	386 pc	vector	.TOP/.VTS	temporary files
			raster	.RNH/.RNL	.DAT tape (regional)
			quadtree	.MAP	.DAT tape (regional)
raster conversion	ERDAS	SUN ws	.raster	GIS	.DAT tape (regional)
data transfer (TYDIG to ARC/INFO)					
	in-house	486 pc/SUN	vector	ARC generate	
edge-matching	ARC/INFO	SUN ws	vector	ARC coverage	
data storage	ARC/INFO	SUN ws	vector	ARC coverage	
	ARC GRID	SUN ws	raster	ARC GRID	
data export	ARC/INFO	SUN ws	vector (points)	ARC Export	
			vector (lines)	ARC Export	
			vector (polygons)	ARC Export	
	ARC GRID	SUN ws	raster	ARC Export	

Table 4.4 Data types, storage and export formats, and media associated with different stages in the digitising and data compilation process

5. Accuracy of the LCS88 dataset: results of the validation exercise

5.1 Aim

The aim of this chapter is to provide a summary of the factors which influence the accuracy of the LCS88 dataset. The objective is to provide a context for interpreting the results of the validation exercise which was an integral part of the LCS88 project.

The creation of the LCS88 dataset, and particularly its use in GIS, has highlighted the need to develop methods for describing, quantifying and tracking the effects of error in spatial databases. Because development of such methods is central to contemporary research in GIS and spatial data analysis, it is not possible to provide definitive guidance on how to handle the whole issue of error in relation to the LCS88 dataset. The treatment provided here is therefore acknowledged to be a workable but only partial solution to this. Readers with a specialist interest in error analysis are invited to contact MLURI/SASS.

5.2 Maps as data sources for spatial databases

The general issue of using maps as a basic data source was introduced in Section 3.2.4. This will be elaborated here.

Maps, through various cartographic conventions, represent continuously varying features (e.g. land cover) as sharply bounded, internally homogeneous map units. These units offer limited scope as carriers of data that describe properties of the real world and, as a consequence, create interpretative uncertainties associated with:

- i) location of class boundaries and variation between geographically adjacent polygons (e.g. "where should a boundary be placed between dry and wet heather moorland categories in this area?"). Some boundaries are gradational and more appropriately should be represented as fuzzy lines;

- ii) variation within polygons (e.g. "what variation is contained within this polygon described as dry heather moorland?"). This lack of information describing the degree of internal variability/heterogeneity is particularly important in relation to the mosaic categories in the LCS88 dataset;
- iii) variation between polygons of a given type (e.g. "how similar are all the polygons representing pinewoods?"). No estimates exist of the degree to which any polygon is typical/representative of the class to which it belongs.

These uncertainties impose considerable limitations to using maps for representing highly variable phenomena, and these limitations carry through to digital datasets which use maps as an intermediate data source.

In the LCS88 project some of the above uncertainties have been addressed, particularly through the use of mosaics to accommodate observed short-range variability. However, it is acknowledged that further research is needed to investigate more direct methods (e.g. representation of land cover data as surfaces) for overcoming the limitations of the intermediate map stage.

Set against the above, the following section provides an account of the sources of uncertainty associated with each stage in the LCS88 data capture procedure: from aerial photography through interpretation and digitising to database product.

5.3 Sources and magnitudes of uncertainty in the LCS88 dataset

Uncertainties are associated with each stage of the data capture process. It is therefore appropriate to define, identify and quantify each of the different uncertainties and describe their likely importance in the final digital dataset. At the same time, it is also important to

recognise that much of the possible uncertainty at each stage is controlled and limited through use of agreed standards, codes of practice and operational protocols. This routine and accepted approach to data quality management has been applied throughout the LCS88 data capture process. However, it is recognised that uncertainties are still present; the advantage of this approach is that they should be more readily identified and their relative importance established.

5.3.1 *Aerial photographs*

Accuracy of the air photo interpretation is controlled, to some degree, by the season of acquisition of the photographs, (either May/June or late autumn). This can result in variable discrimination of certain features. The principal and major feature levels of the class hierarchy are easily recognised from photos at both these times of year and relatively high levels of accuracy are achievable at this level. The accuracy of identification of classes of the more detailed classes (main classes) is lower. For example, it is not possible to discriminate consistently between arable land and improved pasture on photographs taken in May/June when the tonal and textural patterns of the respective communities are almost identical.

5.3.2 *Air photo interpretation*

Three types of database feature were interpreted and recorded; point, line and polygon. The minimum area of discrete land cover units recorded varies according to the type of unit. For example, all woodland categories, defined as possessing greater than 50% cover by tree crowns, were recorded as polygons if their area exceeds 2 ha; patches of woodland of less than 2 ha but which contain more than 10 trees were recorded as points. The assessment of area by eye on individual air photos is a source of error; the influence of this will be most apparent when the classification rules combine in a complex way around the mapping criteria (for example, when crown cover is about 50% and where the polygon area is close to 2 ha). In these situations the interpreter must make decisions to allocate the feature to a particular type (polygon or point); the information that

describes uncertainty over such decisions is neither attached to the feature nor otherwise recorded and is lost for further analysis.

In semi-natural vegetation, where man-made boundaries tend to be rare, and in areas where there is high variability in land cover over short geographic distances, the delineation of vegetation categories is imprecise, particularly for mosaic units. Here the interpreter is required to define a line which is *representative* of the boundaries between classes. However, no record is kept of the information that defines particular lines as representative and distinguishes them from other more definite lines, nor is there any estimate of the degree of representativeness, for example as the width of a zone of gradual change between adjacent classes. This presents a significant issue for analysis of relative error and the impact of uncertainty in boundary location is indicated below in the discussion of relative error (Section 5.4.4).

The situation with respect to mosaic classes is more complex. Where components of two (or more) land cover classes are mixed, an outer boundary is interpreted and the polygon coded as a mosaic of the classes. However, if more than two components are mixed only the dominant two are used in the code; information on the other classes is lost. Each mosaic combination encountered is then entered into a look-up table, the dominant class within the mosaic being recorded in the table first. Mosaics can therefore be recoded by dominant or sub-dominant class. There is no record of the relative importance (extent, intermixture) of the component classes and this information is lost for further analysis. Where a land cover type occurs principally within mosaics, this method of coding makes accurate estimation of areas problematic.

Reliability assessment and area estimates for mosaic classes requires representation of the relative contribution of the component classes that define the mosaics. One approach for simplifying presentation is to recode all polygons interpreted as mosaics into their first recorded land cover class code, producing a summary of 126 classes. This will over-

represent the area of some classes and under-represent the area of others. Although the proportions of each component of each mosaic are not recorded, practical experience from the interpretation process suggests that approximations in which the dominant is 60% and the sub-dominant 40% should be used. **This is an approximation and will be subject to regional, local and polygon specific variation.** Some of the mosaic classes may more properly be treated as cover types in their own right.

5.3.3 *Geometric rectification and transfer*

Aerial photographs were interpreted onto acetate overlays with subsequent graphic compilation onto Ordnance Survey 1:25 000 scale Pathfinder Series base maps. Colour coding distinguished between line segments for linear and polygon features. Features were vector digitised from the base maps for compilation into the final digital dataset.

The use of sketchmaster transfer of interpreted features onto the 1:25 000 scale OS base maps introduces limited geometric rectification. The efficiency of this process varies according to the features being mapped and the extent to which map features are identifiable on the air photos to enable fully rectified transfer. The 1:25 000 maps show field boundaries in many lowland areas and geometric correction and rectification by sketch transfer will be more accurate in these areas than in the upland, semi-natural cover type areas. Here, the inaccuracies associated with polygon identification are compounded by the relative absence of features with which to link the maps and the photographs. The distortion introduced by relief changes also causes problems for correct alignment of photographs, interpreted features and base maps (Section 5.4.4 Relative error).

Stereo photogrammetry would reduce these errors but the number of photographs involved precluded this option (Section 4.2). An alternative solution may be video digitising of photographs followed by digital geometric correction and rectification using digital elevation data. The use of digital capture of the photographs combined with visual

interpretation also offers a solution to the issue of internal map unit homogeneity as it allows gradual changes to be stored digitally.

5.4 **Digital data capture and types of error**

The 1:25 000 scale maps, fully compiled and annotated with interpreted land cover features, are the basic documents from which information was digitised to form the computer-stored data record. Digitising is the complete process of digital capture into a format where the data can be used in the computer; this includes digital capture of features, checking, editing and edge-matching. It is a manual procedure that incorporates both feature identification and topological structure into the dataset.

All three locational primitives (points, lines and polygons) are contained on the majority of map sheets. Point features were digitised first, followed by line features and, finally, polygons. Where polygons were bounded by linear features (for example, a line of trees may form a boundary between agricultural land and semi-natural vegetation), the feature was digitised once only to ensure consistency. Four types of error can be considered with the digitising process: topological, referential, absolute and relative.

5.4.1 *Topological error*

Topological error describes uncertainty associated with connections between features in the database. It is reported as a percentage error. Topology allows a range of GIS functions to be applied to the data and ensures that GIS software recognises polygon features as polygons, line features as lines and point features as points in its system database. For example, description of contiguity, route finding, or network analysis (e.g. finding the shortest route from location A to location B through a series of footpaths), require data to be topologically structured. Software ensures polygon topology is complete, although topology may require reconstruction if the data are transferred from one GIS system to another (for example, from TYDAC SPANS to ESRI

ARC/INFO). Line features were not topologically coded in TYDAC SPANS format although they are in the edge-matched ARC/INFO format dataset.

The topological error for the TYDAC SPANS format polygon data is 0%; the edge-matched ESRI ARC/INFO dataset will also have a topological error of 0%. This may not apply to all export formats and topology may have to be rebuilt on import from some data exchange formats.

5.4.2 Referential error

Referential error is concerned with the labels given to features in the dataset, and describes the frequency with which the individual features are correctly labelled. For example, if the digital label for a polygon in the dataset is not the same as that on the map, this is a referential error. A referential error of 0% means that all features are correctly labelled, 5% means that 5 labels in 100 are in error on average. Points, lines and polygons were coded according to unique numerical identifiers allocated to each of the interpreted classes. Mosaic classes were allocated codes that identify the component classes from a look-up table. Checking and editing of the digital representation of interpreted classes involved both photo interpreter and map digitiser staff to identify any feature labelling inconsistencies or missing boundaries. Annotated paper plots were produced at 1:25 000 scale for checking for referential error. The procedure and checking protocols used were intended to produce a digital map product with referential error of 0% although, in practice, it is unlikely that all polygons with incorrect, but valid, codes have been found.

This referential error of 0% only applies to the digital representation of the interpreted map product. The uncertainty associated with the air photo interpretation means that some points, lines and polygons will be incorrectly labelled compared with the land cover features on the ground. This should be considered as referential error as it may lead to mistakes in use of the digital dataset. Thus, although the data capture protocols were directed at ensuring

a 0% referential error compared with the map, the referential error for the map is more appropriately obtained from the validation exercise which compares the interpretation with a ground survey (Section 5.5).

Referential error corresponds broadly to the overall error rate for interpretation obtained from analysis of the full confusion matrix for the land cover dataset. The calculation of the overall interpretation accuracy is discussed below (Sections 5.4.3, 5.4.4). **Although data checking procedures are intended to provide referential error for the map features approaching 0%, the interpretation uncertainties mean that referential error is higher.** The referential error for individual classes may also be calculated (Section 5.5).

5.4.3 Absolute error

Absolute error refers to the position of features on the earth surface; it considers the position of map features relative to their true position and is the basis for mapping standards used by mapping agencies. The absolute error of the Land Cover of Scotland dataset is important since this is the datum with which the dataset will be integrated into databases and GISs by users of the dataset; it will provide the absolute positional reference with which the dataset will be combined, integrated and analysed with other datasets. Absolute error applies to all features (points, lines and polygons) identified on the maps. Estimating absolute error is a complex geometric and statistical problem. Some indication of the likely magnitude can be obtained from considering worst case scenarios.

The digitising ground reference is obtained from the Ordnance Survey National Grid through use of 1:25 000 scale Pathfinder Series base maps. Assume the map corner points, the reference locations, may, at worst, have been digitised at either the inside or outside of their junction. The distance between these limits, d , is equal to $\sqrt{2(w + 2l)^2}$ where w is the width of the lines on the map (about 0.35 mm) and l is the estimated accuracy for cursor positioning (about 0.1 mm). This gives a value of 0.77 mm for d , equivalent to 19.26 m on the ground.

However, since this uncertainty applies at all map corners, it is equivalent to the absolute error for the map. In practice, this is an upper limit for the absolute error (ignoring map drafting and projection effects in the OS base map). **For base map positioning the absolute error of the Land Cover dataset is better than ± 19.26 m.** Since the reference points for the map are so important they are digitised with considerable care and the absolute error should be much better than ± 19.26 m although it cannot claim better accuracy than the line width at the map corner (about 12.5 m for a base map of scale 1:25 000 giving an absolute error for the map of 12.5 m). The minimum pixel size of 15 m is at the limit of the absolute error for the dataset; coarser resolutions such as the 50 m raster ERDAS format dataset are entirely acceptable and not falsely generalised.

The absolute error of the land cover features is similarly calculated from the tolerance in cursor positioning and the line width of points, lines and polygons on the map document. Consider a worst case: features are drawn with a 0.5 mm pen and, assuming that the digitiser cursor is within 0.1 mm of either side of this line, the width of the digitising position is about 17.5 m. **The absolute error for features is about ± 8.75 m.** The achieved absolute error for features may be much lower than this, however, since digitising attempted to follow the centre of map lines with the cursor. **At worst, absolute errors in base map positioning and feature digitising will be in the same direction and the combined absolute error of the map feature position will be about ± 28 m.** In practice, absolute errors for features can be expected to be less than this and, to an extent, to cancel each other out through spatial dependence in adjacent polygons. In a test using randomly selected locations over the whole of Scotland ($n = 114$), and comparing actual OS grid references of these to the grid references as digitised, the mean error was found to be 12.33 m, with a standard error of 1.78 m. The maximum error was 39.56 m. These results are summarised as Figure 5.1 and they show that actual rates of absolute error within the LCS88 dataset are in line with the rates anticipated from theoretical

considerations. The absolute error for base map position should however, be assumed to be present in the dataset as this will not be cancelled out. Positional uncertainties associated with digitised features are considered further below (Section 5.4.4).

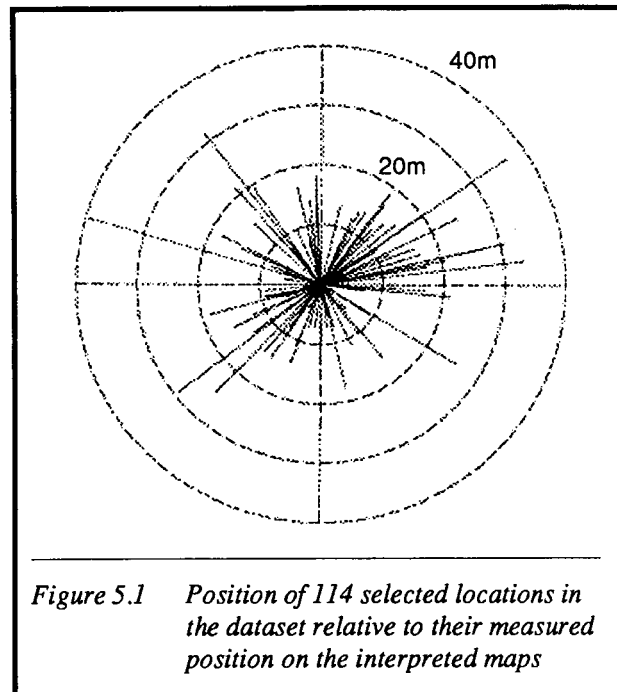


Figure 5.1 Position of 114 selected locations in the dataset relative to their measured position on the interpreted maps

5.4.4 Relative error

Relative error refers both to inaccuracies in the relative position of nearby features in the dataset and to calculations made using the dataset. The most important aspects of this for the Land Cover dataset are:

- i) the errors associated with estimates of the area of polygons given the positional accuracy of boundaries drawn on the map combined with the digitising tolerances;
- ii) the position of polygon boundaries during interpretation and sketchmaster transfer.

Relative error in the location of land parcel boundaries is likely to be one of the most significant sources of uncertainty in analyses of the land cover dataset. Consider first, the situation in which boundaries of polygons were located accurately on the maps during the interpretation and transfer processes described above. In this situation, relative errors in linear and area calculations based on the map data are

a function of the digital representation of the feature given uncertainty due to digitising. As digitising accuracies can be described, the relative errors can be estimated.

Assume, at worst, that the relative error of a polygon boundary is the same as the absolute error in feature position (ignoring the absolute error in base map position), that is, ± 9 m, and that the positional errors for the boundary line are all directed along the co-ordinate axes for the map and *either* away from *or* towards the polygon centre. The relative errors make the polygon larger or smaller than the "true" value by an amount proportional to the perimeter length of the polygon. For a circle of true area 5 ha, the area estimate from the map would be 4.31 ha (underestimate) or 5.74 ha (overestimate), an error of $\pm 14.8\%$. For a square of area 5 ha, the area estimate from the map would be 4.45 ha or 5.59 ha, an error of $\pm 11.1\%$. Other shapes will have different errors. **Uncertainty in area estimates is polygon specific**, although some general indication of possible magnitude can be calculated.

More optimistically, digitising will be more accurate and the digitised line will be located within the width of the line drawn on the map (about 0.5 mm wide which is ± 6.25 m for the Land Cover dataset). For the worst case at this relative error, the estimated maximum area of a circle and square of 5 ha (error away from the polygon centre) would be 5.51 ha ($\pm 10.2\%$) and 5.42 ha ($\pm 8.0\%$) respectively.

The error associated with the area of simple-shaped polygons of different true area can be estimated for relative errors of both ± 9 m and ± 6.25 m (Table 5.1).

These estimates of uncertainty represent the worst that may be expected and in many cases area estimates will be much better than this. Additionally, they consider the case of single, isolated polygons. The polygons representing the land cover categories do, however, fill the

True polygon area (ha)	9m area (ha)	9m % error	6.25m area (ha)	6.25m % error
2	2.6	31.8	2.4	22.1
5	6.0	20.1	5.7	14.0
10	11.4	14.2	11.0	9.9
20	22.0	10.1	21.4	7.0
50	53.2	6.4	52.2	4.4

Table 5.1 Examples of the relationship between relative error size and uncertainty; small relative errors can lead to large uncertainty associated with area estimates

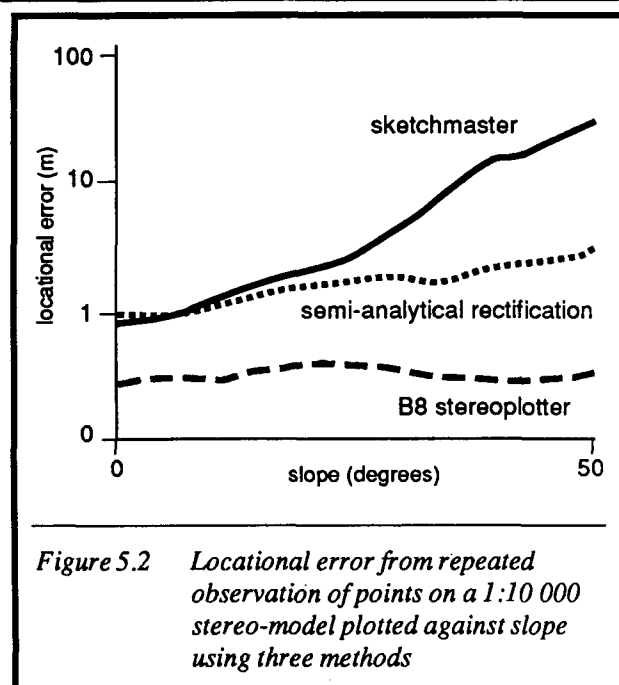
geographic space that is the land area of Scotland. This means that the polygon boundaries of adjacent polygons are not independent of one another and, to an extent, this spatial dependence will result in the cancelling out of errors in area estimates. The uncertainty associated with area estimates for plane filling polygons can be estimated using the epsilon band concept (Blakemore, 1984, Brunsdon, *et al.*, 1990). Uncertainty in length of linear features due to relative error can be considered using Monte Carlo methods (Openshaw, 1989).

Although the magnitude of relative errors in area estimates due to uncertainty in boundary position related to digitising accuracy and line widths at the source map scale are large, the relative errors associated with uncertainty in boundary position arising from other stages of the dataset compilation are of much greater magnitude. The sources of relative error in other stages include:

- i) uncertainty due to decisions made over the position of boundaries in the air photo interpretation stage. Interpretation of boundaries is a subjective process and the question of boundary position in areas showing gradual change in land cover has been discussed previously (Section 5.2). For most boundaries there is no "true" position and they should be considered an artefact of the data capture process which inserts a categorical map between the "real world" and its digital representation. This stage introduces an unknown relative error that will vary between

categories in the dataset. Although the magnitude of relative error from this source cannot be quantified, it can be managed in data analysis through use of conditional simulation for stochastic realisation; more simply, the interpreted map can be considered as one of many alternative maps of land cover and numerical methods used to generate approximations to some of the alternative versions (although these methods are not part of standard GIS software and operating practice and are only available through relatively few research laboratories specialising in spatial analysis and conducting R&D in GIS techniques);

- ii) uncertainty in boundary location due to use of sketchmaster methods to transfer data from interpreted air photo to base map. This method only allows limited geometric rectification (Section 5.3.4) but, unlike uncertainty due to interpretation, this error can be quantified using photogrammetric techniques. The error will be influenced by the presence/absence of features with which to link the base maps and air photographs, by distortion due to relief, and by the accuracy of the sketchmaster for scale change between the photographs (nominally 1:24 000) and the base maps (1:25 000) coupled with distortion in the base maps due to shrinkage/warping of the paper. The magnitude of relative error due to this source may, therefore, be considerable, possibly up to several tens of metres in areas of high relief with few distinct features for aiding transfer from photograph to map. In general, ground area is underestimated in areas of high relief. The vertical projection of a polygon is less than the ground area and can be corrected by multiplying by $1/\cos\gamma$, where γ is the slope angle. The effects of slope angle and the efficiency of different methods for geometric correction of air photographs are shown in Figure 5.2.



Boundary positions were not checked as part of the validation exercise (Section 5.5) and neither of the above sources of error has been properly quantified. However, relative errors due to the data capture processes of interpretation and transfer to base maps are thought to exceed those due to digitising tolerances associated with representing the map source document. They may exceed 50 m in some cases.

5.4.5 Data conversion and editing

The dataset was digitised using the TYDIG module of the TYDAC SPANS GIS software. The SPANS GIS maintains three internal formats: vector, raster and quadtree. The land cover data were transformed from vector format into quadtree and thence to raster format.

Compilation of the dataset into quadtree format was at a ground resolution of between 15 and 20 m. This falls within the ground resolution ranges identified by Harrison *et al.*, (1989) as appropriate for 1:25 000 scale source data and is of similar order to the maximum estimated absolute error in feature positioning (Section 5.4.3). The raster dataset was then transferred into an ERDAS image processing system and the component files of the raster data edge-abutted to create a seamless raster dataset. This was resampled to 15 m minimum pixel resolution; nearest neighbour resampling within

ERDAS was also used to generate a 50 m resolution raster version. The statistical breakdowns of land cover were derived from this dataset since administrative boundary data are available in digital format at 1:50 000 scale, for which a resolution of 50 m is more appropriate.

Both conversion from vector to raster (including quadtree) formats and resampling to create different resolution raster datasets are a source of error in the dataset. The magnitude of these errors is not known at present although, compared with the uncertainty associated with confusion in the class interpretation, it is likely to be small.

5.4.6 Summary of LCS88 error characteristics

The preceding sections have examined the types and estimated magnitudes of error associated with the LCS88 dataset. These are summarised as Table 5.2.

Table 5.2 emphasises the fact that referential errors due to interpretation need to be quantified to obtain a full assessment of the errors inherent in the LCS88 dataset.

Error type	Magnitude	Notes
Topological error	0%	
Referential error	0% variable	map labelling interpretation error see section 5.5
Absolute error	<± 19.26m ± 8.75m ± 28m	basemap positioning (worst case) feature location combined
Relative error	variable <± 50m	estimates of area are polygon specific relative errors introduced through capture process

Table 5.2 Summary of types and magnitudes of error in LCS88 dataset developed from theoretical considerations; see also Table 5.8

The most appropriate way of determining interpretation error rates is to carry out a rigorous field check, where interpretations are compared with ground observations at points chosen on the basis of a statistical sampling scheme.

The following sections present the procedures and results of the field validation exercise conducted to establish the levels of referential (interpretation) error in the LCS88 dataset. The exercise was carried out jointly by staff of the Scottish Agricultural Statistics Service (SASS) and the Resource Consultancy Unit at MLURI.

5.5 Validation exercise

The validation exercise comprised the design of an appropriate sampling scheme, field checking, and statistical analysis. These are dealt with in turn.

5.5.1 Design of the sampling scheme

The sampling scheme was based upon a modified version of that proposed by Hay (1979). To limit the cost of field validation whilst retaining appropriate precision, the land area of Scotland was divided into three strata. The first stratum comprised land within 2 km of a point of vehicular access, the second was land between 2 km and 6 km, and the third land more than 6 km from the nearest point of access. Kilometre squares were selected at random within strata, and the sampling rate was a function of accessibility, being highest in the most accessible stratum.

Included within the 702 one kilometre squares sampled were the 193 Scottish squares of the ITE Countryside Survey 1990. Their inclusion was pre-determined following funding of a joint MLURI/ITE contract, the purpose of which was to compare the respective land cover systems (Section 3.5.1). To avoid selection bias from including them, the 193 squares were substituted for validation squares that fell within the same accessibility stratum and the same ITE land class.

Within each validation square, random points were selected on the 1:25 000 Pathfinder Series land cover map until each of the interpreted

areal land cover categories in the square was represented in the sample. If more than one point was selected for a given category, all but the first point selected were discarded. Line and point features were numbered, and one of each category selected for checking at random. A clean aerial photograph, corresponding to the one kilometre square for validation, was subsequently annotated with the square boundaries. The selected polygon sample points and line and point features were located visually where landmarks were prominent and by sketchmastering otherwise.

cover category, he was permitted to record up to three choices, with the most plausible assessment ranked first. Furthermore, if different land cover elements were present outwith the designated 1ha about a point but still within the interpreted polygon, they were noted but given lower priority by being recorded as a second or third choice.

5.5.3 Confusion matrices

Semi-natural vegetation accounts for roughly 60% of the land cover of Scotland. As noted

Category recorded by interpreter	Category recorded by validator			Total	commission %
	Coniferous woodland	Broadleaved woodland	Mixed woodland		
Coniferous woodland	295	7	17	319	7.5
Broadleaved woodland	11	274	22	307	10.7
Mixed woodland	20	46	87	153	43.1
Total	326	327	126	779	
omission %	9.5	16.2	31.0		

Table 5.3 Example of a confusion matrix

5.5.2 Field checking

In the field, the selected points and features were visited and checked. With the polygon features, the land cover in an area of 1ha around the point was interpreted and recorded, using the same category definitions used by the interpreters. Where the point lay close to a boundary, interpretation was restricted to the land cover on the same side of the boundary as the point. Due to short-range variation in the semi-natural vegetation communities, the interpreter had often been unable to assign an area to a single category. Consequently, mosaics (Section 3.3.1) had been recorded within some polygons. For example, a mosaic of dry heather moor (with no burning and no rock) on mounds with intervening hollows characterised by peatland vegetation (non-eroded) was coded 110/182. Where the validator was unsure how to code a given land

above, classification of such land cover can be problematic, because different interpretations are often arguably correct, and because cover often occurs as mosaics of two (or more) categories. Definition of error rate is further complicated because errors are more likely at lower levels in the classification hierarchy, and the incidence of errors is far greater for some features than others. Use of a single error rate is therefore uninformative. Thus, error rates are estimated separately for each level in the hierarchy.

Confusion matrices provide a convenient method of summarising validation data, and such summaries are presented in Appendix C. Table 5.3 provides a simple example of a confusion matrix and there follows a guide to its use.

If the interpretation and validation observation matched perfectly, the confusion matrix would

only have entries along the diagonal. However, in reality there are interpretation errors, and these show up as off-diagonal entries in the confusion matrix.

Logically, there are two types of interpretation error. The first is where a feature was incorrectly interpreted as another feature (e.g. coniferous woodland was interpreted incorrectly as broadleaved or mixed woodland). This is known as an **error of omission** and is calculated by looking up and down the columns of the confusion matrix, so that, in the example above (Table 5.3), 11 and 20 coniferous woodland observations were incorrectly interpreted as broadleaved or mixed woodland respectively. These errors of omission are reported by taking the sum of the off-diagonal column entries (i.e. $11 + 20 = 31$) and expressing it as a percentage of the total, i.e. $(31 + 326) \times 100 = 9.5\%$.

The second type of error is where a feature has other features incorrectly interpreted as it (e.g. broadleaved woodland interpreted as coniferous woodland). This is known as an **error of commission**, and is calculated by looking across the rows of the confusion matrix, so that, in the example above (Table 5.3), 7 broadleaved and 17 mixed woodland observations were added to coniferous woodland. The errors of commission are reported by taking the sum of the off-diagonal row entries (i.e. $7 + 17 = 24$) and expressing it as a percentage of the total, i.e. $(24 + 319) \times 100 = 7.5\%$.

Table 5.3 shows that in total 9.5% of coniferous woodlands were incorrectly identified as another woodland type, and 7.5% of the woodland was wrongly interpreted as coniferous woodland.

5.5.4 Standard errors and 95% confidence intervals

Using the same confusion matrix (Table 5.3) it is possible to calculate the standard error as:

$$se(p) = \sqrt{\frac{p(100 - p)}{n}} \quad (1)$$

where p = percentage misclassified in the row

(commission) or column (omission)

and n = number of entries in the row or column.

This provides a good approximation subject to the conditions outlined in the technical footnote¹.

The true percentage rate of misclassification for any given row or column may be represented by π . An approximate 95% confidence interval for this rate is found by solving the following quadratic for π .

$$\frac{p - \pi}{\sqrt{\frac{\pi(100 - \pi)}{n}}} = \pm 1.96$$

$$\text{Thus } \pi = \frac{np + 192 \pm 196\sqrt{9600 + np(100 - p)}}{n + 3.84} \quad (2)$$

By substituting in the above equations (1 and 2), it is possible to calculate the standard error and 95% confidence interval for any land cover feature of interest.

For example, using the confusion matrix in Table 5.3, and referring specifically to the commission (row) errors for coniferous woodland then:

$$p = 7.524, \text{ and } n = 319$$

$$\text{so: } se(p) = \sqrt{\frac{p(100 - p)}{n}} \quad (1)$$

$$= \sqrt{\frac{7.5(100 - 7.5)}{319}} = 1.48$$

and a 95% confidence interval is given by:

$$\pi = \frac{np + 192 \pm 1.96\sqrt{9600 + np(100 - p)}}{n + 3.84}$$

$$= \frac{2400 + 192 \pm 1.96\sqrt{9600 + 2400(100 - 7.5)}}{319 + 3.84}$$

¹ In the case of rows, this estimate of standard error is valid, because only one polygon of any given category was checked per 1 km square, even if more polygons of that category were present. For columns, there will be instances where two polygons within one square with different interpreted categories were found to have the same "true" category. These will be rare, so that the above standard error will provide a good approximation.

Land cover feature	COMMISSION			OMISSION		
	error rate p	standard error $se(p)$	95% confidence interval	error rate p	standard error $se(p)$	95% confidence interval
Coniferous	7.5	1.5	5.1 11.0	9.5	1.6	6.8 13.2
Broadleaved	10.7	1.8	7.8 14.7	16.2	2.0	12.6 20.6
Mixed	43.1	4.0	35.5 51.1	31.0	4.1	23.6 39.5

Table 5.4 Error rate estimates and confidence intervals for simple confusion matrix

$$= \frac{2592 \pm 943.25}{322.84}$$

$$= 5.11, 10.95$$

(It should be noted that this method gives asymmetric 95% confidence intervals which are to be expected when the observed percentage is close to 0% or 100%.)

By repeating this exercise for each land cover feature row and column, the error rate (p), standard error ($se(p)$) and the 95% confidence intervals can be computed for the features in Table 5.3 as shown in Table 5.4.

5.5.5 Method for estimating corrected land cover areas

The above procedure enables the error rates associated with individual features to be determined. However, the presence of these errors means that area figures derived from the LCS88 dataset may be biased. One further use of the confusion matrix is therefore to enable the area of each feature to be recalculated to accommodate the observed confusion between features.

There are several methods for deriving corrected area estimates which could be applied to the LCS88 dataset. The reader is referred to Buckland and Elston (1993) for a detailed critique which compares the methods proposed by Prisley and Smith (1987) and Hay (1988), and develops a method appropriate for the LCS88 dataset.

The method proposed takes account of the stratified sampling employed in the LCS88 validation exercise.

Define:

I_i = total area interpreted as class i , $i = 1, \dots, n$;

I = diagonal matrix of order n , with diagonal elements I_i ;

J_j = total area interpreted as class j , $j = 1, \dots, n$;

J = diagonal matrix of order n , with diagonal elements J_j ;

$A_T = \sum_i I_i = \sum_j J_j$ = total area interpreted;

A = matrix of order $n \times n$ whose elements a_{ij} sum to A_T , where a_{ij} = total area of class j that was interpreted as class i ;

Thus $\sum_j a_{ij} = I_i$; $\sum_i a_{ij} = J_j$.

C = confusion matrix of order $n \times n$, with elements c_{ij} = number of validated points of class j that were interpreted as class i , $i, j = 1, \dots, n$;

P = matrix C , normalised so that row sums are unity:

$$p_{ij} = c_{ij} / \sum_{j'=1}^n c_{ij'}$$

A method is required to estimate the J_j . The appropriate method depends on the sampling

scheme. Suppose first that random points are selected from the region, and the land cover is validated only at those points. The estimated probabilities of misclassification in matrix P are conditional on the interpreted class i :

$p_{ij} = \hat{Pr}(\text{validated point is land cover class } j \mid \text{it is interpreted as class } i)$

where \hat{Pr} indicates estimated probability. In this case only, p_{ij} is also an estimate of the probability that *any* point is land cover class j , given that it is interpreted as class i .

We now need

$\pi_{ij} = \hat{Pr}(\text{point is land cover class } j \text{ and it is interpreted as class } i)$

$= p_{ij} \cdot \hat{Pr}(\text{point is interpreted as class } i)$

$= p_{ij} \cdot I_i / A_T$

Estimator \hat{A} of matrix A is now obtained by multiplying these estimated probabilities by A_T :

$$\hat{A} = \{p_{ij} \cdot I_i\} = I \cdot P \quad (3)$$

Note that this estimator has the following properties:

1. the row sums equal the I_i ;
2. the column sums are the estimates \hat{J}_j ;
3. no matrix inversion is required, so that singular or sparse matrices do not cause the method to fail.

If a stratified sampling scheme was adopted for the validation exercise, and points were selected randomly within strata, the estimator should be applied separately within each stratum. The matrices \hat{A} should then be summed across strata.

Estimator \hat{A} retains its validity when the sampling scheme is such that any point interpreted as belonging to class i is validated with equal probability, but that different interpreted classes are sampled with different rates, to allow quantification of misclassification rates for rarer classes while avoiding excessive sampling of common classes. Similarly, if sampling is polygon based, with selection probability proportional to size, the method remains valid.

The method of Prisley and Smith (1987) is equivalent to the above method, although it is

formulated to give only the vector of estimates \hat{J}_j , rather than the matrix \hat{A} . However, the matrix inversion method of Hay (1988) differs, and fails when different interpreted categories are sampled at different rates. The derivation above relied on using the conditional probability that a point is of class j , given that it is interpreted as class i ; this probability is readily estimated by normalising the confusion matrix by row. Hay's derivation, by contrast, requires the conditional probability that a point is interpreted as class i , given that its true class is j . This probability is estimated by normalising the confusion matrix by column; the estimate is valid only when the sampling rate is constant across interpreted classes.

To demonstrate this difference between the methods, we require the additional definitions:

\underline{i} = vector with elements I_i ;

\underline{j} = vector with elements J_j ;

$v_{ij} = \hat{Pr}(\text{validated point is interpreted as land cover class } i \mid \text{it is class } j)$;

V = matrix with elements v_{ij} ;

$Pr(i) = \hat{Pr}(\text{validated point is interpreted as class } i)$;

$Pr(j) = \hat{Pr}(\text{validated point is land cover class } j)$.

Then the basis of the method represented by Equation 3 is the probability statement

$$Pr(j) = \sum_i p_{ij} \cdot Pr(i)$$

$$\text{with } J_j = A_T \cdot Pr(j) = \sum_i p_{ij} \cdot I_i$$

$$\text{and } \underline{j} = P' \cdot \underline{i}.$$

Conversely, the method of Hay (1988) is based on the probability statement

$$Pr(i) = \sum_j v_{ij} \cdot Pr(j)$$

and hence has the matrix form

$$\underline{i} = V \cdot \underline{j} \text{ (which yields } \underline{j} = V^{-1} \cdot \underline{i}).$$

This latter method is acceptable provided a valid estimator of V is found. Hay's (1988) method uses the confusion matrix C , normalised so that column totals add to one, which assumes

that the sampling rate is constant across interpreted classes.

Sampling for LCS88 was polygon based, but such that the probability of selecting a point for validation varied by location as well as by interpreted class. A cluster sampling scheme was adopted, in which several points were sampled within a predetermined area about each randomly selected location (the "cluster"), but with the restriction that every interpreted category in a cluster was validated exactly once. Define

D = confusion matrix by area, with elements

d_{ij} = total area of polygons with interpreted class i among those clusters selected for validation for which the associated (class i) validation point proved to belong to class j ;

Q = matrix D , normalised so that row sums are unity:

$$q_{ij} = d_{ij} / \sum_{j'=1}^n d_{ij'}.$$

Then the appropriate estimator \tilde{A} is obtained by replacing P by Q and p_{ij} by q_{ij} in the derivation for \hat{A} . Thus

$$\tilde{A} = \{q_{ij} \cdot I_i\} = I \cdot Q. \quad (4)$$

This method (expressed by Equation 4) is the same as the first method (Equation 3), except that a validation point that was interpreted as class i is given a weight equal to the total area within the cluster assigned by the interpreter to class i . Note that this weight is the sum of areas of all polygons assigned to class i that fall within the cluster from which the sampled polygons were drawn, irrespective of whether they were selected for validation. It is not necessary to assume that all land cover interpreted as class i in the cluster was actually class j ; the weights merely ensure that each point contributes to estimation in a way that removes the effects of sampling bias. The sampling bias is introduced deliberately to increase efficiency.

The variance of element ij of matrix \hat{A} , say \hat{a}_{ij} , may be estimated by noting that c_{ij} is distributed as binomial (c_i, π_{ij}) , where

$$c_i = \sum_{j=1}^n c_{ij}$$

and π_{ij} is estimated by p_{ij} .

$$\text{Thus } \hat{\text{var}}(\hat{a}_{ij}) = \hat{\text{var}}(p_{ij}) \cdot I_i^2 = \frac{I_i^2 \cdot p_{ij} \cdot (1 - p_{ij})}{c_i}. \quad (5)$$

Because p_{ij} and $p_{i'j}$ are independent for $i \neq i'$ (i.e. elements of P that are in the same column are independent),

$$\hat{\text{var}}(\hat{J}_j) = \sum_{i=1}^n \hat{\text{var}}(\hat{a}_{ij}). \quad (6)$$

Variance estimates follow similarly for \tilde{A} , except that each point contributing to the frequency count c_i is now weighted by the area of interpreted class i belonging to the cluster from which the point was chosen. Define

m = number of clusters from which validation points are selected;

w_{ik} = area of interpreted class i in cluster k , $k=1, \dots, m$. Then

$$\hat{\text{var}}(\tilde{a}_{ij}) = \hat{\text{var}}(q_{ij}) \cdot I_i^2 = \frac{I_i^2 \cdot q_{ij} \cdot (1 - q_{ij}) \cdot \sum_{k=1}^m w_{ik}^2}{\left\{ \sum_{k=1}^m w_{ik} \right\}^2} \quad (7)$$

$$\text{with } \hat{\text{var}}(\tilde{J}_j) = \sum_{i=1}^n \hat{\text{var}}(\tilde{a}_{ij}). \quad (8)$$

These estimators are identical to the previous estimators when all weights are equal. Note that $c_i \leq m$; $w_{ik} = 0$ for clusters that contain no land cover interpreted as class i . Note also that

$$\sum_{k=1}^m w_{ik} = \sum_{j=1}^n d_{ij} = d_i. \text{ say.}$$

In reality, independence between q_{ij} and $q_{i'j}$ for $i \neq i'$ is not guaranteed under a cluster sampling scheme, even if just one point of each interpreted class is selected for validation from a given cluster. This is because two validation points within a single cluster may belong to the same land cover class, even though their interpreted classes differ, so that a single cluster may contribute to more than one cell in a single column of matrix Q . For practical purposes, the effect can usually be ignored, but if a dataset is obtained for which this occurrence is common, variances should be obtained by treating the cluster as the sampling unit. This is readily done by using the nonparametric bootstrap. A

bootstrap sample is generated by sampling clusters *with replacement* from the full list of validation clusters until the number of clusters in the bootstrap sample is equal to the number in the true validation sample. Some clusters will not occur in this bootstrap sample, and some will occur more than once. Estimates are obtained from the bootstrap sample for each parameter of interest. The process is repeated many times, and the sample variance of the bootstrap estimates of a given parameter is the estimated variance of the parameter estimate. Robust confidence intervals for parameters of interest may be obtained by extracting bootstrap estimates corresponding to given percentiles from the full bootstrap sample (Buckland, 1984). Note that this method differs from the analytic method both in that it does not assume independence between elements of Q in the same column and in that it allows d_i to vary, whereas the analytic method conditions on the d_i .

5.5.6 Correcting land cover areas: worked example

We now return to the example confusion matrix (Table 5.3) and use the areas of the relevant land cover features derived from the LCS88 dataset (Table 5.5).

Woodland type	area , sq km
Coniferous	6136
Broadleaved	1028
Mixed	855

Table 5.5 Areas of land cover features shown in Table 5.3 and computed from LCS88 Release 1

Allowing for the differential sampling rates across the categories, Equation 3 yields:

$$\hat{A} = I \cdot P$$

$$= \begin{bmatrix} 6136 & 0 & 0 \\ 0 & 1028 & 0 \\ 0 & 0 & 855 \end{bmatrix} \cdot \begin{bmatrix} 0.925 & 0.022 & 0.053 \\ 0.036 & 0.892 & 0.072 \\ 0.131 & 0.301 & 0.568 \end{bmatrix}$$

$$= \begin{bmatrix} 5676 & 135 & 325 \\ 37 & 917 & 74 \\ 112 & 257 & 486 \end{bmatrix} \quad \begin{matrix} 6136 \\ 1028 \\ 855 \end{matrix}$$

$$\begin{matrix} 5825 & 1309 & 885 & 8019 \end{matrix}$$

Note that the row sums are the interpreted totals by class; the estimated actual totals, \hat{J}_j , are given by the column sums. The percentage changes in estimated area of coniferous, broadleaved and mixed woodland are -5%, +27% and +4% respectively.

The areas of the interpreted data by class for the validation kilometre squares are not currently available. The second estimator is illustrated using fictitious data. It is assumed that, on average, polygons of coniferous woodland are six times the area of both broadleaved and mixed woodland polygons. In addition, small polygons are more likely to be misinterpreted than large polygons; also assumed here is that polygons of class j that are misinterpreted are on average half the area of polygons of the same class that are correctly interpreted. A further assumption is that, in total, 30km² of coniferous woodland was present in the validation squares. This yields the confusion matrix by area:

$$D = \begin{bmatrix} 28.50 & 0.06 & 0.15 \\ 0.53 & 4.58 & 0.20 \\ 0.97 & 0.38 & 1.58 \end{bmatrix} \quad \begin{matrix} 28.71 \\ 5.31 \\ 2.93 \end{matrix}$$

$$\begin{matrix} 30.00 & 5.02 & 1.93 & 36.95 \end{matrix}$$

Row normalisation gives

$$Q = \begin{bmatrix} 0.993 & 0.002 & 0.005 \\ 0.100 & 0.862 & 0.038 \\ 0.331 & 0.130 & 0.539 \end{bmatrix}$$

so that

$$\bar{A} = I \cdot Q = \begin{bmatrix} 6093 & 12 & 31 \\ 103 & 886 & 39 \\ 283 & 111 & 461 \end{bmatrix} \quad \begin{matrix} 6136 \\ 1028 \\ 855 \end{matrix}$$

$$\begin{matrix} 6479 & 1009 & 531 & 8019 \end{matrix}$$

Thus allowance for the sizes of the interpreted polygons has resulted in percentage changes in estimated areas of coniferous, broadleaved and mixed woodland of +11%, -23% and -40%. As noted above, only this estimator is valid given

the survey design. Although the method of Hay (1988) yields similar estimates to those obtained from \tilde{A} , this is fortuitous; two assumptions of Hay's method are seriously violated here. Correcting for one source of bias gives large adjustments to area estimates in one direction, and correcting for the second source of bias gives adjustments of similar magnitude, but in the opposite direction. The example shows that the potential for bias in areas of rarer categories especially, is large if an inappropriate method of correction is used (Table 5.6).

For estimator \tilde{A} , the variances of \tilde{a}_{ij} and of \tilde{J}_j are given by Equations 7 and 8 respectively. Standard errors are obtained by taking square roots. Again, the calculations cannot be done on real data as the areas w_{ik} are not yet available. If the variance of the non-zero w_{ik} is assumed to be equal to their mean within each interpreted class i , then the following are obtained for our sample data:

$$\{se(\tilde{a}_{ij})\} = \begin{bmatrix} 100 & 53 & 84 \\ 135 & 155 & 86 \\ 237 & 169 & 251 \end{bmatrix}$$

$$\{se(\tilde{J}_j)\}' = [290 \quad 235 \quad 278]$$

5.5.7 Calculating error rates for different levels in the classification hierarchy

As noted in Section 5.5.3 error rates are likely to be different at different levels in the hierarchy. The following provides background to how error rates have been calculated separately for each level.

The use of mosaics generates difficulties for defining error rates. For example, a mosaic may in reality comprise three or more categories, whereas interpreters and validators were allowed to use only two. If interpreter and validator agreed on the dominant component but not on the subsidiary component, should this be considered an error? The options for defining "error" are further increased in instances where land cover within the hectare was sufficiently variable or mixed to allow more than one correct interpretation. Error rates also differ markedly between different levels in the classification hierarchy, and between different land cover features. Thus error rates are estimated separately for each confusion matrix (Appendix C). Further three kinds of rate are defined, confusion rate, error rate and contradiction rate:

i) **confusion rate:** The percentage of points for which the interpreted category does not match the validated category exactly. If the validator recorded more than one acceptable category, confusion did not match either of the first two validated categories;

ii) **error rate:** As for confusion rate, unless a mosaic was recorded by the interpreter and/or validator. For mosaics, the interpretation is considered to be in error unless either (a) both elements of the mosaic match, although the interpreter and validator are allowed to disagree on which element is dominant; or (b) the dominant (first) element of the mosaic matches. As for the confusion rate, the match can be with either of the first two assessments of the validator if he recorded more than one;

Land cover class	Method			
	no correction	matrix inversion	\hat{A}	\tilde{A}
Coniferous woodland	6136	6691	5825	6479
Broadleaved woodland	1028	860	1309	1009
Mixed woodland	855	469	885	531

Table 5.6 *Estimated total area of coniferous, broadleaved and mixed woodlands in Scotland. The matrix inversion method is appropriate only if a simple random sample of points is selected for groundtruthing. Estimator \tilde{A} allows the sampling rate to vary according to location even within an interpreted class, and is the only valid method for the LCS88 data*

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Interpreted category	Validated category	confusion rate				error rate				contradiction rate			
		level: 1	2	3	4	1	2	3	4	1	2	3	4
1411/1332	1411/1331	Y	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y
1411	1411/1332	Y	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y
1422/1332	1412/1332	Y	Y	N	N	Y	Y	N	N	Y	Y	Y	Y
1332/1412	1411/1331	Y	N	N	N	Y	Y	Y	N	Y	Y	Y	N
2211/1331	2111	N	N	N	N	Y	N	N	N	Y	N	N	N
1331/2211	2111	N	N	N	N	N	N	N	N	Y	N	N	N

Table 5.7 Examples illustrating calculation of confusion rate, error rate and contradiction rate at different levels of the hierarchy. The category codes are hierarchy codes of Appendix C, Table 1; a mosaic is indicated by two four-digit codes separated by a 'I'. 'Y' indicates agreement between interpreter and validator under the criterion indicated, and 'N' indicates disagreement

- iii) **contradiction rate:** As for confusion rate, unless a mosaic was recorded by the interpreter and/or validator. For mosaics, the interpretation is considered to contradict the validator's assessment if neither element of the interpreted category matches either element of the validated category. Again, if the validator made more than one assessment, the interpretation must contradict both of the first two assessments to count as a contradiction.

Examples illustrating calculation of rates at different levels of the hierarchy are shown in Table 5.7.

Thus confusion rate is the percentage of points for which there was not complete agreement between interpreter and validator, whereas the contradiction rate is the percentage of points for which disagreement was complete. The error rate is between the two extremes, and is probably the best indicator of accuracy. For levels 1-3 of the hierarchy, all three rates were calculated using the first two assessments of the validator, if more than one was given. At level 4, each category is common to more than one level 3 category. To reduce the number of confusion matrices, it is summed across level 3 categories in this case. However, this creates problems in defining error rates: if the validator

recorded scattered rock outcrops, and the interpreter recorded no scattered rock outcrops, then an error has occurred, but if the interpreter recorded a level 3 category that doesn't permit a subdivision into rock outcrops or no rock outcrops, an error has occurred at level 3, but it is not known whether an error would have occurred at level 4 had the interpreter been asked if rock outcrops were present. Thus, error rates corresponding to the level 4 confusion matrices are not quoted. The average error rates at level 4 across all categories, given in Tables 2 to 4, are calculated assuming that the level 4 category is wrong if the level 3 category is, even if both interpreter and validator recorded the same value for a dichotomous variable shared by the two level 3 categories.

In general, more than one point from a given 1 km square contributes to the estimated rates. It is not valid to assume that points from the same square are independent, so that the binomial standard error, given above, is inappropriate. Instead, we obtain the standard error using cluster sampling:

$$se(p) = \frac{\sqrt{\sum_{i=1}^n M_i^2 (p_i - p)^2}}{n\bar{M}}$$

where p = overall error rate
 p_i = error rate for 1 km square i ,

n = number of 1 km squares in the sample,
 M_i = number of points from 1 km square i that contribute to the relevant confusion matrix, and

$$\bar{M} = \frac{\sum_{i=1}^n M_i}{n}$$

This form of estimator has been chosen to be consistent with the binomial estimator; if $M_i = 1$ for every 1 km square, the estimators are equivalent:

$$\begin{aligned}
 se(p) &= \frac{\sqrt{\sum_{i=1}^n (p_i - p)^2}}{n} \\
 &= \sqrt{\frac{\sum_{i=1}^n p_i^2 - 2p \sum_{i=1}^n p_i + np^2}{n^2}} \\
 &= \sqrt{\frac{100np - 2np^2 + np^2}{n^2}}
 \end{aligned}$$

because p_i is equal to either 0% or 100%, so that $\sum_{i=1}^n p_i^2 = 100 \sum_{i=1}^n p_i = 100np$. Hence

$$se(p) = \sqrt{\frac{p(100 - p)}{n}}$$

Approximate 95% confidence intervals for the error rates were obtained by assuming that the rates are log-normally distributed, which is likely to be adequate for rates of up to around 40%. Thus a 95% confidence interval for π is given by $(p/C, p \cdot C)$, where $C = \exp[1.96 \cdot se(\log_e p)]$

$$\text{and } se(\log_e p) = \sqrt{\log_e \left[1 + \left\{ \frac{se(p)}{p} \right\}^2 \right]}$$

These intervals are calculated only where sample size exceeds 20.

The selection of 1 km squares for groundtruthing was stratified by distance from the nearest point of access, to increase the efficiency of sampling. Because many mosaics were recorded on a handful of occasions and because error rates were required by category, sample sizes in the analyses were often small.

To alleviate this difficulty, the above analysis ignores the stratification scheme. Thus the error rates are valid provided the probability of an interpretation error is independent of distance from the nearest point of access for any given land cover category. This assumption seems reasonable, given that the photo interpreter is unaffected by accessibility of the area interpreted. However, if the overall rates are calculated by combining results across categories, they would be underestimated, as the land cover in the undersampled stratum of relatively inaccessible squares is predominantly semi-natural ground vegetation, for which error rates are relatively high. For overall error rates only therefore, we adopt a stratified analysis as follows.

Let the three strata be denoted by $s = 1, 2$ or 3 , where $s = 1$ corresponds to the most accessible stratum. Let the error rate for stratum s , across all land cover categories in that stratum, be denoted by p_s . This is obtained independently for each stratum, using the above result from cluster sampling. To estimate the overall error rate across strata, the relative size of stratum s may be estimated by the number of randomly selected squares in each stratum before deletion of squares in the two less accessible strata. Thus the weights assigned to each of the strata were taken to be $w_1 = n_1$, $w_2 = n_2/0.80$, and $w_3 = n_3/0.59$. The overall error rate is then given by

$$p_t = \frac{\sum_{s=1}^3 w_s p_s}{\sum_{s=1}^3 w_s}$$

$$\text{with } se(p_t) = \frac{\sqrt{\sum_{s=1}^3 [w_s se(p_s)]^2}}{\sum_{s=1}^3 w_s}$$

5.5.8 Error rates at different levels in the LCS88 classification hierarchy: results

Because of the large number of mosaic categories it is not feasible to reproduce a complete confusion matrix. Instead, in Appendix C a full matrix is given only for the first level, corresponding to the principal land

cover features (Appendix C, Table 5). At the second level the confusion matrix is given for each first level principal land cover feature (Appendix C, Tables 6 to 11). The third level, equivalent to main land cover features is similarly summarised (Appendix C, Tables 12 to 33). The fourth level sub-categories are summarised separately, (Appendix C, Tables 34 to 37).

(The reader should note that the coding system used in all the confusion matrices presented in Appendix C follows the conventions laid down in Table 1. This is preferred to the standard feature codes in this instance because the numbering system is consistent with the hierarchical structure of the classification, e.g.:

1000 Semi-natural ground vegetation
1100 Heather and dwarf shrub heathland
1110 Dry heather moor
1111 no rock, no burning, no scattered trees)

Overall confusion, error and contradiction rates are shown in Appendix C, Tables 2, 3 and 4 respectively. These show that confusion rates are high, apart from level 1 of the hierarchy (Table 2), ranging from 5.90% at level 1 to 30.18% at level 3. Error rates are lower, with a range of 4.00% to 19.49% across the same levels (Table 3), whilst complete contradiction between the validator is very low from 0.02% to 2.12% (Table 4).

A better understanding of the above results is gained by examining the individual confusion matrices (Appendix C, Tables 5 to 38). A brief assessment follows:

- i) Table 5 shows that the commission and omission error rates for the principal categories of land cover are low, except where mosaics occur and for the 31 instances where the interpreted feature was not located by the validator. (Note: error rate of Table 5 differs from Table 3 level 1 error rate because the latter allows for stratification of squares according to accessibility);
- ii) at level 2 of the hierarchy (Tables 6 - 11) confusion rates are highest for **semi-natural ground vegetation** (Tble 6) with mosaics the greatest source of confusion. The overall error rate for semi-natural vegetation is estimated at 14.4% (95% c.i. 12.6 - 16.4%);

iii) Table 7 shows that confusion rates are also quite high for **woodland cover**. This appears largely due to confusion between mixed woodland and both coniferous and broadleaved woodland. The overall error rate for woodland cover is estimated at 14.7% (95% c.i. 12.5 - 17.3%);

iv) Table 8 shows that confusion rates for **agricultural land** are very low except where it forms a mosaic with semi-natural ground vegetation. The overall error rate for agricultural land is 0%;

v) Table 9 shows that again the interpretation was very accurate for **farms and developed rural land** with only one example of confusion from a sample of 343 validation points. The overall error rate is 0%;

vi) **bare ground** showed no confusion at level 2 (Table 10) and the miscellaneous features showed only two instances of confusion giving an estimated error rate of 3.4% (95% c.i. 1.0 - 11.8%);

vii) Tables 12 - 33 provide the confusion matrices at level 3 of the hierarchy. The observations are broadly similar to those at level 2 but the confusion rates, as one would expect, are higher;

viii) a number of observations may be made in relation to Tables 34 to 37 which relate to the sub-category differentiation. Table 34 shows that the number of cases of confusion between rock outcrops present or absent is small relative to cases where interpreter and validator agree that rock outcrops are absent, but relatively large compared with cases where both agree that rock outcrops are present. Table 35 shows that the situation for scattered trees is similar. The cases of confusion probably arise primarily because it is difficult to judge which category is appropriate when a very few rock outcrops or trees are present. Table 37 shows that scattered farms were seldom recorded by the validator but quite frequently recorded

by the interpreter. This is an indication of the different scales involved; the interpreter assesses a wider area when examining an aerial photograph than does the validator on the ground, and hence is more likely to consider that the category of "scattered farms" applies. The same problem arises to a lesser extent in Table 36, where it is clear that the interpreter more commonly recorded strips of burnt heather than did the validator;

- ix) there are very low confusion rates between area, line and point features (Table 38).

5.6 Summary and conclusions

This chapter has comprehensively reviewed the factors which influence the accuracy of the LCS88 dataset. It has shown that of the four basic types of error in a spatial dataset (topological, referential, absolute and relative) only the referential error due to interpretation is not either quantifiable or controlled by data capture/quality control procedures. The actual error rates are summarised in Table 5.8.

The objective of the validation exercise was therefore to quantify the interpretation errors in the LCS88 dataset. Using a stratified random sampling framework, some 702 1 km squares were field checked at specified points. The results were summarised in a series of confusion matrices which formed the basis of the statistical analysis.

The analyses show that interpretation error rates depend upon classification level. Overall error rates increase from level 1 to level 4 in the order 4.0, 13.3, 19.5 to 25.3% (Appendix C, Table 3). Within the levels of the hierarchy, the error rates are dependent upon the land cover features and are quite variable. For example, semi-natural ground vegetation has an error rate of 14.41% and woodland cover 14.67%, whereas the error rate for agricultural land is 0%. All the rates have 95% confidence intervals quoted.

The use of the validation results to provide corrected area estimates for the national land cover statistics has been discussed and a method which incorporates the sampling design has been presented. However, it is pointed out that the size of the validation survey was determined by expected precision of national error rates, and if the method is applied at a sub-national level, corrections may be too imprecise for most purposes.

The chapter has highlighted the need for better understanding of the nature of error in spatial data and how to deal with it. It is hoped that by providing a fuller account than might have otherwise been deemed necessary, the user of the data is now more aware of the strengths and weaknesses of the LCS88 dataset

Error type	Magnitude	Notes
Topological	0%	
Referential	0%	map labelling
		interpretation error
	4.0%	level 1
	13.3%	level 2
	19.5%	level 3
	25.3%	level 4
		(see Section 5.5)
Absolute	< 19.26m	base map positioning (theoretical worst case)
	± 8.75m	feature location (theoretical)
	± 28.01m	combined error (theoretical worst case)
	± 12.33m	mean combined error (observed)
	± 39.65m	maximum combined error (observed worst case)
Relative	variable	estimates of area are polygon specific
	ca. 50m	relative errors introduced through capture process

Table 5.8 Summary of types and magnitudes of error in the LCS88 dataset. Theoretical values are in light, measured values are in **bold**

and can incorporate that understanding in their use of it. It is clear that for certain land cover features at the lower levels of the classification hierarchy, the error rates exceed the 15% threshold set by Anderson *et al.*, (1976). This was anticipated in Section 3.2.3 and more fairly reflects the limitations of 1:24 000 photography as a data source than the skills of the photo-interpreters.

6. Preliminary statistical report on the LCS88 dataset (Release 1: March 1993)

6.1 Aim

The LCS88 dataset can be summarised in either map or statistical form. In either case the most appropriate form is defined by the user. In producing a standard statistical report, therefore, it is acknowledged that this will not satisfy all users, either in terms of the geographic units selected, or the way the land cover features are summarised. For users requiring statistics for specific areas (e.g. river catchments, SOAFD parishes or census enumeration districts) or for specific groupings of land cover features, such needs can be met by MLURI on request. Please view the national, regional and district reports that have been produced as being illustrative as well as potentially informative!

The aim of this chapter and Appendix E is to provide a summary of the LCS88 land cover features on a national, regional and district basis. This statistical breakdown is based upon the 50 m raster dataset (Release 1). The administrative district boundaries are derived from a 1:50 000 base compiled between 1983 and 1989. Local boundary reforms since that date will not therefore be recognised although this is unlikely to be a significant source of error.

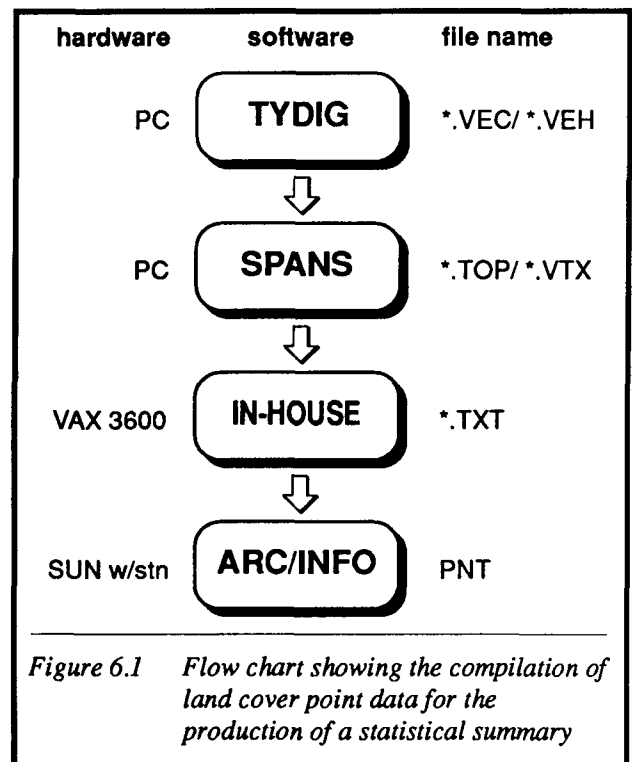
6.2 Methods and datasets

There are three land cover feature types: points, lines and polygons (areas). The raster dataset only contains points and polygons. (Line features will be reported at a later date in association with the national vector dataset - Release 2.)

6.2.1 Point data

The point data were compiled for the purposes of statistical summary into a single dataset according to the flowchart given as Figure 6.1. The point data were exported from TYDIG as a string of ASCII characters, one line per point.

Location was given by latitude and longitude in decimal representation followed by three integers the last of which is the feature code. The point data are summarised only on a national level (Table 6.1) and no commentary is provided.



6.2.2 Polygon data

The polygon data were calculated by overlaying the LCS88 50 m raster dataset on an existing 1:50 000 administrative boundary dataset (see above). Because of the errors associated with line digitising (Chapter 5), the 50 m data resolution was viewed as the largest which could be supported by the original scale of the map graphic.

Calculation of the statistics for each local authority area required a standardisation exercise to be carried out between the coastlines of the two datasets and the Scotland-England border. The coastline used in the LCS88 project was Mean High Water Springs, as mapped on the Ordnance Survey 1:25 000

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code	number	%	description
1	38409	33.08	Isolated farmsteads, with no trees
2	37077	32.67	Isolated farmsteads, with trees
3	115	0.10	Factories
6	151	0.13	Cemeteries
7	24	0.02	Recreational land
13	2950	2.55	Quarries and opencast
15	33	0.03	Bings and refuse tips
19	17868	15.66	Water
29	448	0.39	Built-up land
72	4544	3.98	Coniferous woodland (plantation)
75	350	0.32	Coniferous woodland (semi-natural)
78	10390	9.14	Undifferentiated broadleaved woodland
81	2126	1.91	Undifferentiated mixed woodland
82	14	0.01	Undifferentiated low scrub
83	4	n.s	Recently ploughed land for afforestation
85	6	n.s	Open canopy young plantation
TOTAL	116172	100.00	

*Table 6.1 Point data in LCS88. Provisional national summary statistics
(March 1993 - from Release 1 raster data)*

scale Pathfinder Series maps. The national border was also taken from the 1:25 000 scale maps. The LCS88 digitising was done up to the border and not beyond (although the interpretation extended further to ensure complete coverage).

Processing of the administrative dataset and production of the area calculations were undertaken on a district-by-district basis with regional figures being derived from the component districts. For those authorities which have a coastal border (40 out of a total 56 authorities) image processing routines were used in order to define a single coastline.

There are two alternative situations with respect to the coastline when two datasets are overlaid:

- i) the land cover extends beyond or exactly fits the administrative coastline;
- ii) the administrative coastline extends beyond the LCS88 coastline. Both of these two circumstances will occur along a stretch of coast unless there is a systematic displacement of one or other.

(There is no evidence of such a displacement in the LCS88 dataset.)

The processing required in case one is a clip of the administrative dataset by the LCS88 dataset. The second case requires the administrative dataset to be extended beyond its own coastline. This case arises in situations where the LCS88 dataset includes salt marshes beyond the coastline (Annandale and Eskdale); sand bars which have boundaries which are unstable (Nairn); coastal cliffs where the Mean High Water Springs may not align to the base of the cliff but further out to the seaward side (Berwick); reclaimed land which is evident at the scale of LCS88 and not recorded on the 1:50 000 dataset (Dunfermline).

The solutions to the second case were to digitise the additional boundary lines if they did not follow a straight line out from the previously mapped boundary, or to extend the boundary line out perpendicularly to the coast until all of the LCS88 data were included. All the image processing routines used were available within the ERDAS package.

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Summary category title		LCS88 feature codes	Mosaic codes in which both components fall within the same summary category
A	Arable	Arable 100-107	
B	Improved grassland	Improved pasture 90-97	394, 700
C	Good rough grassland	Smooth grassland 150-163, maritime grassland 191	303, 356, 387, 395, 397, 413, 426, 450, 458, 464, 465, 492, 493, 519, 540, 554, 575, 590, 591, 651, 653, 664, 709, 801, 803, 855, 965, 976, 1020, 1059, 1064, 1070, 1082, 1100, 1115, 1132, 1134, 1140, 1195, 1202, 1212, 1219, 1237, 1245, 1249, 1256, 1276, 1349, 1355, 1370, 1399, 1402, 1455
D	Poor rough grassland	Nardus/ Molinia 140-143	915
E	Bracken	Bracken 170-173	1356
F	Heather moorland	Heather moorland 110-137	246, 462, 463, 641, 642, 665, 808, 813, 859, 874, 916, 982, 986, 987, 989, 990, 991, 1030, 1054, 1141, 1270, 1339, 1352
G	Peatland	Blanket bog/ peatland 180-186	309, 342, 596, 657, 666, 673, 689, 690, 692, 1160
H	Montane	Montane 222-223	391, 392, 422, 423, 430, 431, 529, 576, 578
I	Rock and cliffs	Cliffs, bare rock, crag, screes 10	
J	Felled woodland	Recent felling 84	
K	Recent planting	Ploughing 83, ripping 87, open canopy 85	569, 802
L	Coniferous plantation	Coniferous plantation 70	1170
M	Semi-natural coniferous	Coniferous semi-natural 73	
N	Mixed woodland	Undiff. mixed woodland 79	
O	Broadleaved	Undiff. broadleaved 76	
P	Scrub	Undiff. scrub 82, rhododendron scrub 86	
Q	Fresh waters	Water 18	
R	Marshes	Wetlands 200-203	
S	Salt marshes	Undiff. salt marsh 190	
T	Dunes	Duneland 210-213	319, 334, 347, 506, 723, 827, 1152, 1165, 1200, 1236
U	Tidal water	Estuary 24	
V	Rural development	Isolated building with trees 2, factory 3, airfield 4, golf course 5, cemetery 6, recreation 7, quarries 12-13, bings 14-15, paths 16, road 21, rail 22, ski areas 28	1267
W	Urban	Built-upland 20	
X	Missing photography/ obscured land	No photo 25, cloud 26, snow 27, invalid codes 146, 159, 164, 169, 178	1014
Y	Mosaics of types above	see separate list	

Table 6.2 Summary land cover categories defined in terms of LCS88 feature codes

Inspect boxes in order **1, 2, 3**

Refer to Section 6.3.1 for additional notes

summary categories are defined
according to groups of LC588 features
(see Table 6.2)

1. Simple
breakdown

Cover types		single feature area %	
Open countryside			
A	Arable	6.0	0.2
B	Improved grassland	99.3	3.2
C	Good rough grassland	26.0	0.8
D	Poor rough grassland	12.4	0.4
E	Bracken	0	0
F	Heather moorland	246.6	8.0
G	Peatland	446.9	14.5
H	Montane	46.9	1.5
I	Rock and cliffs	32.2	1.0
Woodland			
J	Felled woodland	0	0
K	Recent planting	3.9	0.1
L	Coniferous plantation	5.1	0.2
M	Semi-natural coniferous	0	0
N	Mixed woodland	0.9	N.S
O	Broadleaved	0.1	N.S
P	Scrub	0.1	N.S
Wet ground			
Q	Fresh waters	180.5	5.8
R	Marshes	8.8	0.3
S	Saltmarshes	4.2	0.1
T	Dunes	46.8	1.5
U	Tidal waters	0	0
Developed			
V	Rural development	5.8	0.2
W	Urban	4.3	0.1
Other			
X	Missing photography/obscured land	1.9	0.1
SUBTOTAL		1179.2	38.2
Y	Mosaics of types above	1911.6	61.8
ISLAND AUTHORITY TOTAL		3090.9	100.0

3. Summary categories
in mosaics

features in mosaics		primary	secondary
Arable		18.0	10.0
Improved grassland		129.3	34.1
Good rough grassland		11.4	77.3
Poor rough grassland		14.1	17.7
Bracken		0.4	0.2
Heather moorland		791.9	509.7
Peatland		890.2	1180.1
Montane		23.5	15.9
Rock and cliffs		12.5	39.2
Felled woodland		0	0
Recent planting		N.S.	N.S.
Coniferous plantation		N.S.	0.6
Semi-natural coniferous		0	0
Mixed woodland		0	0
Broadleaved		0	0
Scrub		0	0
Fresh waters		N.S.	0.2
Marshes		1.9	3.2
Saltmarshes		0.1	0.1
Dunes		17.5	22.3
Tidal waters		0	0
Rural development		0.6	0.8
Urban		0	0
Missing photography/obscured land		0.1	0.1
SUBTOTAL		1911.6	1911.6

Example:

ARABLE6 km² as single
feature18 km² total area with
arable as primary
feature of mosaic10 km² total area with
arable as secondary
feature of mosaicNB total area of
arable does not equal
6 + 18 + 10 km² (refer
to Section 6.3.1)**2.** Mosaics
aloneMosaics known to be
significant over
Scotland as a wholeMosaics of local but not
national significanceMosaics which have no
national or local
significanceNB Mosaics in which both
components are in the same
summary category are
included in
Remaining Mosaics

Nationally significant mosaics			area	%
FG	Heather moorland	Peatland	1248.5	40.4
DF	Poor rough grassland	Heather moorland	5.6	0.2
CF	Good rough grassland	Heather moorland	5.8	0.2
GH	Peatland	Montane	39.5	1.3
CD	Good rough grassland	Poor rough grassland	3.6	0.1
BC	Improved grassland	Good rough grassland	69.3	2.2
CE	Good rough grassland	Bracken	0	0
DG	Poor rough grassland	Peatland	13.9	0.4
FH	Heather moorland	Montane	0	0
SUBTOTAL			1385.2	44.8
Locally significant mosaics			area	%
BG	Improved grassland	Peatland	45.0	1.5
GI	Peatland	Rock and cliffs	41.0	1.3
BF	Improved grassland	Heather moorland	35.1	1.1
AT	Arable	Dunes	28.0	0.9
BD	Improved grassland	Poor rough grassland	8.8	0.3
SUBTOTAL			157.9	5.1
Remaining mosaics			367.5	11.9
MOSAICS OF SUMMARY COVER TYPES			1911.6	61.8

Table 13.0.1

total area of
interpreted features**Western Isles**Land cover summary
categories

All areas are expressed in square kilometres
to 1 decimal place; the totals shown may not
match the totals of the columns due to
rounding error discrepancies; 0 = not
present; N.S. = not significant = < 0.05.
Please refer to Figure 6.2 for guidance in the
interpretation of this table.

mosaic ordering is not
significant
i.e. Peatland/Montane includes
Montane/Peatland

* total area of mosaics
(same figure should appear in boxes 1
and 3 also)

all % figures are percentage of the
total area

Figure 6.2 Guidance notes for interpreting summary tables of the form x.x.1 in Appendix E

6.3 Structure of the statistical reports (Appendix E)

The preliminary statistical reports presented in Appendix E are based upon analysis of the Release 1 (50 m raster) LCS88 data, overlaid with the 1:50 000-derived 50 m raster administrative areas data. In order to retain a comparatively simple table structure, the area estimates given represent the raw data totals. No account is taken of the uncertainties associated with these area estimates (see Chapter 5) and the reader should treat the estimates as first approximations.

Statistical reports are given for three administrative levels: national, regional and district. For each administrative unit three tables of statistics are presented. The first provides a summary of land cover, the other two provide total audits of the land cover where mosaics are handled in different ways. A more detailed explanation follows, together with guidance on interpretation.

6.3.1. *Tables of the form x.x.1: Land cover summary categories*

These summary categories are intended to provide a general impression of the land cover and were chosen in consultation with SOEnD, SNH and FC on the basis of their being useful at the general policy level. Their precise definition in terms of LCS88 land cover feature codes is given in Table 6.2. The general categories are: Open countryside, Woodland, Wet ground, Developed and Other.

Some guidance is required in the interpretation of this table, particularly in relation to the treatment of features in mosaics. Figure 6.2 provides an annotated example of the summary table for the Western Isles and a more detailed explanation is given below.

The table recognises the difference between single land cover features and features in mosaics. Further, because there are some nine mosaics which, from the national statistics, are known to be of national significance (e.g. heather/peatland) the areas of these are

reported. Mosaics of local, but not national, significance are also reported on.

The top left box (1) provides the most simple breakdown of areas. In the illustration for the Western Isles (Figure 6.2) it can be seen that some 1 911.6 km² or 61.8% is mosaic. Moving to the bottom left box (2) it can be seen that of this 1 911.6 km² some 1 248.5 km² (N.B. 40.4% of the *total* area) is a mosaic of heather/peatland in *either order* (i.e. includes areas where peatland is the primary feature).

The top right box (3) provides a report on the summary categories as they are recorded in mosaics. Taking arable as an example, it can be seen that some 18.0 km² has arable as the primary feature of a mosaic (NB the other feature is not specified) whilst some 10.0 km² has arable as the secondary one, again where the other feature is not specified. Note that in order to calculate the total area of the arable category (i.e. single features + where it occurs in a mosaic) does not involve adding up 6+18+10! This would give an over-estimate of arable because it includes the area of the other mosaic components. To calculate the area of arable first requires an assumption about the proportions of primary and secondary features in the mosaics. As a working rule a 60:40 ratio might be assumed. The actual area of arable is then approximated as: 6 + (60% of 18) + (40% of 10), which is 20.8 km².

The illustration for the Western Isles shows that the land cover is predominantly heather moorland and peatland (77%) over half of which is in heather/peatland mosaic. Cross-reference with the national summary figures (Appendix E, Table 1.0.1) will enable these figures to be assessed in terms of the national heather moorland/peatland resource. Other land cover categories can be similarly cross-referenced.

THE LAND COVER OF SCOTLAND 1988

LCS88 feature code

Table 13.0.2 Total audit of land cover features in Western Isles in which all mosaics are allocated according to primary or secondary feature.

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S. = not significant = < 0.05 sq km. Please refer to Figure 6.3 for guidance in the interpretation of this table.

code	single feature			description
	single feature	features in mosaics		
		primary	secondary	
8	0.2	0	0	Factory
4	4.3	0	0	Airfield
5	0.3	0.6	0	Golf course
6	0.1	0	0	Cemeteries
7	0.1	0	0	Recreational land
18	32.2	12.5	39.2	Rock and cliffs (area)
12	0.8	0	0.8	Quarries and opencast (area)
18	180.5	N.S	0.2	Water (area)
20	4.3	0	0	Built-up (area)
21	0.1	0	0	Transport features, road
25	0.8	0.1	0.1	No photography
26	1.2	0	0	Cloud cover
70	5.1	N.S	0	Coniferous plantation (area)
72	0	0	0.6	Coniferous plantation (point)
76	0.1	0	0	Undiff. broadleaved (area)
79	0.9	0	0	Undiff. mixed woodland (area)
82	0.1	0	0	Undiff. low scrub
83	3.2	N.S	N.S	Recent ploughing for forestry
85	0.8	0	0	Open canopy (young plantation)
90	37.7	67.9	13.8	Imp. pasture: no rock, no farms, no trees
92	19.9	31.9	0	Imp. pasture: no rock, farms, no trees
94	28.8	24.2	18.9	Imp. pasture: rock, no farms, no trees
96	13.5	5.2	1.4	Imp. pasture: rock, farms, no trees
100	6.0	17.9	10.0	Arable: no rock, no farms, no trees
102	0	0.1	0	Arable: no rock, farms, no trees
114	N.S	1.5	2.3	Dry heather moor: rock, no burning, no trees
120	3.1	60.9	90.2	Wet heather moor: no rock, no burning, no trees
121	0.3	0	0	Wet heather moor: no rock, no burning, trees
188	111.1	17.9	27.4	Blanket bog/peat. veg.: other peat workings
190	4.2	0.1	0.1	Undiff. salt marsh: no trees
191	9.7	4.7	2.9	Maritime grassland: no trees
200	1.4	0.2	0	Wetlands: no drains, no trees
201	7.4	1.7	3.2	Wetlands: drains, no trees
210	4.8	0.5	2.5	Bare dunes
211	5.6	2.4	1.2	Partially stabilized dunes
212	36.4	14.7	18.6	Links area: grass
221	0.5	0	0	recorded as 180
222	43.9	16.8	8.2	Undiff. montane veg.: rock
223	2.5	6.7	7.8	Undiff. montane veg.: no rock
TOTAL	1179.2	1911.6	1911.6	

N.B. Both mosaic columns total to the same figure, because both represent the TOTAL area of mosaic

for a method of calculating the total area of features, refer to Section 6.3.1

Figure 6.3 Guidance notes for interpreting statistical tables of the form x.x.2 in Appendix E

PRELIMINARY STATISTICAL REPORT

LCS88 feature code

Table 13.0.3 Total audit of land cover features in the Western Isles in which all mosaics are separately identified.

All areas are expressed in square kilometres to 1 decimal place; all percentages are expressed as % of the total area; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S. = not significant = < 0.05

code	area	%	description	
3	0.2	N.S.	Factory	
4	4.3	0.1	Airfield	
5	0.3	N.S.	Golf course	
6	0.1	N.S.	Cemeteries	
7	0.1	N.S.	Recreational land	
10	32.2	1.0	Rock and cliffs (area)	
12	0.8	N.S.	Quarries and opencast (area)	
18	180.5	5.8	Water (area)	
20	4.3	0.1	Built-up (area)	
21	0.1	N.S.	Transport features, road	
25	0.8	N.S.	No photography	
26	1.2	N.S.	Cloud cover	
70	5.1	0.2	Coniferous plantation (area)	
191	9.7	0.3	Maritime grassland: no trees	
200	1.4	N.S.	Wetlands: no drains, no trees	
201	7.4	0.2	Wetlands: drains, no trees	
210	4.8	0.2	Bare dunes	
211	5.6	0.2	Partially stabilized dunes	
212	36.4	1.2	Links area: grass	
221	0.5	N.S.	recoded as 180	
222	43.9	1.4	Undiff. montane veg.: rock	
223	2.5	0.1	Undiff. montane veg.: no rock	
code	area	%	primary feature	secondary feature
301	1.9	0.1	Undiff. smooth grass.: rock, no trees	Dry heather moor: rock, no burning, no trees
302	0.8	N.S.	Wet heather moor: rock, no burning, no trees	Maritime grassland: no trees
303	0.2	N.S.	Maritime grassland: no trees	Undiff. smooth grass.: rock, no trees
304	3.7	0.1	Wet heather moor: rock, no burning, no trees	Rock and cliffs (area)
305	17.9	0.6	Arable: no rock, no farms, no trees	Links area: grass
306	1.0	N.S.	Wetlands: drains, no trees	Imp. pasture: no rock, no farms, no trees
307	1.7	0.1	Blanket bog/peat. veg.: other peat workings	Imp. pasture: no rock, no farms, no trees
308	11.2	0.4	Imp. pasture: no rock, no farms, no trees	Blanket bog/peat. veg.: other peat workings
309	2.4	0.1	Blanket bog/peat. veg.: no erosion, no trees	Blanket bog/peat. veg.: other peat workings

abbreviated
feature
descriptions

single
features

mosaics

N.B. primary and
secondary
components are
distinguished

Figure 6.4 Guidance notes for interpreting statistical tables of the form x.x.3 in Appendix E

6.3.2 Tables of the form x.x.2: Total audit of land cover features where all mosaics are allocated according to primary or secondary feature

These tables provide a total audit of the land cover features in terms of the original LCS88 classification system of 126 classes (refer to Chapter 3). Figure 6.3 provides an illustration of this form of table, again using the Western Isles as an example.

It should be noted that, in these tables, mosaics are allocated according to the occurrence of the land cover feature as the primary or secondary component. The area figures record the *total*

area of the polygons where these occur; thus it is not possible to calculate total areas of the land cover feature without making an assumption about the area ratio of primary to secondary components (e.g. 60:40; refer to Section 6.3.1).

6.3.3 Tables of the form x.x.3: Total audit of land cover features with all mosaic combinations separately identified.

The tables provide a total audit of *all* the land cover features interpreted in terms of the original LCS88 classification system. They differ from tables of the form x.x.2 in that all the mosaics are separately identified (i.e. all 1327

codes are used). So all occurrences of a land cover feature as a single feature are noted as are all occurrences of it as a primary and secondary feature in a mosaic. Both components of mosaics are listed.

These tables represent the lowest level of statistical output from the LCS88 data and can be used if readers wish to develop their own systems for summarising the data. Please note, however, the comments in Section 6.1 that alternative summaries can be provided by MLURI on request.

6.4 Commentary on statistical reports

The following provides some initial commentary on the statistical tables which appear in Appendix E and are explained above. Because of the large volume of statistical information the comments are restricted to the national and regional summary tables (i.e. tables of the form x.0.1).

6.4.1 Scotland

Using the LCS88 dataset, the total land area for Scotland is shown to be 78 828 km². Of this, over 50% is covered by semi-natural ground vegetation, of which heather moorland (8.7%) and peatland (8.4%) are the largest single features. Together heather moorland and peatland as features in mosaics represent a further 22.3% of the total land area. Woodland cover types are found predominantly as a single features with coniferous plantation (7.8%), and recent planting (3.9%) accounting for the greatest area. Broadleaved woodland (1.3%), mixed woodland (1.1%) and semi-natural coniferous woodland (0.1%) account for (2.5%) of the area, roughly the same as urban (1.8%) and rural development (0.6%). The agricultural cover types arable (11.2%) and improved grassland (13.0%) are the most extensive single features and significantly they tend not to occur as mosaics, as is the case with woodland cover types. This contrasts markedly with the semi-natural cover the bulk of whose area occurs within mosaics.

6.4.2 Borders Region

Using the LCS88 dataset, the total land area for Borders Region is shown to be 4732 km². Of this, over 44% is arable and improved grassland as single features, whilst good rough grassland (3.9%) and poor rough grassland (12.0%) account for another 16%. This means that some 60% of the Region is arable or grassland. Of the remainder, recent planting (3.1%) and coniferous plantation (11.7%) account for 15%, and mosaics of poor rough grassland and heather moorland for a further 6%.

The Region is remarkable in the Scottish context for the predominance of the arable and grassland cover types (twice the national average), and the relative unimportance of heather moorland and particularly heather moorland mosaics. The low percentages of peatland should be noted. Overall the data indicate an area dominated by large land cover units reflected in the relative unimportance of mosaic features (11.3%).

6.4.3 Central Region

Using the LCS88 dataset the total land area of Central Region is shown to be 2703 km². Of this around 25% is made up of arable (12.8%) and improved grassland (11.7%) as single features. Rough grassland accounts for a further 6% including mosaics. Of the remaining area some 9% is accounted for by coniferous plantation and a further 5% by a combination of mixed woodland (2.5%) and broadleaved woodland (2.3%) which is over twice the national average. Some 35% of the Region is accounted for by mosaics in which heather moorland, peatland and poor rough grassland combinations predominate.

The Region is remarkable for the relatively high percentage of mixed and broadleaved woodland, and urban/ rural development. The breakdown of single feature and mosaic classes indicates an intermediate type of landscape which is more developed than average but which retains significant areas of the nationally extensive semi-natural vegetation types.

6.4.4 *Dumfries & Galloway Region*

Using the LCS88 dataset the total land area of Dumfries and Galloway Region is shown to be 6478 km². Of this, over 45% is represented by a combination of improved grassland (30.4%), good rough grassland (5.2%) and poor rough grassland (7.9%) as single features. Arable accounts for only 4.5%, less than half the national average, but recent planting (5.6%) and coniferous plantation (17.0%) account for over 22% of the area. This is over twice the national average. Only a very small proportion of the remaining area is accounted for by the nationally important semi-natural cover types of heather and peatland, the majority of the mosaics (totalling 16.8%) being grassland mixes.

The Region is remarkable for the very high percentage of grassland and coniferous plantation which together account for over 70% of the area. In contrast, the Region has very little in the way of nationally significant heather moorland or peatland cover.

6.4.5 *Fife Region*

Using the LCS88 dataset the total land area of Fife Region is shown to be 1319 km². Of this, over 65% is arable as a single feature with improved grassland (6.4%) and good rough grassland (3.5%) accounting for a further 10%. Of the remainder, over 10% is made up of urban (8.2%) and rural development (2.6%). Woodland is the largest remaining class with a total of just under 10% roughly divided between coniferous plantation, mixed woodland and broadleaved woodland. Only 2.2% of the area was mapped as mosaic and the nationally significant semi-natural communities of heather moorland and peatland are rare.

The Region is remarkable for the predominance of arable agriculture and improved grassland at some three times the national average.

Likewise, the urban and rural development is some four times the average. The lack of the nationally significant semi-natural categories is unusual amongst the Scottish Regions, with only Lothian having a similarly low amount.

6.4.6 *Grampian Region*

Using the LCS88 dataset the total land area of Grampian Region is shown to be 8755 km². Of this, around half is arable (36.5%) and improved grassland (12.6%) as single features, over twice the national average. Of the remaining area, heather moorland and peatland account for over 20% of which the majority is not mosaic. Recent planting (2.5%) and coniferous plantation (10.8%) account for another 13% represented as single features.

The Region is remarkable for the relatively high percentage of arable and improved grassland and the relatively low percentage of semi-natural features in mosaics.

6.4.7 *Highland Region*

Using the LCS88 dataset the total land area of Highland Region is shown to be 26 132 km². Around 44% of this area is represented by mosaic features of which heather moorland/peatland mosaics (31.5%) predominate. Heather moorland (12.8%) and peatland (13.4%) individually account for another 26% as single features. Of the remaining area, coniferous plantation (5.6%) and recent planting (3.7%) account for over 9%, and arable (2.1%), improved (4.3%) and good rough grassland (2.4%) for a further 9%. Because of its size, Highland Region contains significant areas of rare cover types such as broadleaved woodland (around one-third of the national total), and montane (around two-thirds of the national total).

The Region is remarkable because of the predominance of the semi-natural heather moorland and peatland (over 60%) and the comparative lack of agricultural land at about one-third of the national average. The complexity of the landscape is reflected in the predominance of the mosaic features.

6.4.8 *Lothian Region*

Using the LCS88 dataset the total land area of Lothian Region is shown to be 1730 km². Over 55% of this is arable (38.9%) and improved grassland (17.9%) as single features while urban (12.3%) and rural development (2.8%)

accounts for a further 15%. Semi-natural cover types are relatively unimportant, for example, heather moorland and peatland account for only about 9% including mosaics. The lack of complexity in the landscape is reflected in the fact that only 4% of the area is covered by mosaics of which those with a rural development component are unusual.

The Region is remarkable because of its high proportion of urban and rural development, which at over 15%, is some six times the national average.

6.4.9 Strathclyde Region

Using the LCS88 dataset the total land area of Strathclyde Region is shown to be 13 756 km². The most important single feature is improved grassland (21.1%); coniferous plantation (9.2%) and recent planting (7.9%) together total 17% as the second most important features. Apart from these features there are no other predominant cover types, although the rural development/urban class is almost three times the national average, while the arable area is significantly less than the average (0.7% as opposed to 11.2%).

Some 33% of the Region's landscape has mosaics, of which the majority are nationally significant types, predominated by mosaics of heather moorland and peatland (11.5%).

The Region is remarkable in terms of the relatively high proportion of improved grassland and coniferous plantation and the relatively small amount of arable land.

6.4.10 Tayside Region

Using the LCS88 dataset the total land area of Tayside Region is shown to be 7646 km². Over 74% of the Region is covered by single feature categories reflecting a predominance of relatively homogeneous landscape types. The principal single features are arable (25.3%) and heather moorland (12.3%) with grasslands accounting for a further 11.5% and woodlands 12.2%. Mosaics of heather moorland and peatland (10%) are the most significant mosaic type.

The Region is remarkable for its high percentage of arable land, over twice the national average, combined with a relatively low percentage of improved grassland, less than half the national average.

6.4.11 Orkney Islands

Using the LCS88 dataset the total land area of the Orkney Islands is shown to be 1012 km². Over 97% of the area is covered by single feature categories reflecting a predominance of relatively homogeneous landscape types of which improved grassland (55.1%), heather moorland (15.4%) and peatland (10.7%) are the most significant single features. Only 2.3% of the Islands' area has a land cover with features in mosaics.

The Orkney Islands are remarkable for the relatively few cover types represented and the predominance of improved grassland, which at 55.1% is over four times the national average. Arable and woodland features are remarkable by their absence.

6.4.12 Shetland Islands

Using the LCS88 dataset the total land area of the Shetland Islands is shown to be 1473 km². Almost 70% is covered by single feature cover types reflecting predominantly homogeneous landscape types dominated by peatland (36.3%), heather moorland (11.2%) and grassland (16.2%). Notably, of the 30.1% covered in mosaic features, the grassland/heather moorland mosaics predominate (10.2%).

The Shetland Islands, like the Orkney Islands, are remarkable for the restricted range of cover types present with insignificant areas of woodland and arable features. However, unlike Orkney, Shetland's landscape is dominated by semi-natural vegetation communities. Its peatland cover is over four times the national average.

6.4.13 Western Isles

Using the LCS88 dataset the total land area of the Western Isles is shown to be 3091 km². Just under 40% of this is represented by single

feature cover types reflecting the relatively heterogeneous nature of the landscape. Of this, peatland (14.5%) heather moorland (8.0%) and fresh waters (5.8%) account for the largest area. Of the 62% of mosaics around two-thirds is accounted for by mosaics of heather moorland and peatland. The dataset indicates therefore that while the landscape of the Western Isles is extremely heterogeneous in terms of the mixing of features, it has little diversity in terms of the range of cover types identified by the LCS88 dataset.

The Western Isles are remarkable for the degree to which peatland and heather moorland dominate the landscape (over 75%). Arable, grassland and woodland cover types are all significantly below the national average while the area covered by fresh waters is about three times the national average.

7. Publishing the dataset

7.1 Introduction

This chapter deals briefly with the legal, organisational and technical issues concerned with publishing the dataset.

7.2 Copyright

The Scottish Office retained ownership of the major part of the dataset. The exception is the coastline, which was digitised from lines on Ordnance Survey maps. Ownership of this part of the dataset is retained by Ordnance Survey. In recognition of this, all users of the dataset pay appropriate royalties to Ordnance Survey. Users other than sponsors will pay royalties to The Scottish Office. The Scottish Office retains the right to waive royalty payments for selected users (e.g. contractors working on projects commissioned by The Scottish Office).

7.3 Legal agreements

It was agreed between MLURI and The Scottish Office that MLURI would act as exclusive agents for the dataset, for an initial period of three years. It was seen to be important that marketing of an interpreted dataset, such as LCS88, be initially in the hands of the organisation responsible for its creation. Similarly, Ordnance Survey agreed that MLURI would act as agents in respect of the collection of royalties on their behalf. Legal documents for each of these agencies have been negotiated and agreed and copies are included in Appendix D.

In order to afford maximum protection to The Secretary of State, The Scottish Office required that the agreement controlling the use of the data (3rd party agreement) would be between the user and The Scottish Office, rather than MLURI. All organisational matters would, however, be dealt with by MLURI. A copy of the 3rd party agreement is included in Appendix D.

7.4 Data leasing charges for full dataset: non-commercial

Two important principles were agreed, to govern the use of the data:

- i) a licence to use the data will normally apply to the whole of an organisation, and not an individual department, project group, etc. This is based on a desire to facilitate the use of the data within organisations;
- ii) royalty and data maintenance charges which will apply to the information content of the dataset are paid once only, regardless of how many different copies of the data, in different formats, are acquired. Handling charges apply to each physical release of data.

7.4.1 Variations on data leasing charges: sub-sets of data

The principles laid out in Section 7.4 relate to the lease of the whole dataset for non-commercial purposes, and delivered in a standard format. Leasing charges are modified in relation to sub-sets of data, as follows:

Two possible methods of reducing the royalty and data maintenance charges for sub-sets of data were considered, both based on a linear reduction according to the fraction of dataset required:

- Fraction of information
- Fraction of area of Scotland.

The criteria which had to be satisfied were:

- Practicality
- Relation to the cost of data capture

The first method initially appeared attractive, but further examination raised difficulties in definition and calculation. It was therefore decided to choose the second method, which appears to be universally selected by other data suppliers.

The dataset was digitised from the maps in 10 km x 10 km tiles aligned to the OS National Grid. This unit was chosen as the basic unit for the storage and distribution of the dataset. There are 1079 in the full dataset.

To avoid charging the same amount for a nearly empty tile (i.e. mainly sea or England) as a full one, calculation of charges was carried out on the basis of the number of 100 km² units of Scotland. There are assumed to be 790 such units (i.e. total area of Scotland is taken to be 79 000 km²).

To calculate the number of units for charging purposes, the following procedure is used:

- i) the user specifies which tiles are required;
- ii) the number of units of 100 km² of Scotland within the selected tiles is calculated using a table which gives the fraction of Scotland within each tile. When these fractions are summed over all the selected tiles, the result is the desired number of units of 100 km². This number divided by 790 is then the desired fraction by which the charges for the full dataset are multiplied, to yield the charges for the sub-set. This applies only to royalty and data maintenance charges.

Data handling charges apply whenever data are delivered; they are based on the number of 100 km² tiles selected, regardless of the area of Scotland contained therein. Current handling charges, which include media, post and packing, but not VAT, are as follows:

<i>area leased, km²</i>	<i>data handling charge</i>
0 – 5000	£80
5001 – 10 000	£160
1001 – 40 000	£220
40 001 – full dataset	£320

7.5 Data leasing charges for full dataset: commercial

Since the main use of the LCS88 dataset was expected to be for non-commercial purposes (central and local government planning,

research and education) it was decided that the calculated standard charges would relate to non-commercial use. These charges would be increased for commercial use.

Commercial charges for royalties, data maintenance and data handling are 50% higher than those for non-commercial use.

7.6 Generalised datasets

There have been discussions through the LCS88 project steering group about generalising the LCS88 dataset to smaller scales. Thinking has focused on:

- i) 1:250 000
- ii) 1:625 000
- iii) 1 km x 1 km grid squares

This work was not covered by the present project and will only be done when there is a definite requirement from an outside user.

The following issues need further discussion:

- i) how the generalisation is to be carried out — particularly the land-cover categories;
- ii) Ordnance Survey's charges for the coastline vectors, in the case of the 1:250 000 and 1:625 000 datasets. In these cases, OS already have their own marketed products (of 1:25 000).

7.7 Data formats and media for distribution

There is a wide range of formats in use for vector and raster data in spatial data-handling software. The amount of effort required to produce and support data in a new format is significant, particularly since all software contains errors. MLURI has limited resources which can be devoted to data publishing. Hence it was decided to make the dataset available in a very limited range of formats. The choice was predicated on the needs of MLURI and the project sponsors. Making data available on a range of media is not a problem. MLURI has the required hardware for all common media. The list of formats and media is given in Appendix B2.

7.8 Licensing the use of transformed datasets

The treatment of transformations of the dataset, either by itself or in conjunction with other datasets, is a difficult licensing issue. The guiding principle is that royalty charges are related to the holding of the information content, not the dataset as delivered.

While a user maintains a lease on the dataset, no further charges apply to any transformed datasets which the user might generate.

However, if the lease is terminated, then the user will be required to destroy all datasets containing a significant fraction of the information content in the original dataset, or to negotiate a new lease.

Each case will be considered on its merits. In this, as in other areas, MLURI is bound by its agreements with The Scottish Office and Ordnance Survey.

8. Conclusions, forward look and recommendations

8.1 Aim

The aim of this brief chapter is to draw together some of the experience and views gained by MLURI staff in conducting the Land Cover of Scotland Survey and to look forward to how similar surveys might be done in the future.

8.2 Lessons from the LCS88 survey

The experience of the LCS88 survey has highlighted several issues that need to be examined further. These are treated in logical order in association with the different stages of the project in the following sections.

8.2.1 Data sources

Aerial photography was chosen as the primary data source for the LCS88 dataset. The scale of the photography (1:24 000), the emulsion type (dominantly panchromatic) and the date of photography all had some bearing on its interpretability. Although it is difficult to isolate the precise effects of these factors, there is a clear interaction between scale (spatial resolving power) of the photography (camera/film system) and the accuracy with which individual land cover features can be identified (Chapter 3).

Because of the effects of photoscale it is debatable whether it was a realistic ambition to interpret all of the land cover features described in the classification system from a single source. Certainly this contrasts with the hierarchical approach recommended by workers in the United States (Anderson *et al.*, 1976), and is reflected in the validation results where overall error at principal feature level was 3%, at major 16%, and at main 22%. This roughly parallels an increasingly demanding requirement to identify fine detail from the photographs.

It was one of the consultants' recommendations (Section 2.2) that The Scottish Office should

establish a regular 10-yearly cycle for monitoring countryside change in Scotland. Their view was that this should be done using Landsat TM data or equivalent. It is clear from our experience of the LCS88 survey that the requirements for feature detection/measurement have to be closely matched by the remote sensing data source. **It would be unrealistic to expect that LANDSAT TM data could be directly substituted for the 1:24 000 photography.** Although these data would have great benefits in terms of time (same date coverage over large areas) and spectral information (multispectral including non-visible wavelengths) their spatial resolution of 20 m is far poorer than the 1:24 000 photography (<1.0 m) and it could be anticipated that many detailed features would be undetectable (e.g. small clumps of trees). This is likely to remain the case even for new satellite borne scanning systems despite improvements in spatial resolving power (e.g. orbital mapping instruments)

Given that it is now five years from the baseline survey it is considered a matter of importance that some thought is given to:

- i) which countryside features are of key interest to the sponsors and users, given the existing LCS88 maps and data? (i.e. which land cover features are needed; are there any missing; which level of accuracy is required? etc.);
- ii) which remote sensing sources would be most appropriate to detecting and measuring these features (e.g. satellite imagery, aerial photography) and how might these be combined to ensure maintenance of accuracy at all levels in the classification hierarchy?

This could build upon current research specifically at MLURI and at ITE (Section 3.5) to develop an integrated land cover database for Scotland and may lead to a new survey strategy

where census and sampling approaches are more closely allied. SOAFD are currently sponsoring this research.

8.2.2 Classification systems

There is a close relationship between the user requirements and appropriateness of land cover classification system and class definitions. In most, if not all, UK land cover mapping initiatives, *ad hoc* systems of classification have been used. The Land Cover of Scotland 1988 project is no exception. Recent work both at MLURI and at ITE has highlighted the need to develop a single integrating classification system to serve as a framework for future national surveys. The groundwork for establishing such a system has been done under a DoE contract in which ITE were commissioned to compare land cover definitions and produce a dictionary of surveys and classifications of land cover and land use. The results of this work was published in April 1993 (Wyatt *et al.*, 1993).

It is suggested that in the light of the LCS88 survey, and the points made under Section 8.2.1 above, that:

- i) the LCS88 classification system is reviewed in the context of users requirements and the need to develop a more integrated land cover classification system in the UK;
- ii) particular note is taken of the current research projects at ITE and MLURI on data integration, and also within SNH on the NCMS.

8.2.3 Interpretation

The great strength of the LCS88 survey was that it used experienced interpreters who had extensive field knowledge of the areas they were interpreting. Because of changes in the work programme of the MLURI, it is unlikely that such a knowledge-base will be available to a future survey. If this is the case, and the level of human interpretation remains the same, then it is essential that in future surveys much greater attention should be paid to:

- i) pre-survey field familiarisation and training;
- ii) double-checking of the interpretation through blind testing (the same area interpreted twice by independent interpreters);
- iii) correlation meetings during interpretation phase to ensure common agreement on interpretation classes and class definitions.

The extent to which the above are required will depend upon the precise methodology adopted (see Section 8.2.7).

8.2.4 Data capture

The LCS88 survey commenced during a phase of rapidly changing technology for capturing spatial data. Conventional photogrammetric techniques were rejected largely on the grounds of time, facilities and cost. However, some consideration was given to:

- i) maps as the medium for initial data capture;
- ii) manual line digitising as the test method for digital conversion.

There is little doubt that there have been radical changes in the field of spatial databasing. These open up new opportunities for data capture, storage and analysis. In relation to data capture it is clear that maps impose necessarily severe limitations on data representation. This is greatest where dealing with heterogeneous features and transitional boundaries (gradients). Much useful discussion on this appears in Chapter 5, and it can be envisaged that more effective ways for capturing and storing knowledge on land cover features will be developed over the next five years. These may involve the manual or automated interpretation of digitised aerial photography or satellite imagery where boundaries are recognised as hard or soft, and polygons as homogeneous or heterogeneous, and where such knowledge is held in the GIS database. Although the LCS88 dataset does contain information on mosaics, it is recognised that more complete knowledge about land cover features, their structure and

interrelationships will provide more sensitive information on the nature of the countryside and the directions of change. It is therefore suggested that some thought is given to the value of such refined land cover information. This might be stimulated through a pilot study which contrasts the conventional mapped information with the spatial databasing approach.

The mechanism for capturing the digital information also needs to be reviewed. The disadvantages of the existing method of line-following are that it is map based (cf. arguments above), labour intensive and introduces an additional source of error. Its advantages are that it is inexpensive and that it can be used as a means of quality control allowing feedback between the interpretation and digitising stages. Although it is not possible to say that these advantages outweigh the disadvantages, **it is recommended that alternative methods are examined.**

Candidate methods include the following:

- i) **scan digitising of map master document.** Technically feasible, fast and accurate if masters are clean; disadvantage is that the attribute data have to be added either during the process or later so the method involves considerable manual intervention;
- ii) **one-step interpretation and digitising.** This was mentioned above in relation to the use of digitised aerial photography or satellite imagery. Such data can be displayed on a colour monitor and the interpreter can either create an interpreted overlay, and linked attributes database, through interactive use of the screen, or digital image classification techniques can be used. The former route has the advantage of using the interpreter's knowledge-base. However, developments in artificial intelligence and knowledge-based computing over the next five years may make the digital classification route more attractive. At the moment its main attraction is speed and apparent consistency over large areas. However, overall accuracies tend to be lower than with manual interpretation.

8.2.5 *Data standards and exchange formats*

The original specifications for the LCS88 dataset were based upon an assumption that The Scottish Office would be given the same GIS facility (i.e. SPANS) on which the dataset had been produced. It was recognised that, because this was a PC-based GIS, there would be problems with the analysis of such a large dataset, especially where the overlay of multiple datasets was envisaged.

It became apparent, early in the project, that the SPANS facility should best be seen as providing only the digitising mechanism.

Alternative GIS facilities and data formats were explored through a review of user requirements and an assessment of international trends in GIS data exchange such as those reflected by the Federal Geographic Data Committee in the United States.

It was identified that there are three forms of standard to be considered for spatial data in GISs. These are:

- i) *data quality* standards (for data capture, information content of data);
- ii) *data format* standards (for storage of data in GISs);
- iii) *data transfer* standards (for exchange of spatial data between different GISs).

Work still needs to be done in the international GIS research community on all of these standards, and the development of technical descriptions of the LCS88, particularly the metadata sheets (Appendix B.1), recognises the need to move towards these. However, the key issue remains that of data transfer standards, since the value of the dataset can only be realised through its transferability and use elsewhere.

After a thorough review of the existing GIS facilities held by potential users in Scotland, it was decided that ARC export should be used as the LCS88 data transfer standard. The advantages of an ARC/INFO based standard are: that it was the package used to produce the fully edge-matched vector version of the LCS88 dataset (Release 2), that the package is mature, has a large market share, has been

developed in an environmental management and planning context and specifically is one of the few systems able to manage very large spatial databases of the LCS88 type, through a relatively efficient paging and tiling system. The ARC/INFO package has become an unofficial standard in the GIS community and although the import/export facilities do not satisfy every situation they are better than those found in many other GISs.

The range of users with ARC/INFO (or SMALLWORLD, which can import data from ARC/INFO) suggests that using ARC/INFO as a standard management package and ARC export format for data exchange is both logical and practical. However, use of a standard interchange format (e.g. NTF) may be an option in the future.

It is recommended that because there is a wide range of potential future users of spatial data in Scotland, **there should be a continued interest in the whole issue of data standards and exchange. An LCS88 users group is one mechanism for developing this, and is already being implemented.**

8.2.6 *Future re-surveys*

The creation of the LCS88 dataset tells us little about how it might be *used* as a baseline for future re-surveys. Some experience has been gained through the Cairngorm and Central Valley Look-Back studies. These indicated that complete re-surveys were not only time-consuming, but they were likely to be misleading due to the introduction of new uncertainties. It was preferable to use the LCS88 data as a source of background knowledge and only record units where significant changes were observed.

It is perfectly feasible to consider this sort of process being done using semi-automated change detection techniques such as have already been used with time-series of satellite images, and research is currently underway between MLURI and Aberdeen University Computing Science Department to explore the use of artificial intelligence in change detection.

It is suggested that in preparation for a future re-survey, further research is needed into developing robust methods for detecting countryside change. The results of such research could have significant cost implications for future surveys were it to be shown that most of the information could be obtained from satellite imagery combined with limited ground checking.

8.3 **Summary of recommendations**

The following presents a précis of the recommendations resulting from MLURI's experience in creating the LCS88 dataset:

- i) the list of countryside features of key interest to the potential LCS88 user community should be reviewed;
- ii) the candidate remote sensing data sources for detecting and measuring these features should be reviewed within the context of achieving given accuracy at all levels of the classification hierarchy. Possible hybrid (census + sampling) survey approaches should be examined;
- iii) closely linked to i) above, the LCS88 classification system should be reviewed in the light of the need to develop a more integrated land cover classification system in the UK. Particular note should be taken of the current research programmes of ITE, MLURI and SNH concerned with data integration;
- iv) because of the loss of experienced staff, it is recommended that future interpretation-based surveys include elements of pre-survey field training/familiarisation; double-checking of interpretation and close attention to inter-interpreter correlation;
- v) further research is being done by MLURI and others on representation of spatial data in databases as opposed to maps. This research will lead to much more complete knowledge about the structure and interrelationships of land cover features. It is suggested that some thought is given to the potential value

and use of such knowledge in countryside monitoring and management. A pilot study comparing and contrasting conventional mapped information with the spatial databasing approach may be useful;

- vi) mechanisms for capturing digital information (e.g. scan digitising, one-step interpretation and digitising) need to be critically reviewed and tested. Clearly the rapid changes in GIS technology will have a bearing on this;
- vii) the need for standards in spatial data should be recognised and acted upon. In particular, data transfer standards need to be agreed and implemented. The *de facto* standard emerging is ARC Export. However, other standard interchange formats (e.g. NTF) should be reviewed. Difficulties in data transfer are seen as a major limiting factor in maximising benefits for GIS amongst the Scottish user community;
- viii) the strategy for a repeat survey should be based upon a programme of research being developed at MLURI and Aberdeen University on the establishment of robust methods for detecting countryside change. The scope and effort of this research should be reviewed to decide whether it is well focused, adequately resourced and will deliver in an appropriate timescale (i.e. 2 – 3 years).

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Glossary of terms

<i>aerial photogrammetry</i>	the science of measurement for aerial photographs. Includes the rectification of photography, creation of stereo-models and the derivation of terrain models and maps. Much of the conventional topographic mapping in the countryside employs aerial photography and the principles of aerial photogrammetry.
<i>ARC coverage</i>	the ARC/INFO term which refers to the digital version, normally in vector format, of a single map sheet layer (e.g. land cover, soils, or geology); a coverage contains both locational data and their thematic attributes.
<i>area</i>	see polygon.
<i>bootstrap</i>	a method of estimating the distribution of a statistic by simulation rather than by statistical theory. For each simulation, the statistic is re-estimated and the set of estimates is taken to represent the distribution of the statistic. The simulations may be based either on a model fitted to the data (for the parametric bootstrap) or on drawing random samples with replacement from the data (for the non-parametric bootstrap).
<i>conditional simulation</i>	simulation of a process (either stochastic or deterministic) whilst holding some parts of the process at a fixed value. If our best estimate of the probability of "heads" for the toss of a coin is 0.8, but it could lie between 0.7 and 0.9, we could conduct conditional simulations by fixing this probability as being 0.8.
<i>database</i>	see dataset.
<i>data capture</i>	the process of capturing/ collecting data from a source. Typical sources are maps, aerial photos and satellite images. Typical methods are manual digitising and scan digitising.
<i>dataset</i>	the digital data relating to a collection of information on a theme; typically a single theme, e.g. soils, land cover, geology. A database is a collection of datasets which are inter-related in some way. GIS databases require all data to be geo-referenced to a common co-ordinate system.
<i>digital image processing</i>	(d.i.p) refers to a wide range of functions applied to digital images (e.g. contrast stretching) and commonly available within image processing systems such as ERDAS.
<i>digitising</i>	the process of capturing and encoding the spatial coordinates of mapped features from a source document into the computer. Typically involves the use of a scanner or a digitising tablet.
<i>epsilon band concept</i>	a concept that recognises that lines on maps are not precise. The epsilon band is the equivalent of an error envelope (which has precise statistical meaning) containing the line or boundary.
<i>Geographic Information Systems</i>	systems which enable geo-referenced data to be stores, analysed and displayed; not to be confused with digital mapping systems or computer aided design systems which have no analytical functionality.
<i>geo-referencing</i>	the process of defining the position of geographical objects relative to a standard reference grid; also known as geocoding.

<i>ground truthing</i>	the process of checking interpretations from satellite images or aerial photographs against actual ground observations at specific locations; the word "truth" is questioned by many authorities and the term "verification" is often preferred.
<i>image classification</i>	the process whereby digital images are segmented and classified into discrete classes. The process can be likened to the computer-aided equivalent of air photo interpretation. Classes are identified according to tone, texture and context, which may be defined by the computer operator (supervised classification) or through statistical methods (unsupervised classification).
<i>image processing</i>	see digital image processing
<i>Landsat</i>	American series of earth observation satellites originally launched in 1972 under the name ERTS, later renamed Landsat. Early satellites carried a scanning instrument called the Multispectral Scanning System (MSS) which had a nominal spatial resolution of 80 m. Post 1985 the satellite has had a more sophisticated scanner as the principal payload. This is known as the Thematic Mapper (TM) and has a nominal spatial resolution of 30 m (around 0.25 ha).
<i>locational primitives</i>	see polygon.
<i>metadata</i>	literally information about data. Refers to the source of data, procedures employed and quality. Considered essential to its sensible use.
<i>non-parametric</i>	see bootstrap.
<i>pixel</i>	contraction for "picture element"; the smallest unit of information in a raster map or scanned image.
<i>point</i>	see polygon.
<i>polygon</i>	a multi-sided figure representing an area on a map; maps are comprised of only three basic building blocks or locational primitives: points, lines and polygons.
<i>quadtree</i>	a data structure for thematic information in a raster database that seeks to minimise the space required for data storage.
<i>raster</i>	a regular grid of cells covering an area.
<i>semi-natural vegetation</i>	vegetation communities which comprise indigenous plant species but whose structure and composition is modified by man through livestock grazing or other management interventions, e.g. burning.
<i>spatial databasing</i>	see dataset
<i>stochastic realisation</i>	a particular outcome from a probability model; thus "heads" is a stochastic realisation from a probability model for tossing coin.
<i>supervised classification</i>	see image classification
<i>unsupervised classification</i>	see image classification
<i>vector</i>	a method of representing spatial data by recording its x and y (and optionally z) coordinates.

List of abbreviations

AEA Atomic Energy Authority	NCC Nature Conservancy Council (see also SNH and CCS)
ARC/INFO GIS proprietary to ESRI Inc.	NCCS Nature Conservancy Council for Scotland
BNSC British National Space Centre	NCMS National Countryside Monitoring Scheme (a project of SNH)
CC Countryside Commission	NERC National Environment Research Council
CCS Countryside Commission for Scotland (now part of SNH)	OS Ordnance Survey
CORINE EC programme (COordination of Information on the ENvironment)	R & D Research and development
DoE Department of the Environment	SDD Scottish Development Department (now SOEnD)
DTI Department of Trade and Industry	SNH Scottish Natural Heritage
ERDAS Earth Resources Data Analysis System; (image analysis system proprietary to ERDAS Inc.)	SOAFD The Scottish Office Agriculture and Fisheries Department
ERL Environmental Resources Limited	SOEnD The Scottish Office Environment Department
FC Forestry Commission	SPANS SPatial ANALysis System (GIS proprietary to TYDAC Ltd)
GB Great Britain (England, Wales, Scotland)	SPOT French satellite (Système Probatoire d'Observation de la Terre)
GIS Geographic Information System	TM Thematic Mapper (scanning instrument aboard Landsat satellites post 1985).
ITE Institute of Terrestrial Ecology	UK United Kingdom (England, Wales, Scotland and Northern Ireland)
LCS88 Land Cover of Scotland 1988 dataset	
MLURI The Macaulay Land Use Research Institute	
MSS Multi-spectral scanner (aboard Landsat satellite)	



THE LAND COVER OF SCOTLAND 1988

FINAL REPORT

APPENDICES

THE MACAULAY LAND USE RESEARCH INSTITUTE
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Appendix A: Land Cover of Scotland 1988 dataset : digital coding keys

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Table A.1 Coding key for the 126 interpreted single features

code	description
1	Isolated farmsteads and other buildings, with no trees
2	Isolated farmsteads and other buildings, with trees
3	Factories
4	Airfields
5	Golf courses
6	Cemeteries
7	Recreational land: wildlife parks, caravan sites, etc
10	Cliffs, bare rock, crags and screes (area)
11	Cliffs, bare rock, crags and screes (line)
12	Quarries and opencast (area)
13	Quarries and opencast (point)
14	Bings and refuse tips (area)
15	Bings and refuse tips (point)
16	Paths
17	Hill roads
18	Water (area)
19	Water (point)
20	Built-up land (area)
21	Transport features: road
22	Transport features: rail
24	Estuary, below the normal tidal limit
25	No photo cover
26	Cloud or shadow
27	Snow cover
28	Ski areas
29	Built-up land (line or point)
70	Coniferous woodland: plantation (area)
71	Coniferous woodland: plantation (line)
72	Coniferous woodland: plantation (point)
73	Coniferous woodland: semi-natural (area)
74	Coniferous woodland: semi-natural (line)
75	Coniferous woodland: semi-natural (point)
76	Undifferentiated broadleaved woodland (area)
77	Undifferentiated broadleaved woodland (line)
78	Undifferentiated broadleaved woodland (point)
79	Undifferentiated mixed woodland (area)
80	Undifferentiated mixed woodland (line)
81	Undifferentiated mixed woodland (point)
82	Undifferentiated low scrub
83	Recently ploughed land for afforestation
84	Former woodland recently felled
85	Open canopy young plantation
86	Rhododendron scrub
87	Land recently "ripped" for afforestation
90	Improved pasture: no rock outcrops, no clustered farmsteads, no scattered trees
91	Improved pasture: no rock outcrops, no clustered farmsteads, scattered trees
92	Improved pasture: no rock outcrops, clustered farmsteads, no scattered trees
93	Improved pasture: no rock outcrops, clustered farmsteads, scattered trees
94	Improved pasture: rock outcrops, no clustered farmsteads, no scattered trees
95	Improved pasture: rock outcrops, no clustered farmsteads, scattered trees
96	Improved pasture: rock outcrops, clustered farmsteads, no scattered trees

continued on next page

Table A.1 Coding key for the 126 interpreted single features (continued)

code	description
97	Improved pasture: rock outcrops, clustered farmsteads, scattered trees
100	Arable land: no rock outcrops, no clustered farmsteads, no scattered trees
101	Arable land: no rock outcrops, no clustered farmsteads, no scattered trees
102	Arable land: no rock outcrops, no clustered farmsteads, no scattered trees
103	Arable land: no rock outcrops, clustered farmsteads, scattered trees
104	Arable land: rock outcrops, no clustered farmsteads, no scattered trees
105	Arable land: rock outcrops, no clustered farmsteads, scattered trees
106	Arable land: rock outcrops, clustered farmsteads, no scattered trees
107	Arable land: rock outcrops, clustered farmsteads, scattered trees
110	Dry heather moor: no rock outcrops, no burning, no scattered trees
111	Dry heather moor: no rock outcrops, no burning, scattered trees
112	Dry heather moor: no rock outcrops, burning, no scattered trees
113	Dry heather moor: no rock outcrops, burning, scattered trees
114	Dry heather moor: rock outcrops, no burning, no scattered trees
115	Dry heather moor: rock outcrops, no burning, scattered trees
116	Dry heather moor: rock outcrops, burning, no scattered trees
117	Dry heather moor: rock outcrops, burning, scattered trees
120	Wet heather moor: no rock outcrops, no burning, no scattered trees
121	Wet heather moor: no rock outcrops, no burning, scattered trees
122	Wet heather moor: no rock outcrops, burning, no scattered trees
123	Wet heather moor: no rock outcrops, burning, scattered trees
124	Wet heather moor: rock outcrops, no burning, no scattered trees
125	Wet heather moor: rock outcrops, no burning, scattered trees
126	Wet heather moor: rock outcrops, burning, no scattered trees
127	Wet heather moor: rock outcrops, burning, scattered trees
130	Undifferentiated heather moor: no rock outcrops, no burning, no scattered trees
131	Undifferentiated heather moor: no rock outcrops, no burning, scattered trees
132	Undifferentiated heather moor: no rock outcrops, burning, no scattered trees
133	Undifferentiated heather moor: no rock outcrops, burning, scattered trees
134	Undifferentiated heather moor: rock outcrops, no burning, no scattered trees
135	Undifferentiated heather moor: rock outcrops, no burning, scattered trees
136	Undifferentiated heather moor: rock outcrops, burning, no scattered trees
137	Undifferentiated heather moor: rock outcrops, burning, scattered trees
140	Undifferentiated coarse grasslands (Nardus/Molinia): no rock outcrops, no scattered trees
141	Undifferentiated coarse grasslands (Nardus/Molinia): no rock outcrops, scattered trees
142	Undifferentiated coarse grasslands (Nardus/Molinia): rock outcrops, no scattered trees
143	Undifferentiated coarse grasslands (Nardus/Molinia): rock outcrops, scattered trees
146	invalid code
150	Smooth grasslands with rushes: no rock outcrops, no scattered trees
151	Smooth grasslands with rushes: no rock outcrops, scattered trees
152	Smooth grasslands with rushes: rock outcrops, no scattered trees
153	Smooth grasslands with rushes: rock outcrops, scattered trees
155	Smooth grasslands with low scrub: no rock outcrops, no scattered trees
156	Smooth grasslands with low scrub: no rock outcrops, scattered trees
157	Smooth grasslands with low scrub: rock outcrops, no scattered trees
158	Smooth grasslands with low scrub: rock outcrops, scattered trees
159	invalid code
160	Undifferentiated smooth grasslands: no rock outcrops, no scattered trees
161	Undifferentiated smooth grasslands: no rock outcrops, scattered trees
162	Undifferentiated smooth grasslands: rock outcrops, no scattered trees
163	Undifferentiated smooth grasslands: rock outcrops, scattered trees

continued on next page

Table A.1 Coding key for the 126 interpreted single features (continued)

code	description
164	invalid code
169	invalid code
170	Undifferentiated bracken: no rock outcrops, no scattered trees
171	Undifferentiated bracken: no rock outcrops, scattered trees
172	Undifferentiated bracken: rock outcrops, no scattered trees
173	Undifferentiated bracken: rock outcrops, scattered trees
178	invalid code
180	Blanket bog and other peatland vegetation: erosion, no scattered trees
181	Blanket bog and other peatland vegetation: erosion, scattered trees
182	Blanket bog and other peatland vegetation: no erosion, no scattered trees
183	Blanket bog and other peatland vegetation: no erosion, scattered trees
184	Blanket bog and other peatland vegetation: dubh lochans
185	Blanket bog and other peatland vegetation: industrial peat workings
186	Blanket bog and other peatland vegetation: other peat workings
190	Undifferentiated salt marshes: no scattered trees
191	Maritime grasslands and heaths: no scattered trees
200	Wetlands: no drains, no scattered trees
201	Wetlands: drains, no scattered trees
202	Wetlands: no drains, scattered trees
203	Wetlands: drains, scattered trees
210	Dunelands: bare dunes
211	Dunelands: partially stabilised dunes
212	Dunelands: links with grassland
213	Dunelands: links with heathland
220	recoded as 182
221	recoded as 180
222	Undifferentiated montane vegetation: erosion, rock outcrops
223	Undifferentiated montane vegetation: erosion, no rock outcrops

Table A.2 Coding key for mosaics ordered by primary component

mosaic code	component codes		primary feature	secondary feature
	primary	secondary		
1328	3	79	Factory	Undiff. mixed woodland (area)
613	5	70	Golf course	Coniferous plantation (area)
1437	5	71	Golf course	Coniferous plantation (line)
609	5	72	Golf course	Coniferous plantation (point)
685	5	76	Golf course	Undiff. broadleaved (area)
672	5	77	Golf course	Undiff. broadleaved (line)
679	5	78	Golf course	Undiff. broadleaved (point)
654	5	79	Golf course	Undiff. mixed woodland (area)
594	5	80	Golf course	Undiff. mixed woodland (line)
610	5	81	Golf course	Undiff. mixed woodland (point)
1081	5	82	Golf course	Undiff. low scrub
954	5	155	Golf course	Smooth grass/low scrub: no rock, no trees
898	5	156	Golf course	Smooth grass/low scrub: no rock, trees
694	5	157	Golf course	Smooth grass/low scrub: rock, no trees
546	5	211	Golf course	Partially stabilized dunes
1274	7	79	Recreational land	Undiff. mixed woodland (area)
1490	10	70	Rock and cliffs (area)	Coniferous plantation (area)
1149	10	72	Rock and cliffs (area)	Coniferous plantation (point)
926	10	76	Rock and cliffs (area)	Undiff. broadleaved (area)
331	10	124	Rock and cliffs (area)	Wet heather moor: rock, no burning, no trees
1154	10	130	Rock and cliffs (area)	Undiff. heather moor: no rock, no burning, no trees
744	10	134	Rock and cliffs (area)	Undiff. heather moor: rock, no burning, no trees
1434	10	135	Rock and cliffs (area)	Undiff. heather moor: rock, no burning, trees
1314	10	140	Rock and cliffs (area)	Undiff. Nardus/Molinia: no rock, no trees
942	10	142	Rock and cliffs (area)	Undiff. Nardus/Molinia: rock, no trees
714	10	155	Rock and cliffs (area)	Smooth grass/low scrub: no rock, no trees
705	10	157	Rock and cliffs (area)	Smooth grass/low scrub: rock, no trees
706	10	160	Rock and cliffs (area)	Undiff. smooth grass.: no rock, no trees
1193	10	162	Rock and cliffs (area)	Undiff. smooth grass.: rock, no trees
1194	10	163	Rock and cliffs (area)	Undiff. smooth grass.: rock, trees
1260	10	172	Rock and cliffs (area)	Undiff. bracken: rock, no trees
516	10	182	Rock and cliffs (area)	Blanket bog/peat. veg.: no erosion, no trees
1235	10	190	Rock and cliffs (area)	Undiff. salt marsh: no trees
1196	10	191	Rock and cliffs (area)	Maritime grassland: no trees
1113	10	200	Rock and cliffs (area)	Wetlands: no drains, no trees
1407	10	222	Rock and cliffs (area)	Undiff. montane veg.: rock
877	11	121	Cliffs (line)	Wet heather moor: no rock, no burning, trees
1222	11	162	Cliffs (line)	Undiff. smooth grass.: rock, no trees
1324	12	140	Quarries and opencast (area)	Undiff. Nardus/Molinia: no rock, no trees
1269	12	162	Quarries and opencast (area)	Undiff. smooth grass.: rock, no trees
1322	12	182	Quarries and opencast (area)	Blanket bog/peat. veg.: no erosion, no trees
799	14	140	Bings and refuse tips (area)	Undiff. Nardus/Molinia: no rock, no trees
1190	14	156	Bings and refuse tips (area)	Smooth grass/low scrub: no rock, trees
327	18	201	Water (area)	Wetlands: drains, no trees
1268	20	7	Built-up (area)	Recreational land
1343	20	76	Built-up (area)	Undiff. broadleaved (area)
1089	20	79	Built-up (area)	Undiff. mixed woodland (area)
618	20	157	Built-up (area)	Smooth grass/low scrub: rock, no trees
1267	21	22	Transport features, road	Transport features, rail
1412	21	79	Transport features, road	Undiff. mixed woodland (area)

continued on next page

Table A.2 Coding key for mosaics ordered by primary component (continued)

mosaic code	component codes		primary feature	secondary feature
	primary	secondary		
998	25	25	No photography	No photography
1014	26	27	Cloud cover	Snow cover
1479	27	222	Snow cover	Undiff. montane veg.: rock
1496	27	223	Snow cover	Undiff. montane veg.: no rock
1157	28	130	Ski tows	Undiff. heather moor: no rock, no burning, no trees
1473	70	10	Coniferous plantation (area)	Rock and cliffs (area)
1170	70	71	Coniferous plantation (area)	Coniferous plantation (line)
735	70	73	Coniferous plantation (area)	Coniferous semi-natural (area)
737	70	76	Coniferous plantation (area)	Undiff. broadleaved (area)
1432	70	79	Coniferous plantation (area)	Undiff. mixed woodland (area)
1459	70	83	Coniferous plantation (area)	Recent ploughing for forestry
509	70	84	Coniferous plantation (area)	Recently felled forestry
566	70	85	Coniferous plantation (area)	Open canopy (young plantation)
562	70	86	Coniferous plantation (area)	Rhododendron scrub
1035	70	110	Coniferous plantation (area)	Dry heather moor: no rock, no burning, no trees
1316	70	114	Coniferous plantation (area)	Dry heather moor: rock, no burning, no trees
1123	70	120	Coniferous plantation (area)	Wet heather moor: no rock, no burning, no trees
1411	70	121	Coniferous plantation (area)	Wet heather moor: no rock, no burning, trees
583	70	124	Coniferous plantation (area)	Wet heather moor: rock, no burning, no trees
993	70	130	Coniferous plantation (area)	Undiff. heather moor: no rock, no burning, no trees
1002	70	134	Coniferous plantation (area)	Undiff. heather moor: rock, no burning, no trees
1234	70	140	Coniferous plantation (area)	Undiff. Nardus/Molinia: no rock, no trees
1332	70	142	Coniferous plantation (area)	Undiff. Nardus/Molinia: rock, no trees
815	70	155	Coniferous plantation (area)	Smooth grass/low scrub: no rock, no trees
1400	70	156	Coniferous plantation (area)	Smooth grass/low scrub: no rock, trees
663	70	160	Coniferous plantation (area)	Undiff. smooth grass.: no rock, no trees
1282	70	162	Coniferous plantation (area)	Undiff. smooth grass.: rock, no trees
1478	70	163	Coniferous plantation (area)	Undiff. smooth grass.: rock, trees
1415	70	180	Coniferous plantation (area)	Blanket bog/peat. veg.: erosion, no trees
901	70	202	Coniferous plantation (area)	Wetlands: no drains, trees
936	72	202	Coniferous plantation (point)	Wetlands: no drains, trees
906	73	10	Coniferous semi-natural (area)	Rock and cliffs (area)
899	73	70	Coniferous semi-natural (area)	Coniferous plantation (area)
928	73	76	Coniferous semi-natural (area)	Undiff. broadleaved (area)
1029	73	110	Coniferous semi-natural (area)	Dry heather moor: no rock, no burning, no trees
1183	73	120	Coniferous semi-natural (area)	Wet heather moor: no rock, no burning, no trees
1419	73	121	Coniferous semi-natural (area)	Wet heather moor: no rock, no burning, trees
1420	73	125	Coniferous semi-natural (area)	Wet heather moor: rock, no burning, trees
900	73	131	Coniferous semi-natural (area)	Undiff. heather moor: no rock, no burning, trees
913	73	182	Coniferous semi-natural (area)	Blanket bog/peat. veg.: no erosion, no trees
1101	76	7	Undiff. broadleaved (area)	Recreational land
945	76	10	Undiff. broadleaved (area)	Rock and cliffs (area)
1099	76	20	Undiff. broadleaved (area)	Built-up (area)
951	76	73	Undiff. broadleaved (area)	Coniferous semi-natural (area)
549	76	82	Undiff. broadleaved (area)	Undiff. low scrub
1305	76	83	Undiff. broadleaved (area)	Recent ploughing for forestry
1342	76	84	Undiff. broadleaved (area)	Recently felled forestry
1240	76	85	Undiff. broadleaved (area)	Open canopy (young plantation)
1074	76	90	Undiff. broadleaved (area)	Imp. pasture: no rock, no farms, no trees
841	76	113	Undiff. broadleaved (area)	Dry heather moor: no rock, burning, trees

(continued on next page)

Table A.2 Coding key for mosaics ordered by primary component (continued).

mosaic code	component codes		primary feature	secondary feature
	primary	secondary		
796	76	114	Undiff. broadleaved (area)	Dry heather moor: rock, no burning, no trees
775	76	115	Undiff. broadleaved (area)	Dry heather moor: rock, no burning, trees
1111	76	120	Undiff. broadleaved (area)	Wet heather moor: no rock, no burning, no trees
1470	76	130	Undiff. broadleaved (area)	Undiff. heather moor: no rock, no burning, no trees
1410	76	131	Undiff. broadleaved (area)	Undiff. heather moor: no rock, no burning, trees
782	76	134	Undiff. broadleaved (area)	Undiff. heather moor: rock, no burning, no trees
788	76	135	Undiff. broadleaved (area)	Undiff. heather moor: rock, no burning, trees
1197	76	140	Undiff. broadleaved (area)	Undiff. Nardus/Molinia: no rock, no trees
946	76	142	Undiff. broadleaved (area)	Undiff. Nardus/Molinia: rock, no trees
676	76	150	Undiff. broadleaved (area)	Smooth grass/rushes: no rock, no trees
1085	76	151	Undiff. broadleaved (area)	Smooth grass/rushes: no rock, trees
1248	76	152	Undiff. broadleaved (area)	Smooth grass/rushes: rock, no trees
1214	76	155	Undiff. broadleaved (area)	Smooth grass/low scrub: no rock, no trees
711	76	156	Undiff. broadleaved (area)	Smooth grass/low scrub: no rock, trees
958	76	157	Undiff. broadleaved (area)	Smooth grass/low scrub: rock, no trees
1220	76	158	Undiff. broadleaved (area)	Smooth grass/low scrub: rock, trees
751	76	160	Undiff. broadleaved (area)	Undiff. smooth grass.: no rock, no trees
1098	76	161	Undiff. broadleaved (area)	Undiff. smooth grass.: no rock, trees
1201	76	162	Undiff. broadleaved (area)	Undiff. smooth grass.: rock, no trees
766	76	163	Undiff. broadleaved (area)	Undiff. smooth grass.: rock, trees
1431	76	170	Undiff. broadleaved (area)	Undiff. bracken: no rock, no trees
881	76	171	Undiff. broadleaved (area)	Undiff. bracken: no rock, trees
1225	76	172	Undiff. broadleaved (area)	Undiff. bracken: rock, no trees
777	76	173	Undiff. broadleaved (area)	Undiff. bracken: rock, trees
1454	76	180	Undiff. broadleaved (area)	Blanket bog/peat. veg.: erosion, no trees
1108	76	182	Undiff. broadleaved (area)	Blanket bog/peat. veg.: no erosion, no trees
1290	76	200	Undiff. broadleaved (area)	Wetlands: no drains, no trees
1492	78	82	Undiff. broadleaved (point)	Undiff. low scrub
1481	79	10	Undiff. mixed woodland (area)	Rock and cliffs (area)
1264	79	12	Undiff. mixed woodland (area)	Quarries and opencast (area)
902	79	20	Undiff. mixed woodland (area)	Built-up (area)
537	79	82	Undiff. mixed woodland (area)	Undiff. low scrub
1460	79	84	Undiff. mixed woodland (area)	Recently felled forestry
1164	79	85	Undiff. mixed woodland (area)	Open canopy (young plantation)
611	79	86	Undiff. mixed woodland (area)	Rhododendron scrub
733	79	111	Undiff. mixed woodland (area)	Dry heather moor: no rock, no burning, trees
1418	79	120	Undiff. mixed woodland (area)	Wet heather moor: no rock, no burning, no trees
1408	79	124	Undiff. mixed woodland (area)	Wet heather moor: rock, no burning, no trees
1409	79	134	Undiff. mixed woodland (area)	Undiff. heather moor: rock, no burning, no trees
1438	79	135	Undiff. mixed woodland (area)	Undiff. heather moor: rock, no burning, trees
927	79	141	Undiff. mixed woodland (area)	Undiff. Nardus/Molinia: no rock, trees
1321	79	150	Undiff. mixed woodland (area)	Smooth grass/rushes: no rock, no trees
1078	79	155	Undiff. mixed woodland (area)	Smooth grass/low scrub: no rock, no trees
1090	79	156	Undiff. mixed woodland (area)	Smooth grass/low scrub: no rock, trees
1223	79	157	Undiff. mixed woodland (area)	Smooth grass/low scrub: rock, no trees
1233	79	158	Undiff. mixed woodland (area)	Smooth grass/low scrub: rock, trees
1036	79	160	Undiff. mixed woodland (area)	Undiff. smooth grass.: no rock, no trees
459	79	161	Undiff. mixed woodland (area)	Undiff. smooth grass.: no rock, trees
769	79	163	Undiff. mixed woodland (area)	Undiff. smooth grass.: rock, trees
768	79	171	Undiff. mixed woodland (area)	Undiff. bracken: no rock, trees

(continued on next page)

Table A.2 Coding key for mosaics ordered by primary component (continued)

mosaic code	component codes		primary feature	secondary feature
	primary	secondary		
1258	79	173	Undiff. mixed woodland (area)	Undiff. bracken: rock, trees
1291	79	182	Undiff. mixed woodland (area)	Blanket bog/peat. veg.: no erosion, no trees
1242	82	14	Undiff. low scrub	Bings and refuse tips (area)
875	82	70	Undiff. low scrub	Coniferous plantation (area)
1171	82	72	Undiff. low scrub	Coniferous plantation (point)
1142	82	76	Undiff. low scrub	Undiff. broadleaved (area)
870	82	78	Undiff. low scrub	Undiff. broadleaved (point)
547	82	79	Undiff. low scrub	Undiff. mixed woodland (area)
1345	82	81	Undiff. low scrub	Undiff. mixed woodland (point)
674	82	90	Undiff. low scrub	Imp. pasture: no rock, no farms, no trees
1350	82	95	Undiff. low scrub	Imp. pasture: rock, no farms, trees
897	82	100	Undiff. low scrub	Arable: no rock, no farms, no trees
807	82	110	Undiff. low scrub	Dry heather moor: no rock, no burning, no trees
1009	82	111	Undiff. low scrub	Dry heather moor: no rock, no burning, trees
959	82	114	Undiff. low scrub	Dry heather moor: rock, no burning, no trees
1161	82	115	Undiff. low scrub	Dry heather moor: rock, no burning, trees
1167	82	130	Undiff. low scrub	Undiff. heather moor: no rock, no burning, no trees
858	82	131	Undiff. low scrub	Undiff. heather moor: no rock, no burning, trees
772	82	143	Undiff. low scrub	Undiff. Nardus/Molinia: rock, trees
538	82	150	Undiff. low scrub	Smooth grass/rushes: no rock, no trees
713	82	160	Undiff. low scrub	Undiff. smooth grass.: no rock, no trees
1091	82	161	Undiff. low scrub	Undiff. smooth grass.: no rock, trees
840	82	170	Undiff. low scrub	Undiff. bracken: no rock, no trees
1178	82	171	Undiff. low scrub	Undiff. bracken: no rock, trees
1362	82	173	Undiff. low scrub	Undiff. bracken: rock, trees
806	82	182	Undiff. low scrub	Blanket bog/peat. veg.: no erosion, no trees
550	82	200	Undiff. low scrub	Wetlands: no drains, no trees
548	82	211	Undiff. low scrub	Partially stabilized dunes
581	82	212	Undiff. low scrub	Links area: grass
1313	83	76	Recent ploughing for forestry	Undiff. broadleaved (area)
853	83	78	Recent ploughing for forestry	Undiff. broadleaved (point)
629	83	79	Recent ploughing for forestry	Undiff. mixed woodland (area)
569	83	85	Recent ploughing for forestry	Open canopy (young plantation)
1062	83	114	Recent ploughing for forestry	Dry heather moor: rock, no burning, no trees
726	83	124	Recent ploughing for forestry	Wet heather moor: rock, no burning, no trees
1326	83	130	Recent ploughing for forestry	Undiff. heather moor: no rock, no burning, no trees
1286	83	134	Recent ploughing for forestry	Undiff. heather moor: rock, no burning, no trees
1495	83	136	Recent ploughing for forestry	Undiff. heather moor: rock, burning, no trees
1072	83	140	Recent ploughing for forestry	Undiff. Nardus/Molinia: no rock, no trees
1180	83	160	Recent ploughing for forestry	Undiff. smooth grass.: no rock, no trees
1283	83	162	Recent ploughing for forestry	Undiff. smooth grass.: rock, no trees
1330	83	163	Recent ploughing for forestry	Undiff. smooth grass.: rock, trees
574	83	182	Recent ploughing for forestry	Blanket bog/peat. veg.: no erosion, no trees
830	83	184	Recent ploughing for forestry	Blanket bog/peat. veg.: dubh lochans
393	84	70	Recently felled forestry	Coniferous plantation (area)
894	84	75	Recently felled forestry	Coniferous semi-natural (point)
773	84	76	Recently felled forestry	Undiff. broadleaved (area)
1319	84	79	Recently felled forestry	Undiff. mixed woodland (area)
908	84	82	Recently felled forestry	Undiff. low scrub
852	84	83	Recently felled forestry	Recent ploughing for forestry

(continued on next page)

Table A.2 Coding key for mosaics ordered by primary component (continued).

mosaic code	component codes		primary feature	secondary feature
	primary	secondary		
1191	84	85	Recently felled forestry	Open canopy (young plantation)
932	84	110	Recently felled forestry	Dry heather moor: no rock, no burning, no trees
1013	84	111	Recently felled forestry	Dry heather moor: no rock, no burning, trees
935	84	114	Recently felled forestry	Dry heather moor: rock, no burning, no trees
1008	84	131	Recently felled forestry	Undiff. heather moor: no rock, no burning, trees
1292	84	151	Recently felled forestry	Smooth grass/rushes: no rock, trees
454	85	70	Open canopy (young plantation)	Coniferous plantation (area)
1004	85	73	Open canopy (young plantation)	Coniferous semi-natural (area)
895	85	75	Open canopy (young plantation)	Coniferous semi-natural (point)
883	85	76	Open canopy (young plantation)	Undiff. broadleaved (area)
1092	85	79	Open canopy (young plantation)	Undiff. mixed woodland (area)
802	85	83	Open canopy (young plantation)	Recent ploughing for forestry
1093	85	110	Open canopy (young plantation)	Dry heather moor: no rock, no burning, no trees
930	85	111	Open canopy (young plantation)	Dry heather moor: no rock, no burning, trees
1063	85	114	Open canopy (young plantation)	Dry heather moor: rock, no burning, no trees
1440	85	124	Open canopy (young plantation)	Wet heather moor: rock, no burning, no trees
1181	85	130	Open canopy (young plantation)	Undiff. heather moor: no rock, no burning, no trees
734	85	131	Open canopy (young plantation)	Undiff. heather moor: no rock, no burning, trees
1281	85	134	Open canopy (young plantation)	Undiff. heather moor: rock, no burning, no trees
1347	85	142	Open canopy (young plantation)	Undiff. Nardus/Molinia: rock, no trees
1444	85	161	Open canopy (young plantation)	Undiff. smooth grass.: no rock, trees
1037	85	162	Open canopy (young plantation)	Undiff. smooth grass.: rock, no trees
1443	85	182	Open canopy (young plantation)	Blanket bog/peat. veg.: no erosion, no trees
1083	90	76	Imp. pasture: no rock, no farms, no trees	Undiff. broadleaved (area)
810	90	79	Imp. pasture: no rock, no farms, no trees	Undiff. mixed woodland (area)
534	90	82	Imp. pasture: no rock, no farms, no trees	Undiff. low scrub
1148	90	83	Imp. pasture: no rock, no farms, no trees	Recent ploughing for forestry
1051	90	100	Imp. pasture: no rock, no farms, no trees	Arable: no rock, no farms, no trees
980	90	110	Imp. pasture: no rock, no farms, no trees	Dry heather moor: no rock, no burning, no trees
816	90	120	Imp. pasture: no rock, no farms, no trees	Wet heather moor: no rock, no burning, no trees
329	90	124	Imp. pasture: no rock, no farms, no trees	Wet heather moor: rock, no burning, no trees
510	90	130	Imp. pasture: no rock, no farms, no trees	Undiff. heather moor: no rock, no burning, no trees
541	90	134	Imp. pasture: no rock, no farms, no trees	Undiff. heather moor: rock, no burning, no trees
328	90	140	Imp. pasture: no rock, no farms, no trees	Undiff. Nardus/Molinia: no rock, no trees
1262	90	141	Imp. pasture: no rock, no farms, no trees	Undiff. Nardus/Molinia: no rock, trees
823	90	142	Imp. pasture: no rock, no farms, no trees	Undiff. Nardus/Molinia: rock, no trees
353	90	150	Imp. pasture: no rock, no farms, no trees	Smooth grass/rushes: no rock, no trees
979	90	151	Imp. pasture: no rock, no farms, no trees	Smooth grass/rushes: no rock, trees
635	90	152	Imp. pasture: no rock, no farms, no trees	Smooth grass/rushes: rock, no trees
409	90	155	Imp. pasture: no rock, no farms, no trees	Smooth grass/low scrub: no rock, no trees
652	90	156	Imp. pasture: no rock, no farms, no trees	Smooth grass/low scrub: no rock, trees
660	90	157	Imp. pasture: no rock, no farms, no trees	Smooth grass/low scrub: rock, no trees
1429	90	158	Imp. pasture: no rock, no farms, no trees	Smooth grass/low scrub: rock, trees
390	90	160	Imp. pasture: no rock, no farms, no trees	Undiff. smooth grass.: no rock, no trees
756	90	161	Imp. pasture: no rock, no farms, no trees	Undiff. smooth grass.: no rock, trees
453	90	162	Imp. pasture: no rock, no farms, no trees	Undiff. smooth grass.: rock, no trees
792	90	163	Imp. pasture: no rock, no farms, no trees	Undiff. smooth grass.: rock, trees
418	90	170	Imp. pasture: no rock, no farms, no trees	Undiff. bracken: no rock, no trees
1265	90	171	Imp. pasture: no rock, no farms, no trees	Undiff. bracken: no rock, trees
1391	90	172	Imp. pasture: no rock, no farms, no trees	Undiff. bracken: rock, no trees

(continued on next page)

Table A.2 Coding key for mosaics ordered by primary component (continued)

mosaic code	component codes		primary feature	secondary feature
	primary	secondary		
778	90	180	Imp. pasture: no rock, no farms, no trees	Blanket bog/peat. veg.: erosion, no trees
324	90	182	Imp. pasture: no rock, no farms, no trees	Blanket bog/peat. veg.: no erosion, no trees
308	90	186	Imp. pasture: no rock, no farms, no trees	Blanket bog/peat. veg.: other peat workings
337	90	190	Imp. pasture: no rock, no farms, no trees	Undiff. salt marsh: no trees
1114	90	191	Imp. pasture: no rock, no farms, no trees	Maritime grassland: no trees
955	90	200	Imp. pasture: no rock, no farms, no trees	Wetlands: no drains, no trees
320	90	201	Imp. pasture: no rock, no farms, no trees	Wetlands: drains, no trees
793	90	212	Imp. pasture: no rock, no farms, no trees	Links area: grass
1117	91	76	Imp. pasture: no rock, no farms, trees	Undiff. broadleaved (area)
682	91	82	Imp. pasture: no rock, no farms, trees	Undiff. low scrub
471	91	111	Imp. pasture: no rock, no farms, trees	Dry heather moor: no rock, no burning, trees
1416	91	121	Imp. pasture: no rock, no farms, trees	Wet heather moor: no rock, no burning, trees
403	91	131	Imp. pasture: no rock, no farms, trees	Undiff. heather moor: no rock, no burning, trees
678	91	150	Imp. pasture: no rock, no farms, trees	Smooth grass/rushes: no rock, no trees
427	91	151	Imp. pasture: no rock, no farms, trees	Smooth grass/rushes: no rock, trees
1215	91	152	Imp. pasture: no rock, no farms, trees	Smooth grass/rushes: rock, no trees
791	91	156	Imp. pasture: no rock, no farms, trees	Smooth grass/low scrub: no rock, trees
960	91	158	Imp. pasture: no rock, no farms, trees	Smooth grass/low scrub: rock, trees
961	91	161	Imp. pasture: no rock, no farms, trees	Undiff. smooth grass.: no rock, trees
789	91	163	Imp. pasture: no rock, no farms, trees	Undiff. smooth grass.: rock, trees
1288	92	82	Imp. pasture: no rock, farms, no trees	Undiff. low scrub
700	92	96	Imp. pasture: no rock, farms, no trees	Imp. pasture: rock, farms, no trees
764	92	115	Imp. pasture: no rock, farms, no trees	Dry heather moor: rock, no burning, trees
1186	92	120	Imp. pasture: no rock, farms, no trees	Wet heather moor: no rock, no burning, no trees
817	92	124	Imp. pasture: no rock, farms, no trees	Wet heather moor: rock, no burning, no trees
833	92	140	Imp. pasture: no rock, farms, no trees	Undiff. Nardus/Molinia: no rock, no trees
518	92	150	Imp. pasture: no rock, farms, no trees	Smooth grass/rushes: no rock, no trees
821	92	152	Imp. pasture: no rock, farms, no trees	Smooth grass/rushes: rock, no trees
887	92	153	Imp. pasture: no rock, farms, no trees	Smooth grass/rushes: rock, trees
480	92	160	Imp. pasture: no rock, farms, no trees	Undiff. smooth grass.: no rock, no trees
824	92	162	Imp. pasture: no rock, farms, no trees	Undiff. smooth grass.: rock, no trees
341	92	182	Imp. pasture: no rock, farms, no trees	Blanket bog/peat. veg.: no erosion, no trees
971	92	200	Imp. pasture: no rock, farms, no trees	Wetlands: no drains, no trees
968	92	201	Imp. pasture: no rock, farms, no trees	Wetlands: drains, no trees
394	93	97	Imp. pasture: no rock, farms, trees	Imp. pasture: rock, farms, trees
1430	93	150	Imp. pasture: no rock, farms, trees	Smooth grass/rushes: no rock, no trees
828	93	156	Imp. pasture: no rock, farms, trees	Smooth grass/low scrub: no rock, trees
1394	93	158	Imp. pasture: no rock, farms, trees	Smooth grass/low scrub: rock, trees
886	93	183	Imp. pasture: no rock, farms, trees	Blanket bog/peat. veg.: no erosion, trees
378	94	70	Imp. pasture: rock, no farms, no trees	Coniferous plantation (area)
376	94	82	Imp. pasture: rock, no farms, no trees	Undiff. low scrub
318	94	124	Imp. pasture: rock, no farms, no trees	Wet heather moor: rock, no burning, no trees
1198	94	134	Imp. pasture: rock, no farms, no trees	Undiff. heather moor: rock, no burning, no trees
601	94	140	Imp. pasture: rock, no farms, no trees	Undiff. Nardus/Molinia: no rock, no trees
1018	94	142	Imp. pasture: rock, no farms, no trees	Undiff. Nardus/Molinia: rock, no trees
452	94	150	Imp. pasture: rock, no farms, no trees	Smooth grass/rushes: no rock, no trees
637	94	152	Imp. pasture: rock, no farms, no trees	Smooth grass/rushes: rock, no trees
1372	94	155	Imp. pasture: rock, no farms, no trees	Smooth grass/low scrub: no rock, no trees
962	94	156	Imp. pasture: rock, no farms, no trees	Smooth grass/low scrub: no rock, trees
605	94	157	Imp. pasture: rock, no farms, no trees	Smooth grass/low scrub: rock, no trees

(continued on next page)

Table A.2 Coding key for mosaics ordered by primary component (continued).

mosaic code	component codes		primary feature	secondary feature
	primary	secondary		
1257	94	158	Imp. pasture: rock, no farms, no trees	Smooth grass/low scrub: rock, trees
1284	94	160	Imp. pasture: rock, no farms, no trees	Undiff. smooth grass.: no rock, no trees
499	94	162	Imp. pasture: rock, no farms, no trees	Undiff. smooth grass.: rock, no trees
1303	94	163	Imp. pasture: rock, no farms, no trees	Undiff. smooth grass.: rock, trees
1301	94	170	Imp. pasture: rock, no farms, no trees	Undiff. bracken: no rock, no trees
1019	94	172	Imp. pasture: rock, no farms, no trees	Undiff. bracken: rock, no trees
323	94	182	Imp. pasture: rock, no farms, no trees	Blanket bog/peat. veg.: no erosion, no trees
314	94	186	Imp. pasture: rock, no farms, no trees	Blanket bog/peat. veg.: other peat workings
616	94	200	Imp. pasture: rock, no farms, no trees	Wetlands: no drains, no trees
724	94	212	Imp. pasture: rock, no farms, no trees	Links area: grass
377	95	82	Imp. pasture: rock, no farms, trees	Undiff. low scrub
1348	95	141	Imp. pasture: rock, no farms, trees	Undiff. Nardus/Molinia: no rock, trees
1477	95	150	Imp. pasture: rock, no farms, trees	Smooth grass/rushes: no rock, no trees
957	95	151	Imp. pasture: rock, no farms, trees	Smooth grass/rushes: no rock, trees
1261	95	158	Imp. pasture: rock, no farms, trees	Smooth grass/low scrub: rock, trees
1224	95	162	Imp. pasture: rock, no farms, trees	Undiff. smooth grass.: rock, no trees
615	95	182	Imp. pasture: rock, no farms, trees	Blanket bog/peat. veg.: no erosion, no trees
1124	96	120	Imp. pasture: rock, farms, no trees	Wet heather moor: no rock, no burning, no trees
595	96	124	Imp. pasture: rock, farms, no trees	Wet heather moor: rock, no burning, no trees
600	96	150	Imp. pasture: rock, farms, no trees	Smooth grass/rushes: no rock, no trees
1211	96	152	Imp. pasture: rock, farms, no trees	Smooth grass/rushes: rock, no trees
310	96	186	Imp. pasture: rock, farms, no trees	Blanket bog/peat. veg.: other peat workings
1406	97	152	Imp. pasture: rock, farms, trees	Smooth grass/rushes: rock, no trees
1299	97	163	Imp. pasture: rock, farms, trees	Undiff. smooth grass.: rock, trees
655	100	155	Arable: no rock, no farms, no trees	Smooth grass/low scrub: no rock, no trees
305	100	212	Arable: no rock, no farms, no trees	Links area: grass
335	102	212	Arable: no rock, farms, no trees	Links area: grass
1133	110	10	Dry heather moor: no rock, no burning, no trees	Rock and cliffs (area)
680	110	12	Dry heather moor: no rock, no burning, no trees	Quarries and opencast (area)
472	110	82	Dry heather moor: no rock, no burning, no trees	Undiff. low scrub
814	110	84	Dry heather moor: no rock, no burning, no trees	Recently felled forestry
1003	110	85	Dry heather moor: no rock, no burning, no trees	Open canopy (young plantation)
696	110	90	Dry heather moor: no rock, no burning, no trees	Imp. pasture: no rock, no farms, no trees
859	110	114	Dry heather moor: no rock, no burning, no trees	Dry heather moor: rock, no burning, no trees
808	110	121	Dry heather moor: no rock, no burning, no trees	Wet heather moor: no rock, no burning, trees
916	110	130	Dry heather moor: no rock, no burning, no trees	Undiff. heather moor: no rock, no burning, no trees
874	110	135	Dry heather moor: no rock, no burning, no trees	Undiff. heather moor: rock, no burning, trees
486	110	140	Dry heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
475	110	150	Dry heather moor: no rock, no burning, no trees	Smooth grass/rushes: no rock, no trees
473	110	155	Dry heather moor: no rock, no burning, no trees	Smooth grass/low scrub: no rock, no trees
731	110	156	Dry heather moor: no rock, no burning, no trees	Smooth grass/low scrub: no rock, trees
389	110	160	Dry heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
752	110	161	Dry heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, trees
460	110	170	Dry heather moor: no rock, no burning, no trees	Undiff. bracken: no rock, no trees
488	110	180	Dry heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: erosion, no trees
476	110	182	Dry heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
948	110	222	Dry heather moor: no rock, no burning, no trees	Undiff. montane veg.: rock
892	110	223	Dry heather moor: no rock, no burning, no trees	Undiff. montane veg.: no rock
1025	111	75	Dry heather moor: no rock, no burning, trees	Coniferous semi-natural (point)
535	111	82	Dry heather moor: no rock, no burning, trees	Undiff. low scrub

(continued on next page)

Table A.2 Coding key for mosaics ordered by primary component (continued)

mosaic code	component codes		primary feature	secondary feature
	primary	secondary		
934	111	84	Dry heather moor: no rock, no burning, trees	Recently felled forestry
931	111	85	Dry heather moor: no rock, no burning, trees	Open canopy (young plantation)
1139	111	101	Dry heather moor: no rock, no burning, trees	Arable: no rock, no farms, trees
813	111	120	Dry heather moor: no rock, no burning, trees	Wet heather moor: no rock, no burning, no trees
986	111	121	Dry heather moor: no rock, no burning, trees	Wet heather moor: no rock, no burning, trees
987	111	130	Dry heather moor: no rock, no burning, trees	Undiff. heather moor: no rock, no burning, no trees
950	111	141	Dry heather moor: no rock, no burning, trees	Undiff. Nardus/Molinia: no rock, trees
707	111	150	Dry heather moor: no rock, no burning, trees	Smooth grass/rushes: no rock, no trees
1076	111	151	Dry heather moor: no rock, no burning, trees	Smooth grass/rushes: no rock, trees
1498	111	155	Dry heather moor: no rock, no burning, trees	Smooth grass/low scrub: no rock, no trees
630	111	156	Dry heather moor: no rock, no burning, trees	Smooth grass/low scrub: no rock, trees
760	111	160	Dry heather moor: no rock, no burning, trees	Undiff. smooth grass.: no rock, no trees
491	111	161	Dry heather moor: no rock, no burning, trees	Undiff. smooth grass.: no rock, trees
1038	111	162	Dry heather moor: no rock, no burning, trees	Undiff. smooth grass.: rock, no trees
983	111	170	Dry heather moor: no rock, no burning, trees	Undiff. bracken: no rock, no trees
513	111	171	Dry heather moor: no rock, no burning, trees	Undiff. bracken: no rock, trees
536	111	182	Dry heather moor: no rock, no burning, trees	Blanket bog/peat. veg.: no erosion, no trees
643	111	183	Dry heather moor: no rock, no burning, trees	Blanket bog/peat. veg.: no erosion, trees
1131	112	10	Dry heather moor: no rock, burning, no trees	Rock and cliffs (area)
681	112	12	Dry heather moor: no rock, burning, no trees	Quarries and opencast (area)
490	112	82	Dry heather moor: no rock, burning, no trees	Undiff. low scrub
1339	112	110	Dry heather moor: no rock, burning, no trees	Dry heather moor: no rock, no burning, no trees
463	112	122	Dry heather moor: no rock, burning, no trees	Wet heather moor: no rock, burning, no trees
1270	112	134	Dry heather moor: no rock, burning, no trees	Undiff. heather moor: rock, no burning, no trees
532	112	140	Dry heather moor: no rock, burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
1311	112	142	Dry heather moor: no rock, burning, no trees	Undiff. Nardus/Molinia: rock, no trees
467	112	150	Dry heather moor: no rock, burning, no trees	Smooth grass/rushes: no rock, no trees
466	112	160	Dry heather moor: no rock, burning, no trees	Undiff. smooth grass.: no rock, no trees
978	112	161	Dry heather moor: no rock, burning, no trees	Undiff. smooth grass.: no rock, trees
844	112	170	Dry heather moor: no rock, burning, no trees	Undiff. bracken: no rock, no trees
847	112	171	Dry heather moor: no rock, burning, no trees	Undiff. bracken: no rock, trees
795	112	172	Dry heather moor: no rock, burning, no trees	Undiff. bracken: rock, no trees
650	112	180	Dry heather moor: no rock, burning, no trees	Blanket bog/peat. veg.: erosion, no trees
552	112	182	Dry heather moor: no rock, burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
1116	112	222	Dry heather moor: no rock, burning, no trees	Undiff. montane veg.: rock
920	112	223	Dry heather moor: no rock, burning, no trees	Undiff. montane veg.: no rock
1482	113	70	Dry heather moor: no rock, burning, trees	Coniferous plantation (area)
462	113	123	Dry heather moor: no rock, burning, trees	Wet heather moor: no rock, burning, trees
1119	113	150	Dry heather moor: no rock, burning, trees	Smooth grass/rushes: no rock, no trees
1125	113	151	Dry heather moor: no rock, burning, trees	Smooth grass/rushes: no rock, trees
811	113	156	Dry heather moor: no rock, burning, trees	Smooth grass/low scrub: no rock, trees
1127	113	161	Dry heather moor: no rock, burning, trees	Undiff. smooth grass.: no rock, trees
922	113	162	Dry heather moor: no rock, burning, trees	Undiff. smooth grass.: rock, no trees
988	113	182	Dry heather moor: no rock, burning, trees	Blanket bog/peat. veg.: no erosion, no trees
779	114	10	Dry heather moor: rock, no burning, no trees	Rock and cliffs (area)
1039	114	70	Dry heather moor: rock, no burning, no trees	Coniferous plantation (area)
812	114	82	Dry heather moor: rock, no burning, no trees	Undiff. low scrub
1006	114	83	Dry heather moor: rock, no burning, no trees	Recent ploughing for forestry
1337	114	90	Dry heather moor: rock, no burning, no trees	Imp. pasture: no rock, no farms, no trees
1054	114	120	Dry heather moor: rock, no burning, no trees	Wet heather moor: no rock, no burning, no trees

(continued on next page)

Table A.2 Coding key for mosaics ordered by primary component (continued).

mosaic code	component codes		primary feature	secondary feature
	primary	secondary		
989	114	130	Dry heather moor: rock, no burning, no trees	Undiff. heather moor: no rock, no burning, no trees
990	114	134	Dry heather moor: rock, no burning, no trees	Undiff. heather moor: rock, no burning, no trees
956	114	140	Dry heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
568	114	142	Dry heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: rock, no trees
918	114	143	Dry heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: rock, trees
753	114	156	Dry heather moor: rock, no burning, no trees	Smooth grass/low scrub: no rock, trees
482	114	157	Dry heather moor: rock, no burning, no trees	Smooth grass/low scrub: rock, no trees
1016	114	160	Dry heather moor: rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
1112	114	161	Dry heather moor: rock, no burning, no trees	Undiff. smooth grass.: no rock, trees
326	114	162	Dry heather moor: rock, no burning, no trees	Undiff. smooth grass.: rock, no trees
1333	114	163	Dry heather moor: rock, no burning, no trees	Undiff. smooth grass.: rock, trees
845	114	170	Dry heather moor: rock, no burning, no trees	Undiff. bracken: no rock, no trees
316	114	172	Dry heather moor: rock, no burning, no trees	Undiff. bracken: rock, no trees
994	114	180	Dry heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: erosion, no trees
420	114	182	Dry heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
904	114	222	Dry heather moor: rock, no burning, no trees	Undiff. montane veg.: rock
1040	114	223	Dry heather moor: rock, no burning, no trees	Undiff. montane veg.: no rock
1177	115	82	Dry heather moor: rock, no burning, trees	Undiff. low scrub
1010	115	84	Dry heather moor: rock, no burning, trees	Recently felled forestry
963	115	157	Dry heather moor: rock, no burning, trees	Smooth grass/low scrub: rock, no trees
468	115	161	Dry heather moor: rock, no burning, trees	Undiff. smooth grass.: no rock, trees
1158	115	162	Dry heather moor: rock, no burning, trees	Undiff. smooth grass.: rock, no trees
456	115	163	Dry heather moor: rock, no burning, trees	Undiff. smooth grass.: rock, trees
1380	115	171	Dry heather moor: rock, no burning, trees	Undiff. bracken: no rock, trees
774	115	172	Dry heather moor: rock, no burning, trees	Undiff. bracken: rock, no trees
746	115	173	Dry heather moor: rock, no burning, trees	Undiff. bracken: rock, trees
1497	115	202	Dry heather moor: rock, no burning, trees	Wetlands: no drains, trees
1041	116	140	Dry heather moor: rock, burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
1364	116	142	Dry heather moor: rock, burning, no trees	Undiff. Nardus/Molinia: rock, no trees
1042	116	160	Dry heather moor: rock, burning, no trees	Undiff. smooth grass.: no rock, no trees
470	116	162	Dry heather moor: rock, burning, no trees	Undiff. smooth grass.: rock, no trees
843	116	172	Dry heather moor: rock, burning, no trees	Undiff. bracken: rock, no trees
1084	116	180	Dry heather moor: rock, burning, no trees	Blanket bog/peat. veg.: erosion, no trees
469	116	182	Dry heather moor: rock, burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
1012	116	222	Dry heather moor: rock, burning, no trees	Undiff. montane veg.: rock
1043	116	223	Dry heather moor: rock, burning, no trees	Undiff. montane veg.: no rock
991	117	121	Dry heather moor: rock, burning, trees	Wet heather moor: no rock, no burning, trees
1141	117	127	Dry heather moor: rock, burning, trees	Wet heather moor: rock, burning, trees
1263	120	15	Wet heather moor: no rock, no burning, no trees	Bings and refuse tips (point)
658	120	18	Wet heather moor: no rock, no burning, no trees	Water (area)
1135	120	19	Wet heather moor: no rock, no burning, no trees	Water (point)
693	120	90	Wet heather moor: no rock, no burning, no trees	Imp. pasture: no rock, no farms, no trees
670	120	94	Wet heather moor: no rock, no burning, no trees	Imp. pasture: rock, no farms, no trees
641	120	110	Wet heather moor: no rock, no burning, no trees	Dry heather moor: no rock, no burning, no trees
982	120	134	Wet heather moor: no rock, no burning, no trees	Undiff. heather moor: rock, no burning, no trees
521	120	140	Wet heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
1088	120	142	Wet heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: rock, no trees
352	120	150	Wet heather moor: no rock, no burning, no trees	Smooth grass/rushes: no rock, no trees
368	120	155	Wet heather moor: no rock, no burning, no trees	Smooth grass/low scrub: no rock, no trees
364	120	160	Wet heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees

(continued on next page)

Table A.2 Coding key for mosaics ordered by primary component (continued)

mosaic code	component codes		primary feature	secondary feature
	primary	secondary		
704	120	162	Wet heather moor: no rock, no burning, no trees	Undiff. smooth grass.: rock, no trees
1464	120	170	Wet heather moor: no rock, no burning, no trees	Undiff. bracken: no rock, no trees
556	120	180	Wet heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: erosion, no trees
361	120	182	Wet heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
671	120	184	Wet heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: dubh lochans
363	120	186	Wet heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: other peat workings
1005	120	191	Wet heather moor: no rock, no burning, no trees	Maritime grassland: no trees
1393	121	141	Wet heather moor: no rock, no burning, trees	Undiff. Nardus/Molinia: no rock, trees
512	121	151	Wet heather moor: no rock, no burning, trees	Smooth grass/rushes: no rock, trees
1107	121	155	Wet heather moor: no rock, no burning, trees	Smooth grass/low scrub: no rock, no trees
907	121	183	Wet heather moor: no rock, no burning, trees	Blanket bog/peat. veg.: no erosion, trees
1466	122	142	Wet heather moor: no rock, burning, no trees	Undiff. Nardus/Molinia: rock, no trees
973	122	150	Wet heather moor: no rock, burning, no trees	Smooth grass/rushes: no rock, no trees
1467	122	160	Wet heather moor: no rock, burning, no trees	Undiff. smooth grass.: no rock, no trees
1487	122	182	Wet heather moor: no rock, burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
1106	123	151	Wet heather moor: no rock, burning, trees	Smooth grass/rushes: no rock, trees
304	124	10	Wet heather moor: rock, no burning, no trees	Rock and cliffs (area)
1056	124	19	Wet heather moor: rock, no burning, no trees	Water (point)
567	124	90	Wet heather moor: rock, no burning, no trees	Imp. pasture: no rock, no farms, no trees
542	124	94	Wet heather moor: rock, no burning, no trees	Imp. pasture: rock, no farms, no trees
598	124	96	Wet heather moor: rock, no burning, no trees	Imp. pasture: rock, farms, no trees
1352	124	114	Wet heather moor: rock, no burning, no trees	Dry heather moor: rock, no burning, no trees
526	124	140	Wet heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
573	124	142	Wet heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: rock, no trees
699	124	150	Wet heather moor: rock, no burning, no trees	Smooth grass/rushes: no rock, no trees
1422	124	160	Wet heather moor: rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
446	124	162	Wet heather moor: rock, no burning, no trees	Undiff. smooth grass.: rock, no trees
1463	124	172	Wet heather moor: rock, no burning, no trees	Undiff. bracken: rock, no trees
340	124	180	Wet heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: erosion, no trees
312	124	182	Wet heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
315	124	186	Wet heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: other peat workings
302	124	191	Wet heather moor: rock, no burning, no trees	Maritime grassland: no trees
1187	125	182	Wet heather moor: rock, no burning, trees	Blanket bog/peat. veg.: no erosion, no trees
1128	130	10	Undiff. heather moor: no rock, no burning, no trees	Rock and cliffs (area)
1230	130	14	Undiff. heather moor: no rock, no burning, no trees	Bings and refuse tips (area)
1094	130	70	Undiff. heather moor: no rock, no burning, no trees	Coniferous plantation (area)
1327	130	76	Undiff. heather moor: no rock, no burning, no trees	Undiff. broadleaved (area)
809	130	82	Undiff. heather moor: no rock, no burning, no trees	Undiff. low scrub
359	130	90	Undiff. heather moor: no rock, no burning, no trees	Imp. pasture: no rock, no farms, no trees
642	130	110	Undiff. heather moor: no rock, no burning, no trees	Dry heather moor: no rock, no burning, no trees
442	130	140	Undiff. heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
1462	130	141	Undiff. heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, trees
1007	130	142	Undiff. heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: rock, no trees
437	130	150	Undiff. heather moor: no rock, no burning, no trees	Smooth grass/rushes: no rock, no trees
1217	130	152	Undiff. heather moor: no rock, no burning, no trees	Smooth grass/rushes: rock, no trees
417	130	155	Undiff. heather moor: no rock, no burning, no trees	Smooth grass/low scrub: no rock, no trees
857	130	156	Undiff. heather moor: no rock, no burning, no trees	Smooth grass/low scrub: no rock, trees
385	130	160	Undiff. heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
1294	130	161	Undiff. heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, trees
362	130	170	Undiff. heather moor: no rock, no burning, no trees	Undiff. bracken: no rock, no trees

(continued on next page)

Table A.2 Coding key for mosaics ordered by primary component (continued).

mosaic code	component codes		primary feature	secondary feature
	primary	secondary		
477	130	180	Undiff. heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: erosion, no trees
374	130	182	Undiff. heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
1396	130	183	Undiff. heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, trees
370	130	186	Undiff. heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: other peat workings
972	130	191	Undiff. heather moor: no rock, no burning, no trees	Maritime grassland: no trees
781	130	211	Undiff. heather moor: no rock, no burning, no trees	Partially stabilized dunes
483	130	221	Undiff. heather moor: no rock, no burning, no trees	recoded as 180
905	130	222	Undiff. heather moor: no rock, no burning, no trees	Undiff. montane veg.: rock
640	130	223	Undiff. heather moor: no rock, no burning, no trees	Undiff. montane veg.: no rock
1388	131	73	Undiff. heather moor: no rock, no burning, trees	Coniferous semi-natural (area)
1109	131	76	Undiff. heather moor: no rock, no burning, trees	Undiff. broadleaved (area)
1146	131	82	Undiff. heather moor: no rock, no burning, trees	Undiff. low scrub
1011	131	84	Undiff. heather moor: no rock, no burning, trees	Recently felled forestry
1384	131	85	Undiff. heather moor: no rock, no burning, trees	Open canopy (young plantation)
949	131	140	Undiff. heather moor: no rock, no burning, trees	Undiff. Nardus/Molinia: no rock, no trees
741	131	141	Undiff. heather moor: no rock, no burning, trees	Undiff. Nardus/Molinia: no rock, trees
1129	131	150	Undiff. heather moor: no rock, no burning, trees	Smooth grass/rushes: no rock, no trees
487	131	151	Undiff. heather moor: no rock, no burning, trees	Smooth grass/rushes: no rock, trees
1471	131	155	Undiff. heather moor: no rock, no burning, trees	Smooth grass/low scrub: no rock, no trees
412	131	156	Undiff. heather moor: no rock, no burning, trees	Smooth grass/low scrub: no rock, trees
1452	131	160	Undiff. heather moor: no rock, no burning, trees	Undiff. smooth grass.: no rock, no trees
408	131	161	Undiff. heather moor: no rock, no burning, trees	Undiff. smooth grass.: no rock, trees
1189	131	162	Undiff. heather moor: no rock, no burning, trees	Undiff. smooth grass.: rock, no trees
1357	131	171	Undiff. heather moor: no rock, no burning, trees	Undiff. bracken: no rock, trees
952	131	180	Undiff. heather moor: no rock, no burning, trees	Blanket bog/peat. veg.: erosion, no trees
1073	131	182	Undiff. heather moor: no rock, no burning, trees	Blanket bog/peat. veg.: no erosion, no trees
500	131	183	Undiff. heather moor: no rock, no burning, trees	Blanket bog/peat. veg.: no erosion, trees
1155	132	10	Undiff. heather moor: no rock, burning, no trees	Rock and cliffs (area)
1344	132	90	Undiff. heather moor: no rock, burning, no trees	Imp. pasture: no rock, no farms, no trees
346	132	124	Undiff. heather moor: no rock, burning, no trees	Wet heather moor: rock, no burning, no trees
443	132	140	Undiff. heather moor: no rock, burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
1271	132	142	Undiff. heather moor: no rock, burning, no trees	Undiff. Nardus/Molinia: rock, no trees
695	132	150	Undiff. heather moor: no rock, burning, no trees	Smooth grass/rushes: no rock, no trees
981	132	152	Undiff. heather moor: no rock, burning, no trees	Smooth grass/rushes: rock, no trees
407	132	160	Undiff. heather moor: no rock, burning, no trees	Undiff. smooth grass.: no rock, no trees
1335	132	161	Undiff. heather moor: no rock, burning, no trees	Undiff. smooth grass.: no rock, trees
1381	132	162	Undiff. heather moor: no rock, burning, no trees	Undiff. smooth grass.: rock, no trees
1302	132	170	Undiff. heather moor: no rock, burning, no trees	Undiff. bracken: no rock, no trees
860	132	180	Undiff. heather moor: no rock, burning, no trees	Blanket bog/peat. veg.: erosion, no trees
438	132	182	Undiff. heather moor: no rock, burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
686	132	186	Undiff. heather moor: no rock, burning, no trees	Blanket bog/peat. veg.: other peat workings
1017	132	223	Undiff. heather moor: no rock, burning, no trees	Undiff. montane veg.: no rock
511	133	140	Undiff. heather moor: no rock, burning, trees	Undiff. Nardus/Molinia: no rock, no trees
1102	133	151	Undiff. heather moor: no rock, burning, trees	Smooth grass/rushes: no rock, trees
1015	133	183	Undiff. heather moor: no rock, burning, trees	Blanket bog/peat. veg.: no erosion, trees
632	134	10	Undiff. heather moor: rock, no burning, no trees	Rock and cliffs (area)
1426	134	27	Undiff. heather moor: rock, no burning, no trees	Snow cover
1325	134	70	Undiff. heather moor: rock, no burning, no trees	Coniferous plantation (area)
1192	134	83	Undiff. heather moor: rock, no burning, no trees	Recent ploughing for forestry
1320	134	85	Undiff. heather moor: rock, no burning, no trees	Open canopy (young plantation)

(continued on next page)

Table A.2 Coding key for mosaics ordered by primary component (continued)

mosaic code	component codes		primary feature	secondary feature
	primary	secondary		
1341	134	94	Undiff. heather moor: rock, no burning, no trees	Imp. pasture: rock, no farms, no trees
1030	134	120	Undiff. heather moor: rock, no burning, no trees	Wet heather moor: no rock, no burning, no trees
665	134	130	Undiff. heather moor: rock, no burning, no trees	Undiff. heather moor: no rock, no burning, no trees
933	134	140	Undiff. heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
1457	134	141	Undiff. heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, trees
448	134	142	Undiff. heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: rock, no trees
604	134	143	Undiff. heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: rock, trees
850	134	150	Undiff. heather moor: rock, no burning, no trees	Smooth grass/rushes: no rock, no trees
636	134	152	Undiff. heather moor: rock, no burning, no trees	Smooth grass/rushes: rock, no trees
1428	134	157	Undiff. heather moor: rock, no burning, no trees	Smooth grass/low scrub: rock, no trees
1122	134	160	Undiff. heather moor: rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
1472	134	161	Undiff. heather moor: rock, no burning, no trees	Undiff. smooth grass.: no rock, trees
396	134	162	Undiff. heather moor: rock, no burning, no trees	Undiff. smooth grass.: rock, no trees
481	134	163	Undiff. heather moor: rock, no burning, no trees	Undiff. smooth grass.: rock, trees
923	134	170	Undiff. heather moor: rock, no burning, no trees	Undiff. bracken: no rock, no trees
366	134	172	Undiff. heather moor: rock, no burning, no trees	Undiff. bracken: rock, no trees
587	134	173	Undiff. heather moor: rock, no burning, no trees	Undiff. bracken: rock, trees
580	134	180	Undiff. heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: erosion, no trees
360	134	182	Undiff. heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
646	134	183	Undiff. heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, trees
478	134	186	Undiff. heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: other peat workings
656	134	191	Undiff. heather moor: rock, no burning, no trees	Maritime grassland: no trees
1031	134	200	Undiff. heather moor: rock, no burning, no trees	Wetlands: no drains, no trees
794	134	212	Undiff. heather moor: rock, no burning, no trees	Links area: grass
912	134	222	Undiff. heather moor: rock, no burning, no trees	Undiff. montane veg.: rock
1449	134	223	Undiff. heather moor: rock, no burning, no trees	Undiff. montane veg.: no rock
940	135	10	Undiff. heather moor: rock, no burning, trees	Rock and cliffs (area)
765	135	76	Undiff. heather moor: rock, no burning, trees	Undiff. broadleaved (area)
1424	135	142	Undiff. heather moor: rock, no burning, trees	Undiff. Nardus/Molinia: rock, no trees
740	135	143	Undiff. heather moor: rock, no burning, trees	Undiff. Nardus/Molinia: rock, trees
1417	135	150	Undiff. heather moor: rock, no burning, trees	Smooth grass/rushes: no rock, no trees
1446	135	156	Undiff. heather moor: rock, no burning, trees	Smooth grass/low scrub: no rock, trees
1254	135	158	Undiff. heather moor: rock, no burning, trees	Smooth grass/low scrub: rock, trees
1445	135	160	Undiff. heather moor: rock, no burning, trees	Undiff. smooth grass.: no rock, no trees
776	135	161	Undiff. heather moor: rock, no burning, trees	Undiff. smooth grass.: no rock, trees
785	135	162	Undiff. heather moor: rock, no burning, trees	Undiff. smooth grass.: rock, no trees
771	135	163	Undiff. heather moor: rock, no burning, trees	Undiff. smooth grass.: rock, trees
1182	135	170	Undiff. heather moor: rock, no burning, trees	Undiff. bracken: no rock, no trees
770	135	173	Undiff. heather moor: rock, no burning, trees	Undiff. bracken: rock, trees
1425	135	180	Undiff. heather moor: rock, no burning, trees	Blanket bog/peat. veg.: erosion, no trees
739	135	181	Undiff. heather moor: rock, no burning, trees	Blanket bog/peat. veg.: erosion, trees
745	135	182	Undiff. heather moor: rock, no burning, trees	Blanket bog/peat. veg.: no erosion, no trees
800	135	183	Undiff. heather moor: rock, no burning, trees	Blanket bog/peat. veg.: no erosion, trees
1392	136	140	Undiff. heather moor: rock, burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
909	136	142	Undiff. heather moor: rock, burning, no trees	Undiff. Nardus/Molinia: rock, no trees
754	136	150	Undiff. heather moor: rock, burning, no trees	Smooth grass/rushes: no rock, no trees
1087	136	162	Undiff. heather moor: rock, burning, no trees	Undiff. smooth grass.: rock, no trees
1387	136	172	Undiff. heather moor: rock, burning, no trees	Undiff. bracken: rock, no trees
924	136	182	Undiff. heather moor: rock, burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
1086	136	186	Undiff. heather moor: rock, burning, no trees	Blanket bog/peat. veg.: other peat workings

(continued on next page)

Table A.2 Coding key for mosaics ordered by primary component (continued).

mosaic code	component codes		primary feature	secondary feature
	primary	secondary		
767	140	10	Undiff. Nardus/Molinia: no rock, no trees	Rock and cliffs (area)
1229	140	14	Undiff. Nardus/Molinia: no rock, no trees	Bings and refuse tips (area)
1317	140	15	Undiff. Nardus/Molinia: no rock, no trees	Bings and refuse tips (point)
944	140	70	Undiff. Nardus/Molinia: no rock, no trees	Coniferous plantation (area)
856	140	82	Undiff. Nardus/Molinia: no rock, no trees	Undiff. low scrub
1266	140	83	Undiff. Nardus/Molinia: no rock, no trees	Recent ploughing for forestry
668	140	90	Undiff. Nardus/Molinia: no rock, no trees	Imp. pasture: no rock, no farms, no trees
1044	140	94	Undiff. Nardus/Molinia: no rock, no trees	Imp. pasture: rock, no farms, no trees
762	140	110	Undiff. Nardus/Molinia: no rock, no trees	Dry heather moor: no rock, no burning, no trees
820	140	112	Undiff. Nardus/Molinia: no rock, no trees	Dry heather moor: no rock, burning, no trees
485	140	120	Undiff. Nardus/Molinia: no rock, no trees	Wet heather moor: no rock, no burning, no trees
527	140	124	Undiff. Nardus/Molinia: no rock, no trees	Wet heather moor: rock, no burning, no trees
564	140	130	Undiff. Nardus/Molinia: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
1174	140	132	Undiff. Nardus/Molinia: no rock, no trees	Undiff. heather moor: no rock, burning, no trees
929	140	134	Undiff. Nardus/Molinia: no rock, no trees	Undiff. heather moor: rock, no burning, no trees
915	140	142	Undiff. Nardus/Molinia: no rock, no trees	Undiff. Nardus/Molinia: rock, no trees
416	140	150	Undiff. Nardus/Molinia: no rock, no trees	Smooth grass/rushes: no rock, no trees
1312	140	151	Undiff. Nardus/Molinia: no rock, no trees	Smooth grass/rushes: no rock, trees
1279	140	155	Undiff. Nardus/Molinia: no rock, no trees	Smooth grass/low scrub: no rock, no trees
1336	140	157	Undiff. Nardus/Molinia: no rock, no trees	Smooth grass/low scrub: rock, no trees
444	140	160	Undiff. Nardus/Molinia: no rock, no trees	Undiff. smooth grass.: no rock, no trees
1310	140	161	Undiff. Nardus/Molinia: no rock, no trees	Undiff. smooth grass.: no rock, trees
579	140	162	Undiff. Nardus/Molinia: no rock, no trees	Undiff. smooth grass.: rock, no trees
592	140	170	Undiff. Nardus/Molinia: no rock, no trees	Undiff. bracken: no rock, no trees
1045	140	172	Undiff. Nardus/Molinia: no rock, no trees	Undiff. bracken: rock, no trees
436	140	180	Undiff. Nardus/Molinia: no rock, no trees	Blanket bog/peat. veg.: erosion, no trees
414	140	182	Undiff. Nardus/Molinia: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
826	140	186	Undiff. Nardus/Molinia: no rock, no trees	Blanket bog/peat. veg.: other peat workings
1110	140	200	Undiff. Nardus/Molinia: no rock, no trees	Wetlands: no drains, no trees
917	140	223	Undiff. Nardus/Molinia: no rock, no trees	Undiff. montane veg.: no rock
1389	141	73	Undiff. Nardus/Molinia: no rock, trees	Coniferous semi-natural (area)
1360	141	82	Undiff. Nardus/Molinia: no rock, trees	Undiff. low scrub
1309	141	83	Undiff. Nardus/Molinia: no rock, trees	Recent ploughing for forestry
1405	141	84	Undiff. Nardus/Molinia: no rock, trees	Recently felled forestry
1306	141	91	Undiff. Nardus/Molinia: no rock, trees	Imp. pasture: no rock, no farms, trees
749	141	111	Undiff. Nardus/Molinia: no rock, trees	Dry heather moor: no rock, no burning, trees
925	141	131	Undiff. Nardus/Molinia: no rock, trees	Undiff. heather moor: no rock, no burning, trees
1383	141	151	Undiff. Nardus/Molinia: no rock, trees	Smooth grass/rushes: no rock, trees
1307	141	161	Undiff. Nardus/Molinia: no rock, trees	Undiff. smooth grass.: no rock, trees
1374	141	171	Undiff. Nardus/Molinia: no rock, trees	Undiff. bracken: no rock, trees
1175	141	180	Undiff. Nardus/Molinia: no rock, trees	Blanket bog/peat. veg.: erosion, no trees
1346	141	182	Undiff. Nardus/Molinia: no rock, trees	Blanket bog/peat. veg.: no erosion, no trees
1397	141	183	Undiff. Nardus/Molinia: no rock, trees	Blanket bog/peat. veg.: no erosion, trees
1243	142	10	Undiff. Nardus/Molinia: rock, no trees	Rock and cliffs (area)
1213	142	76	Undiff. Nardus/Molinia: rock, no trees	Undiff. broadleaved (area)
854	142	82	Undiff. Nardus/Molinia: rock, no trees	Undiff. low scrub
1032	142	90	Undiff. Nardus/Molinia: rock, no trees	Imp. pasture: no rock, no farms, no trees
914	142	94	Undiff. Nardus/Molinia: rock, no trees	Imp. pasture: rock, no farms, no trees
428	142	114	Undiff. Nardus/Molinia: rock, no trees	Dry heather moor: rock, no burning, no trees
1033	142	120	Undiff. Nardus/Molinia: rock, no trees	Wet heather moor: no rock, no burning, no trees

(continued on next page)

Table A.2 Coding key for mosaics ordered by primary component (continued)

mosaic code	component codes		primary feature	secondary feature
	primary	secondary		
1272	142	122	Undiff. Nardus/Molinia: rock, no trees	Wet heather moor: no rock, burning, no trees
517	142	124	Undiff. Nardus/Molinia: rock, no trees	Wet heather moor: rock, no burning, no trees
919	142	130	Undiff. Nardus/Molinia: rock, no trees	Undiff. heather moor: no rock, no burning, no trees
1277	142	132	Undiff. Nardus/Molinia: rock, no trees	Undiff. heather moor: no rock, burning, no trees
494	142	134	Undiff. Nardus/Molinia: rock, no trees	Undiff. heather moor: rock, no burning, no trees
1365	142	135	Undiff. Nardus/Molinia: rock, no trees	Undiff. heather moor: rock, no burning, trees
543	142	150	Undiff. Nardus/Molinia: rock, no trees	Smooth grass/rushes: no rock, no trees
1060	142	152	Undiff. Nardus/Molinia: rock, no trees	Smooth grass/rushes: rock, no trees
504	142	157	Undiff. Nardus/Molinia: rock, no trees	Smooth grass/low scrub: rock, no trees
1126	142	160	Undiff. Nardus/Molinia: rock, no trees	Undiff. smooth grass.: no rock, no trees
1184	142	161	Undiff. Nardus/Molinia: rock, no trees	Undiff. smooth grass.: no rock, trees
503	142	162	Undiff. Nardus/Molinia: rock, no trees	Undiff. smooth grass.: rock, no trees
1450	142	163	Undiff. Nardus/Molinia: rock, no trees	Undiff. smooth grass.: rock, trees
1000	142	170	Undiff. Nardus/Molinia: rock, no trees	Undiff. bracken: no rock, no trees
553	142	172	Undiff. Nardus/Molinia: rock, no trees	Undiff. bracken: rock, no trees
743	142	180	Undiff. Nardus/Molinia: rock, no trees	Blanket bog/peat. veg.: erosion, no trees
429	142	182	Undiff. Nardus/Molinia: rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
455	142	184	Undiff. Nardus/Molinia: rock, no trees	Blanket bog/peat. veg.: dubh lochans
577	142	191	Undiff. Nardus/Molinia: rock, no trees	Maritime grassland: no trees
1034	142	200	Undiff. Nardus/Molinia: rock, no trees	Wetlands: no drains, no trees
1361	142	222	Undiff. Nardus/Molinia: rock, no trees	Undiff. montane veg.: rock
943	143	10	Undiff. Nardus/Molinia: rock, trees	Rock and cliffs (area)
941	143	76	Undiff. Nardus/Molinia: rock, trees	Undiff. broadleaved (area)
1359	143	135	Undiff. Nardus/Molinia: rock, trees	Undiff. heather moor: rock, no burning, trees
1375	143	153	Undiff. Nardus/Molinia: rock, trees	Smooth grass/rushes: rock, trees
757	143	163	Undiff. Nardus/Molinia: rock, trees	Undiff. smooth grass.: rock, trees
984	143	170	Undiff. Nardus/Molinia: rock, trees	Undiff. bracken: no rock, no trees
1453	143	173	Undiff. Nardus/Molinia: rock, trees	Undiff. bracken: rock, trees
435	143	182	Undiff. Nardus/Molinia: rock, trees	Blanket bog/peat. veg.: no erosion, no trees
386	150	82	Smooth grass/rushes: no rock, no trees	Undiff. low scrub
849	150	85	Smooth grass/rushes: no rock, no trees	Open canopy (young plantation)
1293	150	86	Smooth grass/rushes: no rock, no trees	Rhododendron scrub
399	150	90	Smooth grass/rushes: no rock, no trees	Imp. pasture: no rock, no farms, no trees
572	150	94	Smooth grass/rushes: no rock, no trees	Imp. pasture: rock, no farms, no trees
523	150	110	Smooth grass/rushes: no rock, no trees	Dry heather moor: no rock, no burning, no trees
1103	150	112	Smooth grass/rushes: no rock, no trees	Dry heather moor: no rock, burning, no trees
351	150	120	Smooth grass/rushes: no rock, no trees	Wet heather moor: no rock, no burning, no trees
1104	150	122	Smooth grass/rushes: no rock, no trees	Wet heather moor: no rock, burning, no trees
701	150	124	Smooth grass/rushes: no rock, no trees	Wet heather moor: rock, no burning, no trees
406	150	130	Smooth grass/rushes: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
974	150	132	Smooth grass/rushes: no rock, no trees	Undiff. heather moor: no rock, burning, no trees
738	150	134	Smooth grass/rushes: no rock, no trees	Undiff. heather moor: rock, no burning, no trees
402	150	140	Smooth grass/rushes: no rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
545	150	142	Smooth grass/rushes: no rock, no trees	Undiff. Nardus/Molinia: rock, no trees
1370	150	151	Smooth grass/rushes: no rock, no trees	Smooth grass/rushes: no rock, trees
395	150	155	Smooth grass/rushes: no rock, no trees	Smooth grass/low scrub: no rock, no trees
709	150	156	Smooth grass/rushes: no rock, no trees	Smooth grass/low scrub: no rock, trees
1070	150	157	Smooth grass/rushes: no rock, no trees	Smooth grass/low scrub: rock, no trees
426	150	160	Smooth grass/rushes: no rock, no trees	Undiff. smooth grass.: no rock, no trees
1132	150	161	Smooth grass/rushes: no rock, no trees	Undiff. smooth grass.: no rock, trees

(continued on next page)

Table A.2 Coding key for mosaics ordered by primary component (continued).

mosaic code	component codes		primary feature	secondary feature
	primary	secondary		
855	150	162	Smooth grass/rushes: no rock, no trees	Undiff. smooth grass.: rock, no trees
586	150	170	Smooth grass/rushes: no rock, no trees	Undiff. bracken: no rock, no trees
589	150	172	Smooth grass/rushes: no rock, no trees	Undiff. bracken: rock, no trees
992	150	180	Smooth grass/rushes: no rock, no trees	Blanket bog/peat. veg.: erosion, no trees
524	150	182	Smooth grass/rushes: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
732	150	183	Smooth grass/rushes: no rock, no trees	Blanket bog/peat. veg.: no erosion, trees
1241	150	186	Smooth grass/rushes: no rock, no trees	Blanket bog/peat. veg.: other peat workings
350	150	190	Smooth grass/rushes: no rock, no trees	Undiff. salt marsh: no trees
697	150	200	Smooth grass/rushes: no rock, no trees	Wetlands: no drains, no trees
819	150	201	Smooth grass/rushes: no rock, no trees	Wetlands: drains, no trees
825	151	82	Smooth grass/rushes: no rock, trees	Undiff. low scrub
1378	151	90	Smooth grass/rushes: no rock, trees	Imp. pasture: no rock, no farms, no trees
1376	151	91	Smooth grass/rushes: no rock, trees	Imp. pasture: no rock, no farms, trees
851	151	93	Smooth grass/rushes: no rock, trees	Imp. pasture: no rock, farms, trees
1228	151	106	Smooth grass/rushes: no rock, trees	Arable: rock, farms, no trees
876	151	111	Smooth grass/rushes: no rock, trees	Dry heather moor: no rock, no burning, trees
1120	151	121	Smooth grass/rushes: no rock, trees	Wet heather moor: no rock, no burning, trees
1027	151	131	Smooth grass/rushes: no rock, trees	Undiff. heather moor: no rock, no burning, trees
1435	151	141	Smooth grass/rushes: no rock, trees	Undiff. Nardus/Molinia: no rock, trees
1020	151	150	Smooth grass/rushes: no rock, trees	Smooth grass/rushes: no rock, no trees
1355	151	155	Smooth grass/rushes: no rock, trees	Smooth grass/low scrub: no rock, no trees
413	151	156	Smooth grass/rushes: no rock, trees	Smooth grass/low scrub: no rock, trees
1249	151	158	Smooth grass/rushes: no rock, trees	Smooth grass/low scrub: rock, trees
1100	151	161	Smooth grass/rushes: no rock, trees	Undiff. smooth grass.: no rock, trees
1366	151	171	Smooth grass/rushes: no rock, trees	Undiff. bracken: no rock, trees
805	151	181	Smooth grass/rushes: no rock, trees	Blanket bog/peat. veg.: erosion, trees
1137	151	183	Smooth grass/rushes: no rock, trees	Blanket bog/peat. veg.: no erosion, trees
1077	151	202	Smooth grass/rushes: no rock, trees	Wetlands: no drains, trees
1143	152	82	Smooth grass/rushes: rock, no trees	Undiff. low scrub
1206	152	90	Smooth grass/rushes: rock, no trees	Imp. pasture: no rock, no farms, no trees
606	152	94	Smooth grass/rushes: rock, no trees	Imp. pasture: rock, no farms, no trees
1066	152	130	Smooth grass/rushes: rock, no trees	Undiff. heather moor: no rock, no burning, no trees
721	152	134	Smooth grass/rushes: rock, no trees	Undiff. heather moor: rock, no burning, no trees
842	152	142	Smooth grass/rushes: rock, no trees	Undiff. Nardus/Molinia: rock, no trees
1245	152	156	Smooth grass/rushes: rock, no trees	Smooth grass/low scrub: no rock, trees
1202	152	157	Smooth grass/rushes: rock, no trees	Smooth grass/low scrub: rock, no trees
1349	152	158	Smooth grass/rushes: rock, no trees	Smooth grass/low scrub: rock, trees
803	152	162	Smooth grass/rushes: rock, no trees	Undiff. smooth grass.: rock, no trees
787	152	172	Smooth grass/rushes: rock, no trees	Undiff. bracken: rock, no trees
1297	152	173	Smooth grass/rushes: rock, no trees	Undiff. bracken: rock, trees
885	152	180	Smooth grass/rushes: rock, no trees	Blanket bog/peat. veg.: erosion, no trees
716	152	182	Smooth grass/rushes: rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
1210	152	186	Smooth grass/rushes: rock, no trees	Blanket bog/peat. veg.: other peat workings
1203	152	200	Smooth grass/rushes: rock, no trees	Wetlands: no drains, no trees
790	153	134	Smooth grass/rushes: rock, trees	Undiff. heather moor: rock, no burning, no trees
1231	153	135	Smooth grass/rushes: rock, trees	Undiff. heather moor: rock, no burning, trees
1237	153	158	Smooth grass/rushes: rock, trees	Smooth grass/low scrub: rock, trees
1169	153	170	Smooth grass/rushes: rock, trees	Undiff. bracken: no rock, no trees
880	153	173	Smooth grass/rushes: rock, trees	Undiff. bracken: rock, trees
1218	153	183	Smooth grass/rushes: rock, trees	Blanket bog/peat. veg.: no erosion, trees

(continued on next page)

Table A.2 Coding key for mosaics ordered by primary component (continued)

mosaic code	component codes		primary feature	secondary feature
	primary	secondary		
1252	155	70	Smooth grass/low scrub: no rock, no trees	Coniferous plantation (area)
1121	155	82	Smooth grass/low scrub: no rock, no trees	Undiff. low scrub
507	155	90	Smooth grass/low scrub: no rock, no trees	Imp. pasture: no rock, no farms, no trees
489	155	110	Smooth grass/low scrub: no rock, no trees	Dry heather moor: no rock, no burning, no trees
798	155	130	Smooth grass/low scrub: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
1049	155	140	Smooth grass/low scrub: no rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
387	155	150	Smooth grass/low scrub: no rock, no trees	Smooth grass/rushes: no rock, no trees
664	155	156	Smooth grass/low scrub: no rock, no trees	Smooth grass/low scrub: no rock, trees
464	155	160	Smooth grass/low scrub: no rock, no trees	Undiff. smooth grass.: no rock, no trees
1276	155	162	Smooth grass/low scrub: no rock, no trees	Undiff. smooth grass.: rock, no trees
440	155	170	Smooth grass/low scrub: no rock, no trees	Undiff. bracken: no rock, no trees
1493	155	171	Smooth grass/low scrub: no rock, no trees	Undiff. bracken: no rock, trees
1048	155	182	Smooth grass/low scrub: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
379	155	200	Smooth grass/low scrub: no rock, no trees	Wetlands: no drains, no trees
1275	155	212	Smooth grass/low scrub: no rock, no trees	Links area: grass
712	156	76	Smooth grass/low scrub: no rock, trees	Undiff. broadleaved (area)
1436	156	86	Smooth grass/low scrub: no rock, trees	Rhododendron scrub
710	156	90	Smooth grass/low scrub: no rock, trees	Imp. pasture: no rock, no farms, no trees
722	156	110	Smooth grass/low scrub: no rock, trees	Dry heather moor: no rock, no burning, no trees
1026	156	111	Smooth grass/low scrub: no rock, trees	Dry heather moor: no rock, no burning, trees
404	156	131	Smooth grass/low scrub: no rock, trees	Undiff. heather moor: no rock, no burning, trees
1439	156	140	Smooth grass/low scrub: no rock, trees	Undiff. Nardus/Molinia: no rock, no trees
1162	156	141	Smooth grass/low scrub: no rock, trees	Undiff. Nardus/Molinia: no rock, trees
590	156	150	Smooth grass/low scrub: no rock, trees	Smooth grass/rushes: no rock, no trees
801	156	151	Smooth grass/low scrub: no rock, trees	Smooth grass/rushes: no rock, trees
1082	156	157	Smooth grass/low scrub: no rock, trees	Smooth grass/low scrub: rock, no trees
1115	156	161	Smooth grass/low scrub: no rock, trees	Undiff. smooth grass.: no rock, trees
441	156	170	Smooth grass/low scrub: no rock, trees	Undiff. bracken: no rock, no trees
533	156	171	Smooth grass/low scrub: no rock, trees	Undiff. bracken: no rock, trees
1273	156	182	Smooth grass/low scrub: no rock, trees	Blanket bog/peat. veg.: no erosion, no trees
1499	156	200	Smooth grass/low scrub: no rock, trees	Wetlands: no drains, no trees
1491	156	202	Smooth grass/low scrub: no rock, trees	Wetlands: no drains, trees
1489	156	222	Smooth grass/low scrub: no rock, trees	Undiff. montane veg.: rock
612	157	10	Smooth grass/low scrub: rock, no trees	Rock and cliffs (area)
864	157	72	Smooth grass/low scrub: rock, no trees	Coniferous plantation (point)
863	157	82	Smooth grass/low scrub: rock, no trees	Undiff. low scrub
804	157	90	Smooth grass/low scrub: rock, no trees	Imp. pasture: no rock, no farms, no trees
514	157	94	Smooth grass/low scrub: rock, no trees	Imp. pasture: rock, no farms, no trees
964	157	114	Smooth grass/low scrub: rock, no trees	Dry heather moor: rock, no burning, no trees
1163	157	115	Smooth grass/low scrub: rock, no trees	Dry heather moor: rock, no burning, trees
383	157	130	Smooth grass/low scrub: rock, no trees	Undiff. heather moor: no rock, no burning, no trees
1204	157	134	Smooth grass/low scrub: rock, no trees	Undiff. heather moor: rock, no burning, no trees
1046	157	140	Smooth grass/low scrub: rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
502	157	142	Smooth grass/low scrub: rock, no trees	Undiff. Nardus/Molinia: rock, no trees
554	157	150	Smooth grass/low scrub: rock, no trees	Smooth grass/rushes: no rock, no trees
1219	157	152	Smooth grass/low scrub: rock, no trees	Smooth grass/rushes: rock, no trees
1296	157	170	Smooth grass/low scrub: rock, no trees	Undiff. bracken: no rock, no trees
505	157	172	Smooth grass/low scrub: rock, no trees	Undiff. bracken: rock, no trees
501	157	173	Smooth grass/low scrub: rock, no trees	Undiff. bracken: rock, trees
691	157	182	Smooth grass/low scrub: rock, no trees	Blanket bog/peat. veg.: no erosion, no trees

(continued on next page)

Table A.2 Coding key for mosaics ordered by primary component (continued).

mosaic code	component codes		primary feature	secondary feature
	primary	secondary		
937	157	183	Smooth grass/low scrub: rock, no trees	Blanket bog/peat. veg.: no erosion, trees
1295	157	184	Smooth grass/low scrub: rock, no trees	Blanket bog/peat. veg.: dubh lochans
617	157	200	Smooth grass/low scrub: rock, no trees	Wetlands: no drains, no trees
555	158	94	Smooth grass/low scrub: rock, trees	Imp. pasture: rock, no farms, no trees
1199	158	134	Smooth grass/low scrub: rock, trees	Undiff. heather moor: rock, no burning, no trees
1255	158	135	Smooth grass/low scrub: rock, trees	Undiff. heather moor: rock, no burning, trees
965	158	151	Smooth grass/low scrub: rock, trees	Smooth grass/rushes: no rock, trees
1212	158	152	Smooth grass/low scrub: rock, trees	Smooth grass/rushes: rock, no trees
1455	158	163	Smooth grass/low scrub: rock, trees	Undiff. smooth grass.: rock, trees
1226	158	172	Smooth grass/low scrub: rock, trees	Undiff. bracken: rock, no trees
683	158	173	Smooth grass/low scrub: rock, trees	Undiff. bracken: rock, trees
1250	158	182	Smooth grass/low scrub: rock, trees	Blanket bog/peat. veg.: no erosion, no trees
1278	160	10	Undiff. smooth grass.: no rock, no trees	Rock and cliffs (area)
1207	160	12	Undiff. smooth grass.: no rock, no trees	Quarries and opencast (area)
662	160	70	Undiff. smooth grass.: no rock, no trees	Coniferous plantation (area)
1095	160	76	Undiff. smooth grass.: no rock, no trees	Undiff. broadleaved (area)
761	160	82	Undiff. smooth grass.: no rock, no trees	Undiff. low scrub
763	160	83	Undiff. smooth grass.: no rock, no trees	Recent ploughing for forestry
410	160	90	Undiff. smooth grass.: no rock, no trees	Imp. pasture: no rock, no farms, no trees
479	160	92	Undiff. smooth grass.: no rock, no trees	Imp. pasture: no rock, farms, no trees
631	160	110	Undiff. smooth grass.: no rock, no trees	Dry heather moor: no rock, no burning, no trees
729	160	112	Undiff. smooth grass.: no rock, no trees	Dry heather moor: no rock, burning, no trees
369	160	120	Undiff. smooth grass.: no rock, no trees	Wet heather moor: no rock, no burning, no trees
400	160	130	Undiff. smooth grass.: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
1058	160	132	Undiff. smooth grass.: no rock, no trees	Undiff. heather moor: no rock, burning, no trees
1289	160	135	Undiff. smooth grass.: no rock, no trees	Undiff. heather moor: rock, no burning, trees
421	160	140	Undiff. smooth grass.: no rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
1308	160	142	Undiff. smooth grass.: no rock, no trees	Undiff. Nardus/Molinia: rock, no trees
356	160	150	Undiff. smooth grass.: no rock, no trees	Smooth grass/rushes: no rock, no trees
493	160	155	Undiff. smooth grass.: no rock, no trees	Smooth grass/low scrub: no rock, no trees
1134	160	156	Undiff. smooth grass.: no rock, no trees	Smooth grass/low scrub: no rock, trees
1399	160	157	Undiff. smooth grass.: no rock, no trees	Smooth grass/low scrub: rock, no trees
415	160	170	Undiff. smooth grass.: no rock, no trees	Undiff. bracken: no rock, no trees
461	160	171	Undiff. smooth grass.: no rock, no trees	Undiff. bracken: no rock, trees
433	160	172	Undiff. smooth grass.: no rock, no trees	Undiff. bracken: rock, no trees
953	160	180	Undiff. smooth grass.: no rock, no trees	Blanket bog/peat. veg.: erosion, no trees
528	160	182	Undiff. smooth grass.: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
758	160	183	Undiff. smooth grass.: no rock, no trees	Blanket bog/peat. veg.: no erosion, trees
976	160	191	Undiff. smooth grass.: no rock, no trees	Maritime grassland: no trees
969	160	200	Undiff. smooth grass.: no rock, no trees	Wetlands: no drains, no trees
702	160	211	Undiff. smooth grass.: no rock, no trees	Partially stabilized dunes
832	160	212	Undiff. smooth grass.: no rock, no trees	Links area: grass
1371	160	223	Undiff. smooth grass.: no rock, no trees	Undiff. montane veg.: no rock
1304	161	76	Undiff. smooth grass.: no rock, trees	Undiff. broadleaved (area)
405	161	90	Undiff. smooth grass.: no rock, trees	Imp. pasture: no rock, no farms, no trees
1138	161	91	Undiff. smooth grass.: no rock, trees	Imp. pasture: no rock, no farms, trees
1147	161	94	Undiff. smooth grass.: no rock, trees	Imp. pasture: rock, no farms, no trees
1096	161	110	Undiff. smooth grass.: no rock, trees	Dry heather moor: no rock, no burning, no trees
432	161	111	Undiff. smooth grass.: no rock, trees	Dry heather moor: no rock, no burning, trees
1173	161	112	Undiff. smooth grass.: no rock, trees	Dry heather moor: no rock, burning, no trees

(continued on next page)

Table A.2 Coding key for mosaics ordered by primary component (continued)

mosaic code	component codes		primary feature	secondary feature
	primary	secondary		
1105	161	113	Undiff. smooth grass.: no rock, trees	Dry heather moor: no rock, burning, trees
1441	161	120	Undiff. smooth grass.: no rock, trees	Wet heather moor: no rock, no burning, no trees
1118	161	130	Undiff. smooth grass.: no rock, trees	Undiff. heather moor: no rock, no burning, no trees
411	161	131	Undiff. smooth grass.: no rock, trees	Undiff. heather moor: no rock, no burning, trees
1172	161	133	Undiff. smooth grass.: no rock, trees	Undiff. heather moor: no rock, burning, trees
677	161	140	Undiff. smooth grass.: no rock, trees	Undiff. Nardus/Molinia: no rock, no trees
1047	161	141	Undiff. smooth grass.: no rock, trees	Undiff. Nardus/Molinia: no rock, trees
1185	161	142	Undiff. smooth grass.: no rock, trees	Undiff. Nardus/Molinia: rock, no trees
651	161	150	Undiff. smooth grass.: no rock, trees	Smooth grass/rushes: no rock, no trees
458	161	151	Undiff. smooth grass.: no rock, trees	Smooth grass/rushes: no rock, trees
653	161	156	Undiff. smooth grass.: no rock, trees	Smooth grass/low scrub: no rock, trees
1059	161	160	Undiff. smooth grass.: no rock, trees	Undiff. smooth grass.: no rock, no trees
425	161	170	Undiff. smooth grass.: no rock, trees	Undiff. bracken: no rock, no trees
434	161	171	Undiff. smooth grass.: no rock, trees	Undiff. bracken: no rock, trees
1421	161	182	Undiff. smooth grass.: no rock, trees	Blanket bog/peat. veg.: no erosion, no trees
1318	161	183	Undiff. smooth grass.: no rock, trees	Blanket bog/peat. veg.: no erosion, trees
1484	161	200	Undiff. smooth grass.: no rock, trees	Wetlands: no drains, no trees
661	161	202	Undiff. smooth grass.: no rock, trees	Wetlands: no drains, trees
563	162	10	Undiff. smooth grass.: rock, no trees	Rock and cliffs (area)
1053	162	14	Undiff. smooth grass.: rock, no trees	Bings and refuse tips (area)
1423	162	70	Undiff. smooth grass.: rock, no trees	Coniferous plantation (area)
1071	162	76	Undiff. smooth grass.: rock, no trees	Undiff. broadleaved (area)
862	162	82	Undiff. smooth grass.: rock, no trees	Undiff. low scrub
451	162	90	Undiff. smooth grass.: rock, no trees	Imp. pasture: no rock, no farms, no trees
1144	162	92	Undiff. smooth grass.: rock, no trees	Imp. pasture: no rock, farms, no trees
570	162	94	Undiff. smooth grass.: rock, no trees	Imp. pasture: rock, no farms, no trees
755	162	110	Undiff. smooth grass.: rock, no trees	Dry heather moor: no rock, no burning, no trees
301	162	114	Undiff. smooth grass.: rock, no trees	Dry heather moor: rock, no burning, no trees
1156	162	116	Undiff. smooth grass.: rock, no trees	Dry heather moor: rock, burning, no trees
1136	162	120	Undiff. smooth grass.: rock, no trees	Wet heather moor: no rock, no burning, no trees
332	162	124	Undiff. smooth grass.: rock, no trees	Wet heather moor: rock, no burning, no trees
995	162	130	Undiff. smooth grass.: rock, no trees	Undiff. heather moor: no rock, no burning, no trees
317	162	134	Undiff. smooth grass.: rock, no trees	Undiff. heather moor: rock, no burning, no trees
784	162	135	Undiff. smooth grass.: rock, no trees	Undiff. heather moor: rock, no burning, trees
530	162	140	Undiff. smooth grass.: rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
424	162	142	Undiff. smooth grass.: rock, no trees	Undiff. Nardus/Molinia: rock, no trees
1476	162	143	Undiff. smooth grass.: rock, no trees	Undiff. Nardus/Molinia: rock, trees
450	162	150	Undiff. smooth grass.: rock, no trees	Smooth grass/rushes: no rock, no trees
397	162	152	Undiff. smooth grass.: rock, no trees	Smooth grass/rushes: rock, no trees
492	162	157	Undiff. smooth grass.: rock, no trees	Smooth grass/low scrub: rock, no trees
1256	162	158	Undiff. smooth grass.: rock, no trees	Smooth grass/low scrub: rock, trees
1195	162	160	Undiff. smooth grass.: rock, no trees	Undiff. smooth grass.: no rock, no trees
439	162	170	Undiff. smooth grass.: rock, no trees	Undiff. bracken: no rock, no trees
1382	162	171	Undiff. smooth grass.: rock, no trees	Undiff. bracken: no rock, trees
401	162	172	Undiff. smooth grass.: rock, no trees	Undiff. bracken: rock, no trees
939	162	180	Undiff. smooth grass.: rock, no trees	Blanket bog/peat. veg.: erosion, no trees
571	162	182	Undiff. smooth grass.: rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
540	162	191	Undiff. smooth grass.: rock, no trees	Maritime grassland: no trees
624	162	200	Undiff. smooth grass.: rock, no trees	Wetlands: no drains, no trees
698	162	211	Undiff. smooth grass.: rock, no trees	Partially stabilized dunes

(continued on next page)

Table A.2 Coding key for mosaics ordered by primary component (continued).

mosaic code	component codes		primary feature	secondary feature
	primary	secondary		
720	162	212	Undiff. smooth grass.: rock, no trees	Links area: grass
1373	162	222	Undiff. smooth grass.: rock, no trees	Undiff. montane veg.: rock
1061	163	2	Undiff. smooth grass.: rock, trees	Isolated building, trees
1334	163	70	Undiff. smooth grass.: rock, trees	Coniferous plantation (area)
865	163	82	Undiff. smooth grass.: rock, trees	Undiff. low scrub
1251	163	84	Undiff. smooth grass.: rock, trees	Recently felled forestry
996	163	114	Undiff. smooth grass.: rock, trees	Dry heather moor: rock, no burning, no trees
684	163	115	Undiff. smooth grass.: rock, trees	Dry heather moor: rock, no burning, trees
1287	163	120	Undiff. smooth grass.: rock, trees	Wet heather moor: no rock, no burning, no trees
1179	163	130	Undiff. smooth grass.: rock, trees	Undiff. heather moor: no rock, no burning, no trees
1448	163	131	Undiff. smooth grass.: rock, trees	Undiff. heather moor: no rock, no burning, trees
879	163	134	Undiff. smooth grass.: rock, trees	Undiff. heather moor: rock, no burning, no trees
783	163	135	Undiff. smooth grass.: rock, trees	Undiff. heather moor: rock, no burning, trees
1331	163	142	Undiff. smooth grass.: rock, trees	Undiff. Nardus/Molinia: rock, no trees
831	163	143	Undiff. smooth grass.: rock, trees	Undiff. Nardus/Molinia: rock, trees
759	163	150	Undiff. smooth grass.: rock, trees	Smooth grass/rushes: no rock, no trees
1140	163	151	Undiff. smooth grass.: rock, trees	Smooth grass/rushes: no rock, trees
1064	163	152	Undiff. smooth grass.: rock, trees	Smooth grass/rushes: rock, no trees
465	163	157	Undiff. smooth grass.: rock, trees	Smooth grass/low scrub: rock, no trees
591	163	158	Undiff. smooth grass.: rock, trees	Smooth grass/low scrub: rock, trees
575	163	162	Undiff. smooth grass.: rock, trees	Undiff. smooth grass.: rock, no trees
419	163	170	Undiff. smooth grass.: rock, trees	Undiff. bracken: no rock, no trees
1001	163	171	Undiff. smooth grass.: rock, trees	Undiff. bracken: no rock, trees
835	163	172	Undiff. smooth grass.: rock, trees	Undiff. bracken: rock, no trees
457	163	173	Undiff. smooth grass.: rock, trees	Undiff. bracken: rock, trees
633	163	182	Undiff. smooth grass.: rock, trees	Blanket bog/peat. veg.: no erosion, no trees
1022	163	183	Undiff. smooth grass.: rock, trees	Blanket bog/peat. veg.: no erosion, trees
867	163	202	Undiff. smooth grass.: rock, trees	Wetlands: no drains, trees
861	170	82	Undiff. bracken: no rock, no trees	Undiff. low scrub
1456	170	90	Undiff. bracken: no rock, no trees	Imp. pasture: no rock, no farms, no trees
659	170	110	Undiff. bracken: no rock, no trees	Dry heather moor: no rock, no burning, no trees
708	170	112	Undiff. bracken: no rock, no trees	Dry heather moor: no rock, burning, no trees
365	170	130	Undiff. bracken: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
561	170	140	Undiff. bracken: no rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
558	170	150	Undiff. bracken: no rock, no trees	Smooth grass/rushes: no rock, no trees
645	170	155	Undiff. bracken: no rock, no trees	Smooth grass/low scrub: no rock, no trees
484	170	156	Undiff. bracken: no rock, no trees	Smooth grass/low scrub: no rock, trees
593	170	160	Undiff. bracken: no rock, no trees	Undiff. smooth grass.: no rock, no trees
1367	170	161	Undiff. bracken: no rock, no trees	Undiff. smooth grass.: no rock, trees
1356	170	171	Undiff. bracken: no rock, no trees	Undiff. bracken: no rock, trees
1458	170	180	Undiff. bracken: no rock, no trees	Blanket bog/peat. veg.: erosion, no trees
1363	170	182	Undiff. bracken: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
1485	170	200	Undiff. bracken: no rock, no trees	Wetlands: no drains, no trees
1340	171	82	Undiff. bracken: no rock, trees	Undiff. low scrub
649	171	83	Undiff. bracken: no rock, trees	Recent ploughing for forestry
1024	171	111	Undiff. bracken: no rock, trees	Dry heather moor: no rock, no burning, trees
1500	171	114	Undiff. bracken: no rock, trees	Dry heather moor: rock, no burning, no trees
1280	171	131	Undiff. bracken: no rock, trees	Undiff. heather moor: no rock, no burning, trees
1488	171	136	Undiff. bracken: no rock, trees	Undiff. heather moor: rock, burning, no trees
1368	171	141	Undiff. bracken: no rock, trees	Undiff. Nardus/Molinia: no rock, trees

(continued on next page)

Table A.2 Coding key for mosaics ordered by primary component (continued)

mosaic code	component codes		primary feature	secondary feature
	primary	secondary		
1323	171	150	Undiff. bracken: no rock, trees	Smooth grass/rushes: no rock, no trees
559	171	151	Undiff. bracken: no rock, trees	Smooth grass/rushes: no rock, trees
846	171	155	Undiff. bracken: no rock, trees	Smooth grass/low scrub: no rock, no trees
628	171	156	Undiff. bracken: no rock, trees	Smooth grass/low scrub: no rock, trees
1028	171	161	Undiff. bracken: no rock, trees	Undiff. smooth grass.: no rock, trees
1486	171	202	Undiff. bracken: no rock, trees	Wetlands: no drains, trees
1338	172	76	Undiff. bracken: rock, no trees	Undiff. broadleaved (area)
584	172	82	Undiff. bracken: rock, no trees	Undiff. low scrub
1238	172	84	Undiff. bracken: rock, no trees	Recently felled forestry
1227	172	90	Undiff. bracken: rock, no trees	Imp. pasture: no rock, no farms, no trees
311	172	114	Undiff. bracken: rock, no trees	Dry heather moor: rock, no burning, no trees
1145	172	115	Undiff. bracken: rock, no trees	Dry heather moor: rock, no burning, trees
1468	172	124	Undiff. bracken: rock, no trees	Wet heather moor: rock, no burning, no trees
367	172	134	Undiff. bracken: rock, no trees	Undiff. heather moor: rock, no burning, no trees
838	172	140	Undiff. bracken: rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
560	172	142	Undiff. bracken: rock, no trees	Undiff. Nardus/Molinia: rock, no trees
1253	172	150	Undiff. bracken: rock, no trees	Smooth grass/rushes: no rock, no trees
1216	172	152	Undiff. bracken: rock, no trees	Smooth grass/rushes: rock, no trees
1351	172	155	Undiff. bracken: rock, no trees	Smooth grass/low scrub: no rock, no trees
585	172	157	Undiff. bracken: rock, no trees	Smooth grass/low scrub: rock, no trees
1395	172	158	Undiff. bracken: rock, no trees	Smooth grass/low scrub: rock, trees
557	172	162	Undiff. bracken: rock, no trees	Undiff. smooth grass.: rock, no trees
1021	172	182	Undiff. bracken: rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
1246	172	186	Undiff. bracken: rock, no trees	Blanket bog/peat. veg.: other peat workings
1239	172	200	Undiff. bracken: rock, no trees	Wetlands: no drains, no trees
839	173	82	Undiff. bracken: rock, trees	Undiff. low scrub
1480	173	114	Undiff. bracken: rock, trees	Dry heather moor: rock, no burning, no trees
1369	173	115	Undiff. bracken: rock, trees	Dry heather moor: rock, no burning, trees
1315	173	134	Undiff. bracken: rock, trees	Undiff. heather moor: rock, no burning, no trees
947	173	135	Undiff. bracken: rock, trees	Undiff. heather moor: rock, no burning, trees
837	173	142	Undiff. bracken: rock, trees	Undiff. Nardus/Molinia: rock, no trees
742	173	143	Undiff. bracken: rock, trees	Undiff. Nardus/Molinia: rock, trees
1298	173	152	Undiff. bracken: rock, trees	Smooth grass/rushes: rock, no trees
1353	173	156	Undiff. bracken: rock, trees	Smooth grass/low scrub: no rock, trees
869	173	158	Undiff. bracken: rock, trees	Smooth grass/low scrub: rock, trees
588	173	163	Undiff. bracken: rock, trees	Undiff. smooth grass.: rock, trees
622	173	182	Undiff. bracken: rock, trees	Blanket bog/peat. veg.: no erosion, no trees
621	173	183	Undiff. bracken: rock, trees	Blanket bog/peat. veg.: no erosion, trees
626	180	10	Blanket bog/peat. veg.: erosion, no trees	Rock and cliffs (area)
1055	180	19	Blanket bog/peat. veg.: erosion, no trees	Water (point)
1159	180	28	Blanket bog/peat. veg.: erosion, no trees	Ski tows
1168	180	82	Blanket bog/peat. veg.: erosion, no trees	Undiff. low scrub
728	180	110	Blanket bog/peat. veg.: erosion, no trees	Dry heather moor: no rock, no burning, no trees
730	180	112	Blanket bog/peat. veg.: erosion, no trees	Dry heather moor: no rock, burning, no trees
997	180	114	Blanket bog/peat. veg.: erosion, no trees	Dry heather moor: rock, no burning, no trees
565	180	120	Blanket bog/peat. veg.: erosion, no trees	Wet heather moor: no rock, no burning, no trees
343	180	124	Blanket bog/peat. veg.: erosion, no trees	Wet heather moor: rock, no burning, no trees
736	180	130	Blanket bog/peat. veg.: erosion, no trees	Undiff. heather moor: no rock, no burning, no trees
848	180	132	Blanket bog/peat. veg.: erosion, no trees	Undiff. heather moor: no rock, burning, no trees
634	180	134	Blanket bog/peat. veg.: erosion, no trees	Undiff. heather moor: rock, no burning, no trees

(continued on next page)

Table A.2 Coding key for mosaics ordered by primary component (continued).

mosaic code	component codes		primary feature	secondary feature
	primary	secondary		
474	180	140	Blanket bog/peat. veg.: erosion, no trees	Undiff. Nardus/Molinia: no rock, no trees
447	180	142	Blanket bog/peat. veg.: erosion, no trees	Undiff. Nardus/Molinia: rock, no trees
938	180	150	Blanket bog/peat. veg.: erosion, no trees	Smooth grass/rushes: no rock, no trees
1247	180	152	Blanket bog/peat. veg.: erosion, no trees	Smooth grass/rushes: rock, no trees
1401	180	155	Blanket bog/peat. veg.: erosion, no trees	Smooth grass/low scrub: no rock, no trees
1442	180	160	Blanket bog/peat. veg.: erosion, no trees	Undiff. smooth grass.: no rock, no trees
1244	180	162	Blanket bog/peat. veg.: erosion, no trees	Undiff. smooth grass.: rock, no trees
1379	180	170	Blanket bog/peat. veg.: erosion, no trees	Undiff. bracken: no rock, no trees
689	180	182	Blanket bog/peat. veg.: erosion, no trees	Blanket bog/peat. veg.: no erosion, no trees
666	180	184	Blanket bog/peat. veg.: erosion, no trees	Blanket bog/peat. veg.: dubh lochans
690	180	186	Blanket bog/peat. veg.: erosion, no trees	Blanket bog/peat. veg.: other peat workings
1385	180	200	Blanket bog/peat. veg.: erosion, no trees	Wetlands: no drains, no trees
599	180	222	Blanket bog/peat. veg.: erosion, no trees	Undiff. montane veg.: rock
602	180	223	Blanket bog/peat. veg.: erosion, no trees	Undiff. montane veg.: no rock
544	182	10	Blanket bog/peat. veg.: no erosion, no trees	Rock and cliffs (area)
1329	182	70	Blanket bog/peat. veg.: no erosion, no trees	Coniferous plantation (area)
1052	182	75	Blanket bog/peat. veg.: no erosion, no trees	Coniferous semi-natural (point)
884	182	76	Blanket bog/peat. veg.: no erosion, no trees	Undiff. broadleaved (area)
1404	182	82	Blanket bog/peat. veg.: no erosion, no trees	Undiff. low scrub
1285	182	83	Blanket bog/peat. veg.: no erosion, no trees	Recent ploughing for forestry
688	182	90	Blanket bog/peat. veg.: no erosion, no trees	Imp. pasture: no rock, no farms, no trees
345	182	94	Blanket bog/peat. veg.: no erosion, no trees	Imp. pasture: rock, no farms, no trees
975	182	110	Blanket bog/peat. veg.: no erosion, no trees	Dry heather moor: no rock, no burning, no trees
1097	182	112	Blanket bog/peat. veg.: no erosion, no trees	Dry heather moor: no rock, burning, no trees
1474	182	114	Blanket bog/peat. veg.: no erosion, no trees	Dry heather moor: rock, no burning, no trees
358	182	120	Blanket bog/peat. veg.: no erosion, no trees	Wet heather moor: no rock, no burning, no trees
1461	182	122	Blanket bog/peat. veg.: no erosion, no trees	Wet heather moor: no rock, burning, no trees
313	182	124	Blanket bog/peat. veg.: no erosion, no trees	Wet heather moor: rock, no burning, no trees
382	182	130	Blanket bog/peat. veg.: no erosion, no trees	Undiff. heather moor: no rock, no burning, no trees
1403	182	131	Blanket bog/peat. veg.: no erosion, no trees	Undiff. heather moor: no rock, no burning, trees
525	182	132	Blanket bog/peat. veg.: no erosion, no trees	Undiff. heather moor: no rock, burning, no trees
384	182	134	Blanket bog/peat. veg.: no erosion, no trees	Undiff. heather moor: rock, no burning, no trees
449	182	140	Blanket bog/peat. veg.: no erosion, no trees	Undiff. Nardus/Molinia: no rock, no trees
497	182	142	Blanket bog/peat. veg.: no erosion, no trees	Undiff. Nardus/Molinia: rock, no trees
355	182	150	Blanket bog/peat. veg.: no erosion, no trees	Smooth grass/rushes: no rock, no trees
725	182	152	Blanket bog/peat. veg.: no erosion, no trees	Smooth grass/rushes: rock, no trees
619	182	157	Blanket bog/peat. veg.: no erosion, no trees	Smooth grass/low scrub: rock, no trees
727	182	160	Blanket bog/peat. veg.: no erosion, no trees	Undiff. smooth grass.: no rock, no trees
786	182	161	Blanket bog/peat. veg.: no erosion, no trees	Undiff. smooth grass.: no rock, trees
495	182	162	Blanket bog/peat. veg.: no erosion, no trees	Undiff. smooth grass.: rock, no trees
882	182	163	Blanket bog/peat. veg.: no erosion, no trees	Undiff. smooth grass.: rock, trees
1065	182	170	Blanket bog/peat. veg.: no erosion, no trees	Undiff. bracken: no rock, no trees
1050	182	172	Blanket bog/peat. veg.: no erosion, no trees	Undiff. bracken: rock, no trees
623	182	173	Blanket bog/peat. veg.: no erosion, no trees	Undiff. bracken: rock, trees
596	182	180	Blanket bog/peat. veg.: no erosion, no trees	Blanket bog/peat. veg.: erosion, no trees
539	182	184	Blanket bog/peat. veg.: no erosion, no trees	Blanket bog/peat. veg.: dubh lochans
309	182	186	Blanket bog/peat. veg.: no erosion, no trees	Blanket bog/peat. veg.: other peat workings
339	182	191	Blanket bog/peat. veg.: no erosion, no trees	Maritime grassland: no trees
889	182	200	Blanket bog/peat. veg.: no erosion, no trees	Wetlands: no drains, no trees
625	182	222	Blanket bog/peat. veg.: no erosion, no trees	Undiff. montane veg.: rock

(continued on next page)

Table A.2 Coding key for mosaics ordered by primary component (continued)

mosaic code	component codes		primary feature	secondary feature
	primary	secondary		
627	182	223	Blanket bog/peat. veg.: no erosion, no trees	Undiff. montane veg.: no rock
675	183	76	Blanket bog/peat. veg.: no erosion, trees	Undiff. broadleaved (area)
1451	183	79	Blanket bog/peat. veg.: no erosion, trees	Undiff. mixed woodland (area)
644	183	131	Blanket bog/peat. veg.: no erosion, trees	Undiff. heather moor: no rock, no burning, trees
1259	183	135	Blanket bog/peat. veg.: no erosion, trees	Undiff. heather moor: rock, no burning, trees
750	183	151	Blanket bog/peat. veg.: no erosion, trees	Smooth grass/rushes: no rock, trees
1130	183	155	Blanket bog/peat. veg.: no erosion, trees	Smooth grass/low scrub: no rock, no trees
966	183	156	Blanket bog/peat. veg.: no erosion, trees	Smooth grass/low scrub: no rock, trees
967	183	160	Blanket bog/peat. veg.: no erosion, trees	Undiff. smooth grass.: no rock, no trees
878	183	161	Blanket bog/peat. veg.: no erosion, trees	Undiff. smooth grass.: no rock, trees
1475	183	163	Blanket bog/peat. veg.: no erosion, trees	Undiff. smooth grass.: rock, trees
829	184	83	Blanket bog/peat. veg.: dubh lochans	Recent ploughing for forestry
669	184	120	Blanket bog/peat. veg.: dubh lochans	Wet heather moor: no rock, no burning, no trees
667	184	124	Blanket bog/peat. veg.: dubh lochans	Wet heather moor: rock, no burning, no trees
888	184	130	Blanket bog/peat. veg.: dubh lochans	Undiff. heather moor: no rock, no burning, no trees
1465	184	140	Blanket bog/peat. veg.: dubh lochans	Undiff. Nardus/Molinia: no rock, no trees
614	184	162	Blanket bog/peat. veg.: dubh lochans	Undiff. smooth grass.: rock, no trees
673	184	180	Blanket bog/peat. veg.: dubh lochans	Blanket bog/peat. veg.: erosion, no trees
692	184	182	Blanket bog/peat. veg.: dubh lochans	Blanket bog/peat. veg.: no erosion, no trees
1160	185	183	Blanket bog/peat. veg.: industrial peat workings	Blanket bog/peat. veg.: no erosion, trees
703	186	10	Blanket bog/peat. veg.: other peat workings	Rock and cliffs (area)
307	186	90	Blanket bog/peat. veg.: other peat workings	Imp. pasture: no rock, no farms, no trees
349	186	94	Blanket bog/peat. veg.: other peat workings	Imp. pasture: rock, no farms, no trees
372	186	120	Blanket bog/peat. veg.: other peat workings	Wet heather moor: no rock, no burning, no trees
344	186	124	Blanket bog/peat. veg.: other peat workings	Wet heather moor: rock, no burning, no trees
380	186	130	Blanket bog/peat. veg.: other peat workings	Undiff. heather moor: no rock, no burning, no trees
687	186	132	Blanket bog/peat. veg.: other peat workings	Undiff. heather moor: no rock, burning, no trees
381	186	134	Blanket bog/peat. veg.: other peat workings	Undiff. heather moor: rock, no burning, no trees
834	186	140	Blanket bog/peat. veg.: other peat workings	Undiff. Nardus/Molinia: no rock, no trees
1069	186	142	Blanket bog/peat. veg.: other peat workings	Undiff. Nardus/Molinia: rock, no trees
373	186	150	Blanket bog/peat. veg.: other peat workings	Smooth grass/rushes: no rock, no trees
639	186	152	Blanket bog/peat. veg.: other peat workings	Smooth grass/rushes: rock, no trees
1075	186	158	Blanket bog/peat. veg.: other peat workings	Smooth grass/low scrub: rock, trees
1208	186	160	Blanket bog/peat. veg.: other peat workings	Undiff. smooth grass.: no rock, no trees
911	186	162	Blanket bog/peat. veg.: other peat workings	Undiff. smooth grass.: rock, no trees
657	186	180	Blanket bog/peat. veg.: other peat workings	Blanket bog/peat. veg.: erosion, no trees
342	186	182	Blanket bog/peat. veg.: other peat workings	Blanket bog/peat. veg.: no erosion, no trees
354	186	191	Blanket bog/peat. veg.: other peat workings	Maritime grassland: no trees
638	190	10	Undiff. salt marsh: no trees	Rock and cliffs (area)
715	190	200	Undiff. salt marsh: no trees	Wetlands: no drains, no trees
647	190	202	Undiff. salt marsh: no trees	Wetlands: no drains, trees
348	190	212	Undiff. salt marsh: no trees	Links area: grass
522	191	10	Maritime grassland: no trees	Rock and cliffs (area)
1447	191	19	Maritime grassland: no trees	Water (point)
508	191	92	Maritime grassland: no trees	Imp. pasture: no rock, farms, no trees
977	191	110	Maritime grassland: no trees	Dry heather moor: no rock, no burning, no trees
496	191	114	Maritime grassland: no trees	Dry heather moor: rock, no burning, no trees
371	191	120	Maritime grassland: no trees	Wet heather moor: no rock, no burning, no trees
582	191	124	Maritime grassland: no trees	Wet heather moor: rock, no burning, no trees
970	191	130	Maritime grassland: no trees	Undiff. heather moor: no rock, no burning, no trees

(continued on next page)

Table A.2 Coding key for mosaics ordered by primary component (continued).

mosaic code	component codes		primary feature	secondary feature
	primary	secondary		
520	191	142	Maritime grassland: no trees	Undiff. Nardus/Molinia: rock, no trees
519	191	150	Maritime grassland: no trees	Smooth grass/rushes: no rock, no trees
1402	191	155	Maritime grassland: no trees	Smooth grass/low scrub: no rock, no trees
303	191	162	Maritime grassland: no trees	Undiff. smooth grass.: rock, no trees
597	191	186	Maritime grassland: no trees	Blanket bog/peat. veg.: other peat workings
330	200	18	Wetlands: no drains, no trees	Water (area)
1501	200	76	Wetlands: no drains, no trees	Undiff. broadleaved (area)
818	200	90	Wetlands: no drains, no trees	Imp. pasture: no rock, no farms, no trees
515	200	94	Wetlands: no drains, no trees	Imp. pasture: rock, no farms, no trees
1209	200	140	Wetlands: no drains, no trees	Undiff. Nardus/Molinia: no rock, no trees
1057	200	142	Wetlands: no drains, no trees	Undiff. Nardus/Molinia: rock, no trees
1205	200	150	Wetlands: no drains, no trees	Smooth grass/rushes: no rock, no trees
1358	200	155	Wetlands: no drains, no trees	Smooth grass/low scrub: no rock, no trees
868	200	160	Wetlands: no drains, no trees	Undiff. smooth grass.: no rock, no trees
1494	200	170	Wetlands: no drains, no trees	Undiff. bracken: no rock, no trees
1433	200	180	Wetlands: no drains, no trees	Blanket bog/peat. veg.: erosion, no trees
1300	200	182	Wetlands: no drains, no trees	Blanket bog/peat. veg.: no erosion, no trees
388	201	18	Wetlands: drains, no trees	Water (area)
306	201	90	Wetlands: drains, no trees	Imp. pasture: no rock, no farms, no trees
322	201	94	Wetlands: drains, no trees	Imp. pasture: rock, no farms, no trees
321	201	124	Wetlands: drains, no trees	Wet heather moor: rock, no burning, no trees
903	201	150	Wetlands: drains, no trees	Smooth grass/rushes: no rock, no trees
338	201	212	Wetlands: drains, no trees	Links area: grass
1469	202	18	Wetlands: no drains, trees	Water (area)
1354	202	150	Wetlands: no drains, trees	Smooth grass/rushes: no rock, no trees
1377	202	151	Wetlands: no drains, trees	Smooth grass/rushes: no rock, trees
1079	202	156	Wetlands: no drains, trees	Smooth grass/low scrub: no rock, trees
866	202	161	Wetlands: no drains, trees	Undiff. smooth grass.: no rock, trees
398	202	183	Wetlands: no drains, trees	Blanket bog/peat. veg.: no erosion, trees
648	202	190	Wetlands: no drains, trees	Undiff. salt marsh: no trees
1166	210	82	Bare dunes	Undiff. low scrub
723	210	211	Bare dunes	Partially stabilized dunes
347	210	212	Bare dunes	Links area: grass
718	211	10	Partially stabilized dunes	Rock and cliffs (area)
836	211	12	Partially stabilized dunes	Quarries and opencast (area)
748	211	82	Partially stabilized dunes	Undiff. low scrub
1188	211	120	Partially stabilized dunes	Wet heather moor: no rock, no burning, no trees
872	211	155	Partially stabilized dunes	Smooth grass/low scrub: no rock, no trees
1221	211	162	Partially stabilized dunes	Undiff. smooth grass.: rock, no trees
1153	211	190	Partially stabilized dunes	Undiff. salt marsh: no trees
871	211	200	Partially stabilized dunes	Wetlands: no drains, no trees
319	211	210	Partially stabilized dunes	Bare dunes
1200	211	212	Partially stabilized dunes	Links area: grass
1236	211	213	Partially stabilized dunes	Links area: heath
333	212	10	Links area: grass	Rock and cliffs (area)
1080	212	20	Links area: grass	Built-up (area)
1413	212	70	Links area: grass	Coniferous plantation (area)
498	212	82	Links area: grass	Undiff. low scrub
357	212	90	Links area: grass	Imp. pasture: no rock, no farms, no trees
822	212	94	Links area: grass	Imp. pasture: rock, no farms, no trees

(continued on next page)

Table A.2 Coding key for mosaics ordered by primary component (continued)

mosaic code	component codes		primary feature	secondary feature
	primary	secondary		
325	212	100	Links area: grass	Arable: no rock, no farms, no trees
1151	212	150	Links area: grass	Smooth grass/rushes: no rock, no trees
1176	212	155	Links area: grass	Smooth grass/low scrub: no rock, no trees
747	212	156	Links area: grass	Smooth grass/low scrub: no rock, trees
797	212	160	Links area: grass	Undiff. smooth grass.: no rock, no trees
717	212	162	Links area: grass	Undiff. smooth grass.: rock, no trees
336	212	182	Links area: grass	Blanket bog/peat. veg.: no erosion, no trees
1150	212	190	Links area: grass	Undiff. salt marsh: no trees
719	212	200	Links area: grass	Wetlands: no drains, no trees
375	212	201	Links area: grass	Wetlands: drains, no trees
334	212	210	Links area: grass	Bare dunes
827	212	211	Links area: grass	Partially stabilized dunes
506	212	213	Links area: grass	Links area: heath
551	213	82	Links area: heath	Undiff. low scrub
1165	213	210	Links area: heath	Bare dunes
1152	213	212	Links area: heath	Links area: grass
445	220	182	recoded as 182	Blanket bog/peat. veg.: no erosion, no trees
430	220	222	recoded as 182	Undiff. montane veg.: rock
431	220	223	recoded as 182	Undiff. montane veg.: no rock
392	221	222	recoded as 180	Undiff. montane veg.: rock
576	221	223	recoded as 180	Undiff. montane veg.: no rock
985	222	10	Undiff. montane veg.: rock	Rock and cliffs (area)
1427	222	27	Undiff. montane veg.: rock	Snow cover
921	222	110	Undiff. montane veg.: rock	Dry heather moor: no rock, no burning, no trees
896	222	114	Undiff. montane veg.: rock	Dry heather moor: rock, no burning, no trees
891	222	130	Undiff. montane veg.: rock	Undiff. heather moor: no rock, no burning, no trees
873	222	134	Undiff. montane veg.: rock	Undiff. heather moor: rock, no burning, no trees
1414	222	140	Undiff. montane veg.: rock	Undiff. Nardus/Molinia: no rock, no trees
1067	222	142	Undiff. montane veg.: rock	Undiff. Nardus/Molinia: rock, no trees
1232	222	162	Undiff. montane veg.: rock	Undiff. smooth grass.: rock, no trees
1390	222	172	Undiff. montane veg.: rock	Undiff. bracken: rock, no trees
607	222	180	Undiff. montane veg.: rock	Blanket bog/peat. veg.: erosion, no trees
608	222	182	Undiff. montane veg.: rock	Blanket bog/peat. veg.: no erosion, no trees
531	222	184	Undiff. montane veg.: rock	Blanket bog/peat. veg.: dubh lochans
423	222	220	Undiff. montane veg.: rock	recoded as 182
391	222	221	Undiff. montane veg.: rock	recoded as 180
578	222	223	Undiff. montane veg.: rock	Undiff. montane veg.: no rock
780	223	10	Undiff. montane veg.: no rock	Rock and cliffs (area)
893	223	110	Undiff. montane veg.: no rock	Dry heather moor: no rock, no burning, no trees
1023	223	112	Undiff. montane veg.: no rock	Dry heather moor: no rock, burning, no trees
1068	223	114	Undiff. montane veg.: no rock	Dry heather moor: rock, no burning, no trees
890	223	130	Undiff. montane veg.: no rock	Undiff. heather moor: no rock, no burning, no trees
1483	223	132	Undiff. montane veg.: no rock	Undiff. heather moor: no rock, burning, no trees
910	223	140	Undiff. montane veg.: no rock	Undiff. Nardus/Molinia: no rock, no trees
1386	223	160	Undiff. montane veg.: no rock	Undiff. smooth grass.: no rock, no trees
603	223	180	Undiff. montane veg.: no rock	Blanket bog/peat. veg.: erosion, no trees
620	223	182	Undiff. montane veg.: no rock	Blanket bog/peat. veg.: no erosion, no trees
1398	223	183	Undiff. montane veg.: no rock	Blanket bog/peat. veg.: no erosion, trees
422	223	220	Undiff. montane veg.: no rock	recoded as 182
529	223	221	Undiff. montane veg.: no rock	recoded as 180

Table A.3 Coding key for mosaics ordered by feature code

mosaic code	component codes		primary feature	secondary feature
	primary	secondary		
301	162	114	Undiff. smooth grass.: rock, no trees	Dry heather moor: rock, no burning, no trees
302	124	191	Wet heather moor: rock, no burning, no trees	Maritime grassland: no trees
303	191	162	Maritime grassland: no trees	Undiff. smooth grass.: rock, no trees
304	124	10	Wet heather moor: rock, no burning, no trees	Rock and cliffs (area)
305	100	212	Arable: no rock, no farms, no trees	Links area: grass
306	201	90	Wetlands: drains, no trees	Imp. pasture: no rock, no farms, no trees
307	186	90	Blanket bog/peat. veg.: other peat workings	Imp. pasture: no rock, no farms, no trees
308	90	186	Imp. pasture: no rock, no farms, no trees	Blanket bog/peat. veg.: other peat workings
309	182	186	Blanket bog/peat. veg.: no erosion, no trees	Blanket bog/peat. veg.: other peat workings
310	96	186	Imp. pasture: rock, farms, no trees	Blanket bog/peat. veg.: other peat workings
311	172	114	Undiff. bracken: rock, no trees	Dry heather moor: rock, no burning, no trees
312	124	182	Wet heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
313	182	124	Blanket bog/peat. veg.: no erosion, no trees	Wet heather moor: rock, no burning, no trees
314	94	186	Imp. pasture: rock, no farms, no trees	Blanket bog/peat. veg.: other peat workings
315	124	186	Wet heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: other peat workings
316	114	172	Dry heather moor: rock, no burning, no trees	Undiff. bracken: rock, no trees
317	162	134	Undiff. smooth grass.: rock, no trees	Undiff. heather moor: rock, no burning, no trees
318	94	124	Imp. pasture: rock, no farms, no trees	Wet heather moor: rock, no burning, no trees
319	211	210	Partially stabilized dunes	Bare dunes
320	90	201	Imp. pasture: no rock, no farms, no trees	Wetlands: drains, no trees
321	201	124	Wetlands: drains, no trees	Wet heather moor: rock, no burning, no trees
322	201	94	Wetlands: drains, no trees	Imp. pasture: rock, no farms, no trees
323	94	182	Imp. pasture: rock, no farms, no trees	Blanket bog/peat. veg.: no erosion, no trees
324	90	182	Imp. pasture: no rock, no farms, no trees	Blanket bog/peat. veg.: no erosion, no trees
325	212	100	Links area: grass	Arable: no rock, no farms, no trees
326	114	162	Dry heather moor: rock, no burning, no trees	Undiff. smooth grass.: rock, no trees
327	18	201	Water (area)	Wetlands: drains, no trees
328	90	140	Imp. pasture: no rock, no farms, no trees	Undiff. Nardus/Molinia: no rock, no trees
329	90	124	Imp. pasture: no rock, no farms, no trees	Wet heather moor: rock, no burning, no trees
330	200	18	Wetlands: no drains, no trees	Water (area)
331	10	124	Rock and cliffs (area)	Wet heather moor: rock, no burning, no trees
332	162	124	Undiff. smooth grass.: rock, no trees	Wet heather moor: rock, no burning, no trees
333	212	10	Links area: grass	Rock and cliffs (area)
334	212	210	Links area: grass	Bare dunes
335	102	212	Arable: no rock, farms, no trees	Links area: grass
336	212	182	Links area: grass	Blanket bog/peat. veg.: no erosion, no trees
337	90	190	Imp. pasture: no rock, no farms, no trees	Undiff. salt marsh: no trees
338	201	212	Wetlands: drains, no trees	Links area: grass
339	182	191	Blanket bog/peat. veg.: no erosion, no trees	Maritime grassland: no trees
340	124	180	Wet heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: erosion, no trees
341	92	182	Imp. pasture: no rock, farms, no trees	Blanket bog/peat. veg.: no erosion, no trees
342	186	182	Blanket bog/peat. veg.: other peat workings	Blanket bog/peat. veg.: no erosion, no trees
343	180	124	Blanket bog/peat. veg.: erosion, no trees	Wet heather moor: rock, no burning, no trees
344	186	124	Blanket bog/peat. veg.: other peat workings	Wet heather moor: rock, no burning, no trees
345	182	94	Blanket bog/peat. veg.: no erosion, no trees	Imp. pasture: rock, no farms, no trees
346	132	124	Undiff. heather moor: no rock, burning, no trees	Wet heather moor: rock, no burning, no trees
347	210	212	Bare dunes	Links area: grass
348	190	212	Undiff. salt marsh: no trees	Links area: grass
349	186	94	Blanket bog/peat. veg.: other peat workings	Imp. pasture: rock, no farms, no trees
350	150	190	Smooth grass/rushes: no rock, no trees	Undiff. salt marsh: no trees

continued on next page

Table A.3 Coding key for mosaics ordered by feature code (continued)

mosaic code	component codes		primary feature	secondary feature
	primary	secondary		
351	150	120	Smooth grass/rushes: no rock, no trees	Wet heather moor: no rock, no burning, no trees
352	120	150	Wet heather moor: no rock, no burning, no trees	Smooth grass/rushes: no rock, no trees
353	90	150	Imp. pasture: no rock, no farms, no trees	Smooth grass/rushes: no rock, no trees
354	186	191	Blanket bog/peat. veg.: other peat workings	Maritime grassland: no trees
355	182	150	Blanket bog/peat. veg.: no erosion, no trees	Smooth grass/rushes: no rock, no trees
356	160	150	Undiff. smooth grass.: no rock, no trees	Smooth grass/rushes: no rock, no trees
357	212	90	Links area: grass	Imp. pasture: no rock, no farms, no trees
358	182	120	Blanket bog/peat. veg.: no erosion, no trees	Wet heather moor: no rock, no burning, no trees
359	130	90	Undiff. heather moor: no rock, no burning, no trees	Imp. pasture: no rock, no farms, no trees
360	134	182	Undiff. heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
361	120	182	Wet heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
362	130	170	Undiff. heather moor: no rock, no burning, no trees	Undiff. bracken: no rock, no trees
363	120	186	Wet heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: other peat workings
364	120	160	Wet heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
365	170	130	Undiff. bracken: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
366	134	172	Undiff. heather moor: rock, no burning, no trees	Undiff. bracken: rock, no trees
367	172	134	Undiff. bracken: rock, no trees	Undiff. heather moor: rock, no burning, no trees
368	120	155	Wet heather moor: no rock, no burning, no trees	Smooth grass/low scrub: no rock, no trees
369	160	120	Undiff. smooth grass.: no rock, no trees	Wet heather moor: no rock, no burning, no trees
370	130	186	Undiff. heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: other peat workings
371	191	120	Maritime grassland: no trees	Wet heather moor: no rock, no burning, no trees
372	186	120	Blanket bog/peat. veg.: other peat workings	Wet heather moor: no rock, no burning, no trees
373	186	150	Blanket bog/peat. veg.: other peat workings	Smooth grass/rushes: no rock, no trees
374	130	182	Undiff. heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
375	212	201	Links area: grass	Wetlands: drains, no trees
376	94	82	Imp. pasture: rock, no farms, no trees	Undiff. low scrub
377	95	82	Imp. pasture: rock, no farms, trees	Undiff. low scrub
378	94	70	Imp. pasture: rock, no farms, no trees	Coniferous plantation (area)
379	155	200	Smooth grass/low scrub: no rock, no trees	Wetlands: no drains, no trees
380	186	130	Blanket bog/peat. veg.: other peat workings	Undiff. heather moor: no rock, no burning, no trees
381	186	134	Blanket bog/peat. veg.: other peat workings	Undiff. heather moor: rock, no burning, no trees
382	182	130	Blanket bog/peat. veg.: no erosion, no trees	Undiff. heather moor: no rock, no burning, no trees
383	157	130	Smooth grass/low scrub: rock, no trees	Undiff. heather moor: no rock, no burning, no trees
384	182	134	Blanket bog/peat. veg.: no erosion, no trees	Undiff. heather moor: rock, no burning, no trees
385	130	160	Undiff. heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
386	150	82	Smooth grass/rushes: no rock, no trees	Undiff. low scrub
387	155	150	Smooth grass/low scrub: no rock, no trees	Smooth grass/rushes: no rock, no trees
388	201	18	Wetlands: drains, no trees	Water (area)
389	110	160	Dry heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
390	90	160	Imp. pasture: no rock, no farms, no trees	Undiff. smooth grass.: no rock, no trees
391	222	221	Undiff. montane veg.: rock	recoded as 180
392	221	222	recoded as 180	Undiff. montane veg.: rock
393	84	70	Recently felled forestry	Coniferous plantation (area)
394	93	97	Imp. pasture: no rock, farms, trees	Imp. pasture: rock, farms, trees
395	150	155	Smooth grass/rushes: no rock, no trees	Smooth grass/low scrub: no rock, no trees
396	134	162	Undiff. heather moor: rock, no burning, no trees	Undiff. smooth grass.: rock, no trees
397	162	152	Undiff. smooth grass.: rock, no trees	Smooth grass/rushes: rock, no trees
398	202	183	Wetlands: no drains, trees	Blanket bog/peat. veg.: no erosion, trees
399	150	90	Smooth grass/rushes: no rock, no trees	Imp. pasture: no rock, no farms, no trees
400	160	130	Undiff. smooth grass.: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees

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Table A.3 Coding key for mosaics ordered by feature code (continued)

mosaic code	component codes		primary feature	secondary feature
	primary	secondary		
401	162	172	Undiff. smooth grass.: rock, no trees	Undiff. bracken: rock, no trees
402	150	140	Smooth grass/rushes: no rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
403	91	131	Imp. pasture: no rock, no farms, trees	Undiff. heather moor: no rock, no burning, trees
404	156	131	Smooth grass/low scrub: no rock, trees	Undiff. heather moor: no rock, no burning, trees
405	161	90	Undiff. smooth grass.: no rock, trees	Imp. pasture: no rock, no farms, no trees
406	150	130	Smooth grass/rushes: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
407	132	160	Undiff. heather moor: no rock, burning, no trees	Undiff. smooth grass.: no rock, no trees
408	131	161	Undiff. heather moor: no rock, no burning, trees	Undiff. smooth grass.: no rock, trees
409	90	155	Imp. pasture: no rock, no farms, no trees	Smooth grass/low scrub: no rock, no trees
410	160	90	Undiff. smooth grass.: no rock, no trees	Imp. pasture: no rock, no farms, no trees
411	161	131	Undiff. smooth grass.: no rock, trees	Undiff. heather moor: no rock, no burning, trees
412	131	156	Undiff. heather moor: no rock, no burning, trees	Smooth grass/low scrub: no rock, trees
413	151	156	Smooth grass/rushes: no rock, trees	Smooth grass/low scrub: no rock, trees
414	140	182	Undiff. Nardus/Molinia: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
415	160	170	Undiff. smooth grass.: no rock, no trees	Undiff. bracken: no rock, no trees
416	140	150	Undiff. Nardus/Molinia: no rock, no trees	Smooth grass/rushes: no rock, no trees
417	130	155	Undiff. heather moor: no rock, no burning, no trees	Smooth grass/low scrub: no rock, no trees
418	90	170	Imp. pasture: no rock, no farms, no trees	Undiff. bracken: no rock, no trees
419	163	170	Undiff. smooth grass.: rock, trees	Undiff. bracken: no rock, no trees
420	114	182	Dry heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
421	160	140	Undiff. smooth grass.: no rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
422	223	220	Undiff. montane veg.: no rock	recoded as 182
423	222	220	Undiff. montane veg.: rock	recoded as 182
424	162	142	Undiff. smooth grass.: rock, no trees	Undiff. Nardus/Molinia: rock, no trees
425	161	170	Undiff. smooth grass.: no rock, trees	Undiff. bracken: no rock, no trees
426	150	160	Smooth grass/rushes: no rock, no trees	Undiff. smooth grass.: no rock, no trees
427	91	151	Imp. pasture: no rock, no farms, trees	Smooth grass/rushes: no rock, trees
428	142	114	Undiff. Nardus/Molinia: rock, no trees	Dry heather moor: rock, no burning, no trees
429	142	182	Undiff. Nardus/Molinia: rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
430	220	222	recoded as 182	Undiff. montane veg.: rock
431	220	223	recoded as 182	Undiff. montane veg.: no rock
432	161	111	Undiff. smooth grass.: no rock, trees	Dry heather moor: no rock, no burning, trees
433	160	172	Undiff. smooth grass.: no rock, no trees	Undiff. bracken: rock, no trees
434	161	171	Undiff. smooth grass.: no rock, trees	Undiff. bracken: no rock, trees
435	143	182	Undiff. Nardus/Molinia: rock, trees	Blanket bog/peat. veg.: no erosion, no trees
436	140	180	Undiff. Nardus/Molinia: no rock, no trees	Blanket bog/peat. veg.: erosion, no trees
437	130	150	Undiff. heather moor: no rock, no burning, no trees	Smooth grass/rushes: no rock, no trees
438	132	182	Undiff. heather moor: no rock, burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
439	162	170	Undiff. smooth grass.: rock, no trees	Undiff. bracken: no rock, no trees
440	155	170	Smooth grass/low scrub: no rock, no trees	Undiff. bracken: no rock, no trees
441	156	170	Smooth grass/low scrub: no rock, trees	Undiff. bracken: no rock, no trees
442	130	140	Undiff. heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
443	132	140	Undiff. heather moor: no rock, burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
444	140	160	Undiff. Nardus/Molinia: no rock, no trees	Undiff. smooth grass.: no rock, no trees
445	220	182	recoded as 182	Blanket bog/peat. veg.: no erosion, no trees
446	124	162	Wet heather moor: rock, no burning, no trees	Undiff. smooth grass.: rock, no trees
447	180	142	Blanket bog/peat. veg.: erosion, no trees	Undiff. Nardus/Molinia: rock, no trees
448	134	142	Undiff. heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: rock, no trees
449	182	140	Blanket bog/peat. veg.: no erosion, no trees	Undiff. Nardus/Molinia: no rock, no trees
450	162	150	Undiff. smooth grass.: rock, no trees	Smooth grass/rushes: no rock, no trees

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Table A.3 Coding key for mosaics ordered by feature code (continued)

mosaic code	component codes		primary feature	secondary feature
	primary	secondary		
451	162	90	Undiff. smooth grass.: rock, no trees	Imp. pasture: no rock, no farms, no trees
452	94	150	Imp. pasture: rock, no farms, no trees	Smooth grass/rushes: no rock, no trees
453	90	162	Imp. pasture: no rock, no farms, no trees	Undiff. smooth grass.: rock, no trees
454	85	70	Open canopy (young plantation)	Coniferous plantation (area)
455	142	184	Undiff. Nardus/Molinia: rock, no trees	Blanket bog/peat. veg.: dubh lochans
456	115	163	Dry heather moor: rock, no burning, trees	Undiff. smooth grass.: rock, trees
457	163	173	Undiff. smooth grass.: rock, trees	Undiff. bracken: rock, trees
458	161	151	Undiff. smooth grass.: no rock, trees	Smooth grass/rushes: no rock, trees
459	79	161	Undiff. mixed woodland (area)	Undiff. smooth grass.: no rock, trees
460	110	170	Dry heather moor: no rock, no burning, no trees	Undiff. bracken: no rock, no trees
461	160	171	Undiff. smooth grass.: no rock, no trees	Undiff. bracken: no rock, trees
462	113	123	Dry heather moor: no rock, burning, trees	Wet heather moor: no rock, burning, trees
463	112	122	Dry heather moor: no rock, burning, no trees	Wet heather moor: no rock, burning, no trees
464	155	160	Smooth grass/low scrub: no rock, no trees	Undiff. smooth grass.: no rock, no trees
465	163	157	Undiff. smooth grass.: rock, trees	Smooth grass/low scrub: rock, no trees
466	112	160	Dry heather moor: no rock, burning, no trees	Undiff. smooth grass.: no rock, no trees
467	112	150	Dry heather moor: no rock, burning, no trees	Smooth grass/rushes: no rock, no trees
468	115	161	Dry heather moor: rock, no burning, trees	Undiff. smooth grass.: no rock, trees
469	116	182	Dry heather moor: rock, burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
470	116	162	Dry heather moor: rock, burning, no trees	Undiff. smooth grass.: rock, no trees
471	91	111	Imp. pasture: no rock, no farms, trees	Dry heather moor: no rock, no burning, trees
472	110	82	Dry heather moor: no rock, no burning, no trees	Undiff. low scrub
473	110	155	Dry heather moor: no rock, no burning, no trees	Smooth grass/low scrub: no rock, no trees
474	180	140	Blanket bog/peat. veg.: erosion, no trees	Undiff. Nardus/Molinia: no rock, no trees
475	110	150	Dry heather moor: no rock, no burning, no trees	Smooth grass/rushes: no rock, no trees
476	110	182	Dry heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
477	130	180	Undiff. heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: erosion, no trees
478	134	186	Undiff. heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: other peat workings
479	160	92	Undiff. smooth grass.: no rock, no trees	Imp. pasture: no rock, farms, no trees
480	92	160	Imp. pasture: no rock, farms, no trees	Undiff. smooth grass.: no rock, no trees
481	134	163	Undiff. heather moor: rock, no burning, no trees	Undiff. smooth grass.: rock, trees
482	114	157	Dry heather moor: rock, no burning, no trees	Smooth grass/low scrub: rock, no trees
483	130	221	Undiff. heather moor: no rock, no burning, no trees	recoded as 180
484	170	156	Undiff. bracken: no rock, no trees	Smooth grass/low scrub: no rock, trees
485	140	120	Undiff. Nardus/Molinia: no rock, no trees	Wet heather moor: no rock, no burning, no trees
486	110	140	Dry heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
487	131	151	Undiff. heather moor: no rock, no burning, trees	Smooth grass/rushes: no rock, trees
488	110	180	Dry heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: erosion, no trees
489	155	110	Smooth grass/low scrub: no rock, no trees	Dry heather moor: no rock, no burning, no trees
490	112	82	Dry heather moor: no rock, burning, no trees	Undiff. low scrub
491	111	161	Dry heather moor: no rock, no burning, trees	Undiff. smooth grass.: no rock, trees
492	162	157	Undiff. smooth grass.: rock, no trees	Smooth grass/low scrub: rock, no trees
493	160	155	Undiff. smooth grass.: no rock, no trees	Smooth grass/low scrub: no rock, no trees
494	142	134	Undiff. Nardus/Molinia: rock, no trees	Undiff. heather moor: rock, no burning, no trees
495	182	162	Blanket bog/peat. veg.: no erosion, no trees	Undiff. smooth grass.: rock, no trees
496	191	114	Maritime grassland: no trees	Dry heather moor: rock, no burning, no trees
497	182	142	Blanket bog/peat. veg.: no erosion, no trees	Undiff. Nardus/Molinia: rock, no trees
498	212	82	Links area: grass	Undiff. low scrub
499	94	162	Imp. pasture: rock, no farms, no trees	Undiff. smooth grass.: rock, no trees
500	131	183	Undiff. heather moor: no rock, no burning, trees	Blanket bog/peat. veg.: no erosion, trees

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Table A.3 Coding key for mosaics ordered by feature code (continued)

mosaic code	component codes		primary feature	secondary feature
	primary	secondary		
501	157	173	Smooth grass/low scrub: rock, no trees	Undiff. bracken: rock, trees
502	157	142	Smooth grass/low scrub: rock, no trees	Undiff. Nardus/Molinia: rock, no trees
503	142	162	Undiff. Nardus/Molinia: rock, no trees	Undiff. smooth grass.: rock, no trees
504	142	157	Undiff. Nardus/Molinia: rock, no trees	Smooth grass/low scrub: rock, no trees
505	157	172	Smooth grass/low scrub: rock, no trees	Undiff. bracken: rock, no trees
506	212	213	Links area: grass	Links area: heath
507	155	90	Smooth grass/low scrub: no rock, no trees	Imp. pasture: no rock, no farms, no trees
508	191	92	Maritime grassland: no trees	Imp. pasture: no rock, farms, no trees
509	70	84	Coniferous plantation (area)	Recently felled forestry
510	90	130	Imp. pasture: no rock, no farms, no trees	Undiff. heather moor: no rock, no burning, no trees
511	133	140	Undiff. heather moor: no rock, burning, trees	Undiff. Nardus/Molinia: no rock, no trees
512	121	151	Wet heather moor: no rock, no burning, trees	Smooth grass/rushes: no rock, trees
513	111	171	Dry heather moor: no rock, no burning, trees	Undiff. bracken: no rock, trees
514	157	94	Smooth grass/low scrub: rock, no trees	Imp. pasture: rock, no farms, no trees
515	200	94	Wetlands: no drains, no trees	Imp. pasture: rock, no farms, no trees
516	10	182	Rock and cliffs (area)	Blanket bog/peat. veg.: no erosion, no trees
517	142	124	Undiff. Nardus/Molinia: rock, no trees	Wet heather moor: rock, no burning, no trees
518	92	150	Imp. pasture: no rock, farms, no trees	Smooth grass/rushes: no rock, no trees
519	191	150	Maritime grassland: no trees	Smooth grass/rushes: no rock, no trees
520	191	142	Maritime grassland: no trees	Undiff. Nardus/Molinia: rock, no trees
521	120	140	Wet heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
522	191	10	Maritime grassland: no trees	Rock and cliffs (area)
523	150	110	Smooth grass/rushes: no rock, no trees	Dry heather moor: no rock, no burning, no trees
524	150	182	Smooth grass/rushes: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
525	182	132	Blanket bog/peat. veg.: no erosion, no trees	Undiff. heather moor: no rock, burning, no trees
526	124	140	Wet heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
527	140	124	Undiff. Nardus/Molinia: no rock, no trees	Wet heather moor: rock, no burning, no trees
528	160	182	Undiff. smooth grass.: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
529	223	221	Undiff. montane veg.: no rock	recoded as 180
530	162	140	Undiff. smooth grass.: rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
531	222	184	Undiff. montane veg.: rock	Blanket bog/peat. veg.: dubh lochans
532	112	140	Dry heather moor: no rock, burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
533	156	171	Smooth grass/low scrub: no rock, trees	Undiff. bracken: no rock, trees
534	90	82	Imp. pasture: no rock, no farms, no trees	Undiff. low scrub
535	111	82	Dry heather moor: no rock, no burning, trees	Undiff. low scrub
536	111	182	Dry heather moor: no rock, no burning, trees	Blanket bog/peat. veg.: no erosion, no trees
537	79	82	Undiff. mixed woodland (area)	Undiff. low scrub
538	82	150	Undiff. low scrub	Smooth grass/rushes: no rock, no trees
539	182	184	Blanket bog/peat. veg.: no erosion, no trees	Blanket bog/peat. veg.: dubh lochans
540	162	191	Undiff. smooth grass.: rock, no trees	Maritime grassland: no trees
541	90	134	Imp. pasture: no rock, no farms, no trees	Undiff. heather moor: rock, no burning, no trees
542	124	94	Wet heather moor: rock, no burning, no trees	Imp. pasture: rock, no farms, no trees
543	142	150	Undiff. Nardus/Molinia: rock, no trees	Smooth grass/rushes: no rock, no trees
544	182	10	Blanket bog/peat. veg.: no erosion, no trees	Rock and cliffs (area)
545	150	142	Smooth grass/rushes: no rock, no trees	Undiff. Nardus/Molinia: rock, no trees
546	5	211	Golf course	Partially stabilized dunes
547	82	79	Undiff. low scrub	Undiff. mixed woodland (area)
548	82	211	Undiff. low scrub	Partially stabilized dunes
549	76	82	Undiff. broadleaved (area)	Undiff. low scrub
550	82	200	Undiff. low scrub	Wetlands: no drains, no trees

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Table A.3 Coding key for mosaics ordered by feature code (continued)

mosaic code	component codes		primary feature	secondary feature
	primary	secondary		
551	213	82	Links area: heath	Undiff. low scrub
552	112	182	Dry heather moor: no rock, burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
553	142	172	Undiff. Nardus/Molinia: rock, no trees	Undiff. bracken: rock, no trees
554	157	150	Smooth grass/low scrub: rock, no trees	Smooth grass/rushes: no rock, no trees
555	158	94	Smooth grass/low scrub: rock, trees	Imp. pasture: rock, no farms, no trees
556	120	180	Wet heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: erosion, no trees
557	172	162	Undiff. bracken: rock, no trees	Undiff. smooth grass.: rock, no trees
558	170	150	Undiff. bracken: no rock, no trees	Smooth grass/rushes: no rock, no trees
559	171	151	Undiff. bracken: no rock, trees	Smooth grass/rushes: no rock, trees
560	172	142	Undiff. bracken: rock, no trees	Undiff. Nardus/Molinia: rock, no trees
561	170	140	Undiff. bracken: no rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
562	70	86	Coniferous plantation (area)	Rhododendron scrub
563	162	10	Undiff. smooth grass.: rock, no trees	Rock and cliffs (area)
564	140	130	Undiff. Nardus/Molinia: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
565	180	120	Blanket bog/peat. veg.: erosion, no trees	Wet heather moor: no rock, no burning, no trees
566	70	85	Coniferous plantation (area)	Open canopy (young plantation)
567	124	90	Wet heather moor: rock, no burning, no trees	Imp. pasture: no rock, no farms, no trees
568	114	142	Dry heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: rock, no trees
569	83	85	Recent ploughing for forestry	Open canopy (young plantation)
570	162	94	Undiff. smooth grass.: rock, no trees	Imp. pasture: rock, no farms, no trees
571	162	182	Undiff. smooth grass.: rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
572	150	94	Smooth grass/rushes: no rock, no trees	Imp. pasture: rock, no farms, no trees
573	124	142	Wet heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: rock, no trees
574	83	182	Recent ploughing for forestry	Blanket bog/peat. veg.: no erosion, no trees
575	163	162	Undiff. smooth grass.: rock, trees	Undiff. smooth grass.: rock, no trees
576	221	223	recoded as 180	Undiff. montane veg.: no rock
577	142	191	Undiff. Nardus/Molinia: rock, no trees	Maritime grassland: no trees
578	222	223	Undiff. montane veg.: rock	Undiff. montane veg.: no rock
579	140	162	Undiff. Nardus/Molinia: no rock, no trees	Undiff. smooth grass.: rock, no trees
580	134	180	Undiff. heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: erosion, no trees
581	82	212	Undiff. low scrub	Links area: grass
582	191	124	Maritime grassland: no trees	Wet heather moor: rock, no burning, no trees
583	70	124	Coniferous plantation (area)	Wet heather moor: rock, no burning, no trees
584	172	82	Undiff. bracken: rock, no trees	Undiff. low scrub
585	172	157	Undiff. bracken: rock, no trees	Smooth grass/low scrub: rock, no trees
586	150	170	Smooth grass/rushes: no rock, no trees	Undiff. bracken: no rock, no trees
587	134	173	Undiff. heather moor: rock, no burning, no trees	Undiff. bracken: rock, trees
588	173	163	Undiff. bracken: rock, trees	Undiff. smooth grass.: rock, trees
589	150	172	Smooth grass/rushes: no rock, no trees	Undiff. bracken: rock, no trees
590	156	150	Smooth grass/low scrub: no rock, trees	Smooth grass/rushes: no rock, no trees
591	163	158	Undiff. smooth grass.: rock, trees	Smooth grass/low scrub: rock, trees
592	140	170	Undiff. Nardus/Molinia: no rock, no trees	Undiff. bracken: no rock, no trees
593	170	160	Undiff. bracken: no rock, no trees	Undiff. smooth grass.: no rock, no trees
594	5	80	Golf course	Undiff. mixed woodland (line)
595	96	124	Imp. pasture: rock, farms, no trees	Wet heather moor: rock, no burning, no trees
596	182	180	Blanket bog/peat. veg.: no erosion, no trees	Blanket bog/peat. veg.: erosion, no trees
597	191	186	Maritime grassland: no trees	Blanket bog/peat. veg.: other peat workings
598	124	96	Wet heather moor: rock, no burning, no trees	Imp. pasture: rock, farms, no trees
599	180	222	Blanket bog/peat. veg.: erosion, no trees	Undiff. montane veg.: rock
600	96	150	Imp. pasture: rock, farms, no trees	Smooth grass/rushes: no rock, no trees

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Table A.3 Coding key for mosaics ordered by feature code (continued)

mosaic code	component codes		primary feature	secondary feature
	primary	secondary		
601	94	140	Imp. pasture: rock, no farms, no trees	Undiff. Nardus/Molinia: no rock, no trees
602	180	223	Blanket bog/peat. veg.: erosion, no trees	Undiff. montane veg.: no rock
603	223	180	Undiff. montane veg.: no rock	Blanket bog/peat. veg.: erosion, no trees
604	134	143	Undiff. heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: rock, trees
605	94	157	Imp. pasture: rock, no farms, no trees	Smooth grass/low scrub: rock, no trees
606	152	94	Smooth grass/rushes: rock, no trees	Imp. pasture: rock, no farms, no trees
607	222	180	Undiff. montane veg.: rock	Blanket bog/peat. veg.: erosion, no trees
608	222	182	Undiff. montane veg.: rock	Blanket bog/peat. veg.: no erosion, no trees
609	5	72	Golf course	Coniferous plantation (point)
610	5	81	Golf course	Undiff. mixed woodland (point)
611	79	86	Undiff. mixed woodland (area)	Rhododendron scrub
612	157	10	Smooth grass/low scrub: rock, no trees	Rock and cliffs (area)
613	5	70	Golf course	Coniferous plantation (area)
614	184	162	Blanket bog/peat. veg.: dubh lochans	Undiff. smooth grass.: rock, no trees
615	95	182	Imp. pasture: rock, no farms, trees	Blanket bog/peat. veg.: no erosion, no trees
616	94	200	Imp. pasture: rock, no farms, no trees	Wetlands: no drains, no trees
617	157	200	Smooth grass/low scrub: rock, no trees	Wetlands: no drains, no trees
618	20	157	Built-up (area)	Smooth grass/low scrub: rock, no trees
619	182	157	Blanket bog/peat. veg.: no erosion, no trees	Smooth grass/low scrub: rock, no trees
620	223	182	Undiff. montane veg.: no rock	Blanket bog/peat. veg.: no erosion, no trees
621	173	183	Undiff. bracken: rock, trees	Blanket bog/peat. veg.: no erosion, trees
622	173	182	Undiff. bracken: rock, trees	Blanket bog/peat. veg.: no erosion, no trees
623	182	173	Blanket bog/peat. veg.: no erosion, no trees	Undiff. bracken: rock, trees
624	162	200	Undiff. smooth grass.: rock, no trees	Wetlands: no drains, no trees
625	182	222	Blanket bog/peat. veg.: no erosion, no trees	Undiff. montane veg.: rock
626	180	10	Blanket bog/peat. veg.: erosion, no trees	Rock and cliffs (area)
627	182	223	Blanket bog/peat. veg.: no erosion, no trees	Undiff. montane veg.: no rock
628	171	156	Undiff. bracken: no rock, trees	Smooth grass/low scrub: no rock, trees
629	83	79	Recent ploughing for forestry	Undiff. mixed woodland (area)
630	111	156	Dry heather moor: no rock, no burning, trees	Smooth grass/low scrub: no rock, trees
631	160	110	Undiff. smooth grass.: no rock, no trees	Dry heather moor: no rock, no burning, no trees
632	134	10	Undiff. heather moor: rock, no burning, no trees	Rock and cliffs (area)
633	163	182	Undiff. smooth grass.: rock, trees	Blanket bog/peat. veg.: no erosion, no trees
634	180	134	Blanket bog/peat. veg.: erosion, no trees	Undiff. heather moor: rock, no burning, no trees
635	90	152	Imp. pasture: no rock, no farms, no trees	Smooth grass/rushes: rock, no trees
636	134	152	Undiff. heather moor: rock, no burning, no trees	Smooth grass/rushes: rock, no trees
637	94	152	Imp. pasture: rock, no farms, no trees	Smooth grass/rushes: rock, no trees
638	190	10	Undiff. salt marsh: no trees	Rock and cliffs (area)
639	186	152	Blanket bog/peat. veg.: other peat workings	Smooth grass/rushes: rock, no trees
640	130	223	Undiff. heather moor: no rock, no burning, no trees	Undiff. montane veg.: no rock
641	120	110	Wet heather moor: no rock, no burning, no trees	Dry heather moor: no rock, no burning, no trees
642	130	110	Undiff. heather moor: no rock, no burning, no trees	Dry heather moor: no rock, no burning, no trees
643	111	183	Dry heather moor: no rock, no burning, trees	Blanket bog/peat. veg.: no erosion, trees
644	183	131	Blanket bog/peat. veg.: no erosion, trees	Undiff. heather moor: no rock, no burning, trees
645	170	155	Undiff. bracken: no rock, no trees	Smooth grass/low scrub: no rock, no trees
646	134	183	Undiff. heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, trees
647	190	202	Undiff. salt marsh: no trees	Wetlands: no drains, trees
648	202	190	Wetlands: no drains, trees	Undiff. salt marsh: no trees
649	171	83	Undiff. bracken: no rock, trees	Recent ploughing for forestry
650	112	180	Dry heather moor: no rock, burning, no trees	Blanket bog/peat. veg.: erosion, no trees

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Table A.3 Coding key for mosaics ordered by feature code (continued)

mosaic code	component codes		primary feature	secondary feature
	primary	secondary		
651	161	150	Undiff. smooth grass.: no rock, trees	Smooth grass/rushes: no rock, no trees
652	90	156	Imp. pasture: no rock, no farms, no trees	Smooth grass/low scrub: no rock, trees
653	161	156	Undiff. smooth grass.: no rock, trees	Smooth grass/low scrub: no rock, trees
654	5	79	Golf course	Undiff. mixed woodland (area)
655	100	155	Arable: no rock, no farms, no trees	Smooth grass/low scrub: no rock, no trees
656	134	191	Undiff. heather moor: rock, no burning, no trees	Maritime grassland: no trees
657	186	180	Blanket bog/peat. veg.: other peat workings	Blanket bog/peat. veg.: erosion, no trees
658	120	18	Wet heather moor: no rock, no burning, no trees	Water (area)
659	170	110	Undiff. bracken: no rock, no trees	Dry heather moor: no rock, no burning, no trees
660	90	157	Imp. pasture: no rock, no farms, no trees	Smooth grass/low scrub: rock, no trees
661	161	202	Undiff. smooth grass.: no rock, trees	Wetlands: no drains, trees
662	160	70	Undiff. smooth grass.: no rock, no trees	Coniferous plantation (area)
663	70	160	Coniferous plantation (area)	Undiff. smooth grass.: no rock, no trees
664	155	156	Smooth grass/low scrub: no rock, no trees	Smooth grass/low scrub: no rock, trees
665	134	130	Undiff. heather moor: rock, no burning, no trees	Undiff. heather moor: no rock, no burning, no trees
666	180	184	Blanket bog/peat. veg.: erosion, no trees	Blanket bog/peat. veg.: dubh lochans
667	184	124	Blanket bog/peat. veg.: dubh lochans	Wet heather moor: rock, no burning, no trees
668	140	90	Undiff. Nardus/Molinia: no rock, no trees	Imp. pasture: no rock, no farms, no trees
669	184	120	Blanket bog/peat. veg.: dubh lochans	Wet heather moor: no rock, no burning, no trees
670	120	94	Wet heather moor: no rock, no burning, no trees	Imp. pasture: rock, no farms, no trees
671	120	184	Wet heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: dubh lochans
672	5	77	Golf course	Undiff. broadleaved (line)
673	184	180	Blanket bog/peat. veg.: dubh lochans	Blanket bog/peat. veg.: erosion, no trees
674	82	90	Undiff. low scrub	Imp. pasture: no rock, no farms, no trees
675	183	76	Blanket bog/peat. veg.: no erosion, trees	Undiff. broadleaved (area)
676	76	150	Undiff. broadleaved (area)	Smooth grass/rushes: no rock, no trees
677	161	140	Undiff. smooth grass.: no rock, trees	Undiff. Nardus/Molinia: no rock, no trees
678	91	150	Imp. pasture: no rock, no farms, trees	Smooth grass/rushes: no rock, no trees
679	5	78	Golf course	Undiff. broadleaved (point)
680	110	12	Dry heather moor: no rock, no burning, no trees	Quarries and opencast (area)
681	112	12	Dry heather moor: no rock, burning, no trees	Quarries and opencast (area)
682	91	82	Imp. pasture: no rock, no farms, trees	Undiff. low scrub
683	158	173	Smooth grass/low scrub: rock, trees	Undiff. bracken: rock, trees
684	163	115	Undiff. smooth grass.: rock, trees	Dry heather moor: rock, no burning, trees
685	5	76	Golf course	Undiff. broadleaved (area)
686	132	186	Undiff. heather moor: no rock, burning, no trees	Blanket bog/peat. veg.: other peat workings
687	186	132	Blanket bog/peat. veg.: other peat workings	Undiff. heather moor: no rock, burning, no trees
688	182	90	Blanket bog/peat. veg.: no erosion, no trees	Imp. pasture: no rock, no farms, no trees
689	180	182	Blanket bog/peat. veg.: erosion, no trees	Blanket bog/peat. veg.: no erosion, no trees
690	180	186	Blanket bog/peat. veg.: erosion, no trees	Blanket bog/peat. veg.: other peat workings
691	157	182	Smooth grass/low scrub: rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
692	184	182	Blanket bog/peat. veg.: dubh lochans	Blanket bog/peat. veg.: no erosion, no trees
693	120	90	Wet heather moor: no rock, no burning, no trees	Imp. pasture: no rock, no farms, no trees
694	5	157	Golf course	Smooth grass/low scrub: rock, no trees
695	132	150	Undiff. heather moor: no rock, burning, no trees	Smooth grass/rushes: no rock, no trees
696	110	90	Dry heather moor: no rock, no burning, no trees	Imp. pasture: no rock, no farms, no trees
697	150	200	Smooth grass/rushes: no rock, no trees	Wetlands: no drains, no trees
698	162	211	Undiff. smooth grass.: rock, no trees	Partially stabilized dunes
699	124	150	Wet heather moor: rock, no burning, no trees	Smooth grass/rushes: no rock, no trees
700	92	96	Imp. pasture: no rock, farms, no trees	Imp. pasture: rock, farms, no trees

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Table A.3 Coding key for mosaics ordered by feature code (continued)

mosaic code	component codes		primary feature	secondary feature
	primary	secondary		
701	150	124	Smooth grass/rushes: no rock, no trees	Wet heather moor: rock, no burning, no trees
702	160	211	Undiff. smooth grass.: no rock, no trees	Partially stabilized dunes
703	186	10	Blanket bog/peat. veg.: other peat workings	Rock and cliffs (area)
704	120	162	Wet heather moor: no rock, no burning, no trees	Undiff. smooth grass.: rock, no trees
705	10	157	Rock and cliffs (area)	Smooth grass/low scrub: rock, no trees
706	10	160	Rock and cliffs (area)	Undiff. smooth grass.: no rock, no trees
707	111	150	Dry heather moor: no rock, no burning, trees	Smooth grass/rushes: no rock, no trees
708	170	112	Undiff. bracken: no rock, no trees	Dry heather moor: no rock, burning, no trees
709	150	156	Smooth grass/rushes: no rock, no trees	Smooth grass/low scrub: no rock, trees
710	156	90	Smooth grass/low scrub: no rock, trees	Imp. pasture: no rock, no farms, no trees
711	76	156	Undiff. broadleaved (area)	Smooth grass/low scrub: no rock, trees
712	156	76	Smooth grass/low scrub: no rock, trees	Undiff. broadleaved (area)
713	82	160	Undiff. low scrub	Undiff. smooth grass.: no rock, no trees
714	10	155	Rock and cliffs (area)	Smooth grass/low scrub: no rock, no trees
715	190	200	Undiff. salt marsh: no trees	Wetlands: no drains, no trees
716	152	182	Smooth grass/rushes: rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
717	212	162	Links area: grass	Undiff. smooth grass.: rock, no trees
718	211	10	Partially stabilized dunes	Rock and cliffs (area)
719	212	200	Links area: grass	Wetlands: no drains, no trees
720	162	212	Undiff. smooth grass.: rock, no trees	Links area: grass
721	152	134	Smooth grass/rushes: rock, no trees	Undiff. heather moor: rock, no burning, no trees
722	156	110	Smooth grass/low scrub: no rock, trees	Dry heather moor: no rock, no burning, no trees
723	210	211	Bare dunes	Partially stabilized dunes
724	94	212	Imp. pasture: rock, no farms, no trees	Links area: grass
725	182	152	Blanket bog/peat. veg.: no erosion, no trees	Smooth grass/rushes: rock, no trees
726	83	124	Recent ploughing for forestry	Wet heather moor: rock, no burning, no trees
727	182	160	Blanket bog/peat. veg.: no erosion, no trees	Undiff. smooth grass.: no rock, no trees
728	180	110	Blanket bog/peat. veg.: erosion, no trees	Dry heather moor: no rock, no burning, no trees
729	160	112	Undiff. smooth grass.: no rock, no trees	Dry heather moor: no rock, burning, no trees
730	180	112	Blanket bog/peat. veg.: erosion, no trees	Dry heather moor: no rock, burning, no trees
731	110	156	Dry heather moor: no rock, no burning, no trees	Smooth grass/low scrub: no rock, trees
732	150	183	Smooth grass/rushes: no rock, no trees	Blanket bog/peat. veg.: no erosion, trees
733	79	111	Undiff. mixed woodland (area)	Dry heather moor: no rock, no burning, trees
734	85	131	Open canopy (young plantation)	Undiff. heather moor: no rock, no burning, trees
735	70	73	Coniferous plantation (area)	Coniferous semi-natural (area)
736	180	130	Blanket bog/peat. veg.: erosion, no trees	Undiff. heather moor: no rock, no burning, no trees
737	70	76	Coniferous plantation (area)	Undiff. broadleaved (area)
738	150	134	Smooth grass/rushes: no rock, no trees	Undiff. heather moor: rock, no burning, no trees
739	135	181	Undiff. heather moor: rock, no burning, trees	Blanket bog/peat. veg.: erosion, trees
740	135	143	Undiff. heather moor: rock, no burning, trees	Undiff. Nardus/Molinia: rock, trees
741	131	141	Undiff. heather moor: no rock, no burning, trees	Undiff. Nardus/Molinia: no rock, trees
742	173	143	Undiff. bracken: rock, trees	Undiff. Nardus/Molinia: rock, trees
743	142	180	Undiff. Nardus/Molinia: rock, no trees	Blanket bog/peat. veg.: erosion, no trees
744	10	134	Rock and cliffs (area)	Undiff. heather moor: rock, no burning, no trees
745	135	182	Undiff. heather moor: rock, no burning, trees	Blanket bog/peat. veg.: no erosion, no trees
746	115	173	Dry heather moor: rock, no burning, trees	Undiff. bracken: rock, trees
747	212	156	Links area: grass	Smooth grass/low scrub: no rock, trees
748	211	82	Partially stabilized dunes	Undiff. low scrub
749	141	111	Undiff. Nardus/Molinia: no rock, trees	Dry heather moor: no rock, no burning, trees
750	183	151	Blanket bog/peat. veg.: no erosion, trees	Smooth grass/rushes: no rock, trees

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Table A.3 Coding key for mosaics ordered by feature code (continued)

mosaic code	component codes		primary feature	secondary feature
	primary	secondary		
751	76	160	Undiff. broadleaved (area)	Undiff. smooth grass.: no rock, no trees
752	110	161	Dry heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, trees
753	114	156	Dry heather moor: rock, no burning, no trees	Smooth grass/low scrub: no rock, trees
754	136	150	Undiff. heather moor: rock, burning, no trees	Smooth grass/rushes: no rock, no trees
755	162	110	Undiff. smooth grass.: rock, no trees	Dry heather moor: no rock, no burning, no trees
756	90	161	Imp. pasture: no rock, no farms, no trees	Undiff. smooth grass.: no rock, trees
757	143	163	Undiff. Nardus/Molinia: rock, trees	Undiff. smooth grass.: rock, trees
758	160	183	Undiff. smooth grass.: no rock, no trees	Blanket bog/peat. veg.: no erosion, trees
759	163	150	Undiff. smooth grass.: rock, trees	Smooth grass/rushes: no rock, no trees
760	111	160	Dry heather moor: no rock, no burning, trees	Undiff. smooth grass.: no rock, no trees
761	160	82	Undiff. smooth grass.: no rock, no trees	Undiff. low scrub
762	140	110	Undiff. Nardus/Molinia: no rock, no trees	Dry heather moor: no rock, no burning, no trees
763	160	83	Undiff. smooth grass.: no rock, no trees	Recent ploughing for forestry
764	92	115	Imp. pasture: no rock, farms, no trees	Dry heather moor: rock, no burning, trees
765	135	76	Undiff. heather moor: rock, no burning, trees	Undiff. broadleaved (area)
766	76	163	Undiff. broadleaved (area)	Undiff. smooth grass.: rock, trees
767	140	10	Undiff. Nardus/Molinia: no rock, no trees	Rock and cliffs (area)
768	79	171	Undiff. mixed woodland (area)	Undiff. bracken: no rock, trees
769	79	163	Undiff. mixed woodland (area)	Undiff. smooth grass.: rock, trees
770	135	173	Undiff. heather moor: rock, no burning, trees	Undiff. bracken: rock, trees
771	135	163	Undiff. heather moor: rock, no burning, trees	Undiff. smooth grass.: rock, trees
772	82	143	Undiff. low scrub	Undiff. Nardus/Molinia: rock, trees
773	84	76	Recently felled forestry	Undiff. broadleaved (area)
774	115	172	Dry heather moor: rock, no burning, trees	Undiff. bracken: rock, no trees
775	76	115	Undiff. broadleaved (area)	Dry heather moor: rock, no burning, trees
776	135	161	Undiff. heather moor: rock, no burning, trees	Undiff. smooth grass.: no rock, trees
777	76	173	Undiff. broadleaved (area)	Undiff. bracken: rock, trees
778	90	180	Imp. pasture: no rock, no farms, no trees	Blanket bog/peat. veg.: erosion, no trees
779	114	10	Dry heather moor: rock, no burning, no trees	Rock and cliffs (area)
780	223	10	Undiff. montane veg.: no rock	Rock and cliffs (area)
781	130	211	Undiff. heather moor: no rock, no burning, no trees	Partially stabilized dunes
782	76	134	Undiff. broadleaved (area)	Undiff. heather moor: rock, no burning, no trees
783	163	135	Undiff. smooth grass.: rock, trees	Undiff. heather moor: rock, no burning, trees
784	162	135	Undiff. smooth grass.: rock, no trees	Undiff. heather moor: rock, no burning, trees
785	135	162	Undiff. heather moor: rock, no burning, trees	Undiff. smooth grass.: rock, no trees
786	182	161	Blanket bog/peat. veg.: no erosion, no trees	Undiff. smooth grass.: no rock, trees
787	152	172	Smooth grass/rushes: rock, no trees	Undiff. bracken: rock, no trees
788	76	135	Undiff. broadleaved (area)	Undiff. heather moor: rock, no burning, trees
789	91	163	Imp. pasture: no rock, no farms, trees	Undiff. smooth grass.: rock, trees
790	153	134	Smooth grass/rushes: rock, trees	Undiff. heather moor: rock, no burning, no trees
791	91	156	Imp. pasture: no rock, no farms, trees	Smooth grass/low scrub: no rock, trees
792	90	163	Imp. pasture: no rock, no farms, no trees	Undiff. smooth grass.: rock, trees
793	90	212	Imp. pasture: no rock, no farms, no trees	Links area: grass
794	134	212	Undiff. heather moor: rock, no burning, no trees	Links area: grass
795	112	172	Dry heather moor: no rock, burning, no trees	Undiff. bracken: rock, no trees
796	76	114	Undiff. broadleaved (area)	Dry heather moor: rock, no burning, no trees
797	212	160	Links area: grass	Undiff. smooth grass.: no rock, no trees
798	155	130	Smooth grass/low scrub: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
799	14	140	Bings and refuse tips (area)	Undiff. Nardus/Molinia: no rock, no trees
800	135	183	Undiff. heather moor: rock, no burning, trees	Blanket bog/peat. veg.: no erosion, trees

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Table A.3 Coding key for mosaics ordered by feature code (continued)

mosaic code	component codes		primary feature	secondary feature
	primary	secondary		
801	156	151	Smooth grass/low scrub: no rock, trees	Smooth grass/rushes: no rock, trees
802	85	83	Open canopy (young plantation)	Recent ploughing for forestry
803	152	162	Smooth grass/rushes: rock, no trees	Undiff. smooth grass.: rock, no trees
804	157	90	Smooth grass/low scrub: rock, no trees	Imp. pasture: no rock, no farms, no trees
805	151	181	Smooth grass/rushes: no rock, trees	Blanket bog/peat. veg.: erosion, trees
806	82	182	Undiff. low scrub	Blanket bog/peat. veg.: no erosion, no trees
807	82	110	Undiff. low scrub	Dry heather moor: no rock, no burning, no trees
808	110	121	Dry heather moor: no rock, no burning, no trees	Wet heather moor: no rock, no burning, trees
809	130	82	Undiff. heather moor: no rock, no burning, no trees	Undiff. low scrub
810	90	79	Imp. pasture: no rock, no farms, no trees	Undiff. mixed woodland (area)
811	113	156	Dry heather moor: no rock, burning, trees	Smooth grass/low scrub: no rock, trees
812	114	82	Dry heather moor: rock, no burning, no trees	Undiff. low scrub
813	111	120	Dry heather moor: no rock, no burning, trees	Wet heather moor: no rock, no burning, no trees
814	110	84	Dry heather moor: no rock, no burning, no trees	Recently felled forestry
815	70	155	Coniferous plantation (area)	Smooth grass/low scrub: no rock, no trees
816	90	120	Imp. pasture: no rock, no farms, no trees	Wet heather moor: no rock, no burning, no trees
817	92	124	Imp. pasture: no rock, farms, no trees	Wet heather moor: rock, no burning, no trees
818	200	90	Wetlands: no drains, no trees	Imp. pasture: no rock, no farms, no trees
819	150	201	Smooth grass/rushes: no rock, no trees	Wetlands: drains, no trees
820	140	112	Undiff. Nardus/Molinia: no rock, no trees	Dry heather moor: no rock, burning, no trees
821	92	152	Imp. pasture: no rock, farms, no trees	Smooth grass/rushes: rock, no trees
822	212	94	Links area: grass	Imp. pasture: rock, no farms, no trees
823	90	142	Imp. pasture: no rock, no farms, no trees	Undiff. Nardus/Molinia: rock, no trees
824	92	162	Imp. pasture: no rock, farms, no trees	Undiff. smooth grass.: rock, no trees
825	151	82	Smooth grass/rushes: no rock, trees	Undiff. low scrub
826	140	186	Undiff. Nardus/Molinia: no rock, no trees	Blanket bog/peat. veg.: other peat workings
827	212	211	Links area: grass	Partially stabilized dunes
828	93	156	Imp. pasture: no rock, farms, trees	Smooth grass/low scrub: no rock, trees
829	184	83	Blanket bog/peat. veg.: dubh lochans	Recent ploughing for forestry
830	83	184	Recent ploughing for forestry	Blanket bog/peat. veg.: dubh lochans
831	163	143	Undiff. smooth grass.: rock, trees	Undiff. Nardus/Molinia: rock, trees
832	160	212	Undiff. smooth grass.: no rock, no trees	Links area: grass
833	92	140	Imp. pasture: no rock, farms, no trees	Undiff. Nardus/Molinia: no rock, no trees
834	186	140	Blanket bog/peat. veg.: other peat workings	Undiff. Nardus/Molinia: no rock, no trees
835	163	172	Undiff. smooth grass.: rock, trees	Undiff. bracken: rock, no trees
836	211	12	Partially stabilized dunes	Quarries and opencast (area)
837	173	142	Undiff. bracken: rock, trees	Undiff. Nardus/Molinia: rock, no trees
838	172	140	Undiff. bracken: rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
839	173	82	Undiff. bracken: rock, trees	Undiff. low scrub
840	82	170	Undiff. low scrub	Undiff. bracken: no rock, no trees
841	76	113	Undiff. broadleaved (area)	Dry heather moor: no rock, burning, trees
842	152	142	Smooth grass/rushes: rock, no trees	Undiff. Nardus/Molinia: rock, no trees
843	116	172	Dry heather moor: rock, burning, no trees	Undiff. bracken: rock, no trees
844	112	170	Dry heather moor: no rock, burning, no trees	Undiff. bracken: no rock, no trees
845	114	170	Dry heather moor: rock, no burning, no trees	Undiff. bracken: no rock, no trees
846	171	155	Undiff. bracken: no rock, trees	Smooth grass/low scrub: no rock, no trees
847	112	171	Dry heather moor: no rock, burning, no trees	Undiff. bracken: no rock, trees
848	180	132	Blanket bog/peat. veg.: erosion, no trees	Undiff. heather moor: no rock, burning, no trees
849	150	85	Smooth grass/rushes: no rock, no trees	Open canopy (young plantation)
850	134	150	Undiff. heather moor: rock, no burning, no trees	Smooth grass/rushes: no rock, no trees

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Table A.3 Coding key for mosaics ordered by feature code (continued)

mosaic code	component codes		primary feature	secondary feature
	primary	secondary		
851	151	93	Smooth grass/rushes: no rock, trees	Imp. pasture: no rock, farms, trees
852	84	83	Recently felled forestry	Recent ploughing for forestry
853	83	78	Recent ploughing for forestry	Undiff. broadleaved (point)
854	142	82	Undiff. Nardus/Molinia: rock, no trees	Undiff. low scrub
855	150	162	Smooth grass/rushes: no rock, no trees	Undiff. smooth grass.: rock, no trees
856	140	82	Undiff. Nardus/Molinia: no rock, no trees	Undiff. low scrub
857	130	156	Undiff. heather moor: no rock, no burning, no trees	Smooth grass/low scrub: no rock, trees
858	82	131	Undiff. low scrub	Undiff. heather moor: no rock, no burning, trees
859	110	114	Dry heather moor: no rock, no burning, no trees	Dry heather moor: rock, no burning, no trees
860	132	180	Undiff. heather moor: no rock, burning, no trees	Blanket bog/peat. veg.: erosion, no trees
861	170	82	Undiff. bracken: no rock, no trees	Undiff. low scrub
862	162	82	Undiff. smooth grass.: rock, no trees	Undiff. low scrub
863	157	82	Smooth grass/low scrub: rock, no trees	Undiff. low scrub
864	157	72	Smooth grass/low scrub: rock, no trees	Coniferous plantation (point)
865	163	82	Undiff. smooth grass.: rock, trees	Undiff. low scrub
866	202	161	Wetlands: no drains, trees	Undiff. smooth grass.: no rock, trees
867	163	202	Undiff. smooth grass.: rock, trees	Wetlands: no drains, trees
868	200	160	Wetlands: no drains, no trees	Undiff. smooth grass.: no rock, no trees
869	173	158	Undiff. bracken: rock, trees	Smooth grass/low scrub: rock, trees
870	82	78	Undiff. low scrub	Undiff. broadleaved (point)
871	211	200	Partially stabilized dunes	Wetlands: no drains, no trees
872	211	155	Partially stabilized dunes	Smooth grass/low scrub: no rock, no trees
873	222	134	Undiff. montane veg.: rock	Undiff. heather moor: rock, no burning, no trees
874	110	135	Dry heather moor: no rock, no burning, no trees	Undiff. heather moor: rock, no burning, trees
875	82	70	Undiff. low scrub	Coniferous plantation (area)
876	151	111	Smooth grass/rushes: no rock, trees	Dry heather moor: no rock, no burning, trees
877	11	121	Cliffs (line)	Wet heather moor: no rock, no burning, trees
878	183	161	Blanket bog/peat. veg.: no erosion, trees	Undiff. smooth grass.: no rock, trees
879	163	134	Undiff. smooth grass.: rock, trees	Undiff. heather moor: rock, no burning, no trees
880	153	173	Smooth grass/rushes: rock, trees	Undiff. bracken: rock, trees
881	76	171	Undiff. broadleaved (area)	Undiff. bracken: no rock, trees
882	182	163	Blanket bog/peat. veg.: no erosion, no trees	Undiff. smooth grass.: rock, trees
883	85	76	Open canopy (young plantation)	Undiff. broadleaved (area)
884	182	76	Blanket bog/peat. veg.: no erosion, no trees	Undiff. broadleaved (area)
885	152	180	Smooth grass/rushes: rock, no trees	Blanket bog/peat. veg.: erosion, no trees
886	93	183	Imp. pasture: no rock, farms, trees	Blanket bog/peat. veg.: no erosion, trees
887	92	153	Imp. pasture: no rock, farms, no trees	Smooth grass/rushes: rock, trees
888	184	130	Blanket bog/peat. veg.: dubh lochans	Undiff. heather moor: no rock, no burning, no trees
889	182	200	Blanket bog/peat. veg.: no erosion, no trees	Wetlands: no drains, no trees
890	223	130	Undiff. montane veg.: no rock	Undiff. heather moor: no rock, no burning, no trees
891	222	130	Undiff. montane veg.: rock	Undiff. heather moor: no rock, no burning, no trees
892	110	223	Dry heather moor: no rock, no burning, no trees	Undiff. montane veg.: no rock
893	223	110	Undiff. montane veg.: no rock	Dry heather moor: no rock, no burning, no trees
894	84	75	Recently felled forestry	Coniferous semi-natural (point)
895	85	75	Open canopy (young plantation)	Coniferous semi-natural (point)
896	222	114	Undiff. montane veg.: rock	Dry heather moor: rock, no burning, no trees
897	82	100	Undiff. low scrub	Arable: no rock, no farms, no trees
898	5	156	Golf course	Smooth grass/low scrub: no rock, trees
899	73	70	Coniferous semi-natural (area)	Coniferous plantation (area)
900	73	131	Coniferous semi-natural (area)	Undiff. heather moor: no rock, no burning, trees

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Table A.3 Coding key for mosaics ordered by feature code (continued)

mosaic code	component codes		primary feature	secondary feature
	primary	secondary		
901	70	202	Coniferous plantation (area)	Wetlands: no drains, trees
902	79	20	Undiff. mixed woodland (area)	Built-up (area)
903	201	150	Wetlands: drains, no trees	Smooth grass/rushes: no rock, no trees
904	114	222	Dry heather moor: rock, no burning, no trees	Undiff. montane veg.: rock
905	130	222	Undiff. heather moor: no rock, no burning, no trees	Undiff. montane veg.: rock
906	73	10	Coniferous semi-natural (area)	Rock and cliffs (area)
907	121	183	Wet heather moor: no rock, no burning, trees	Blanket bog/peat. veg.: no erosion, trees
908	84	82	Recently felled forestry	Undiff. low scrub
909	136	142	Undiff. heather moor: rock, burning, no trees	Undiff. Nardus/Molinia: rock, no trees
910	223	140	Undiff. montane veg.: no rock	Undiff. Nardus/Molinia: no rock, no trees
911	186	162	Blanket bog/peat. veg.: other peat workings	Undiff. smooth grass.: rock, no trees
912	134	222	Undiff. heather moor: rock, no burning, no trees	Undiff. montane veg.: rock
913	73	182	Coniferous semi-natural (area)	Blanket bog/peat. veg.: no erosion, no trees
914	142	94	Undiff. Nardus/Molinia: rock, no trees	Imp. pasture: rock, no farms, no trees
915	140	142	Undiff. Nardus/Molinia: no rock, no trees	Undiff. Nardus/Molinia: rock, no trees
916	110	130	Dry heather moor: no rock, no burning, no trees	Undiff. heather moor: no rock, no burning, no trees
917	140	223	Undiff. Nardus/Molinia: no rock, no trees	Undiff. montane veg.: no rock
918	114	143	Dry heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: rock, trees
919	142	130	Undiff. Nardus/Molinia: rock, no trees	Undiff. heather moor: no rock, no burning, no trees
920	112	223	Dry heather moor: no rock, burning, no trees	Undiff. montane veg.: no rock
921	222	110	Undiff. montane veg.: rock	Dry heather moor: no rock, no burning, no trees
922	113	162	Dry heather moor: no rock, burning, trees	Undiff. smooth grass.: rock, no trees
923	134	170	Undiff. heather moor: rock, no burning, no trees	Undiff. bracken: no rock, no trees
924	136	182	Undiff. heather moor: rock, burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
925	141	131	Undiff. Nardus/Molinia: no rock, trees	Undiff. heather moor: no rock, no burning, trees
926	10	76	Rock and cliffs (area)	Undiff. broadleaved (area)
927	79	141	Undiff. mixed woodland (area)	Undiff. Nardus/Molinia: no rock, trees
928	73	76	Coniferous semi-natural (area)	Undiff. broadleaved (area)
929	140	134	Undiff. Nardus/Molinia: no rock, no trees	Undiff. heather moor: rock, no burning, no trees
930	85	111	Open canopy (young plantation)	Dry heather moor: no rock, no burning, trees
931	111	85	Dry heather moor: no rock, no burning, trees	Open canopy (young plantation)
932	84	110	Recently felled forestry	Dry heather moor: no rock, no burning, no trees
933	134	140	Undiff. heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
934	111	84	Dry heather moor: no rock, no burning, trees	Recently felled forestry
935	84	114	Recently felled forestry	Dry heather moor: rock, no burning, no trees
936	72	202	Coniferous plantation (point)	Wetlands: no drains, trees
937	157	183	Smooth grass/low scrub: rock, no trees	Blanket bog/peat. veg.: no erosion, trees
938	180	150	Blanket bog/peat. veg.: erosion, no trees	Smooth grass/rushes: no rock, no trees
939	162	180	Undiff. smooth grass.: rock, no trees	Blanket bog/peat. veg.: erosion, no trees
940	135	10	Undiff. heather moor: rock, no burning, trees	Rock and cliffs (area)
941	143	76	Undiff. Nardus/Molinia: rock, trees	Undiff. broadleaved (area)
942	10	142	Rock and cliffs (area)	Undiff. Nardus/Molinia: rock, no trees
943	143	10	Undiff. Nardus/Molinia: rock, trees	Rock and cliffs (area)
944	140	70	Undiff. Nardus/Molinia: no rock, no trees	Coniferous plantation (area)
945	76	10	Undiff. broadleaved (area)	Rock and cliffs (area)
946	76	142	Undiff. broadleaved (area)	Undiff. Nardus/Molinia: rock, no trees
947	173	135	Undiff. bracken: rock, trees	Undiff. heather moor: rock, no burning, trees
948	110	222	Dry heather moor: no rock, no burning, no trees	Undiff. montane veg.: rock
949	131	140	Undiff. heather moor: no rock, no burning, trees	Undiff. Nardus/Molinia: no rock, no trees
950	111	141	Dry heather moor: no rock, no burning, trees	Undiff. Nardus/Molinia: no rock, trees

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Table A.3 Coding key for mosaics ordered by feature code (continued)

mosaic code	component codes		primary feature	secondary feature
	primary	secondary		
951	76	73	Undiff. broadleaved (area)	Coniferous semi-natural (area)
952	131	180	Undiff. heather moor: no rock, no burning, trees	Blanket bog/peat. veg.: erosion, no trees
953	160	180	Undiff. smooth grass.: no rock, no trees	Blanket bog/peat. veg.: erosion, no trees
954	5	155	Golf course	Smooth grass/low scrub: no rock, no trees
955	90	200	Imp. pasture: no rock, no farms, no trees	Wetlands: no drains, no trees
956	114	140	Dry heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
957	95	151	Imp. pasture: rock, no farms, trees	Smooth grass/rushes: no rock, trees
958	76	157	Undiff. broadleaved (area)	Smooth grass/low scrub: rock, no trees
959	82	114	Undiff. low scrub	Dry heather moor: rock, no burning, no trees
960	91	158	Imp. pasture: no rock, no farms, trees	Smooth grass/low scrub: rock, trees
961	91	161	Imp. pasture: no rock, no farms, trees	Undiff. smooth grass.: no rock, trees
962	94	156	Imp. pasture: rock, no farms, no trees	Smooth grass/low scrub: no rock, trees
963	115	157	Dry heather moor: rock, no burning, trees	Smooth grass/low scrub: rock, no trees
964	157	114	Smooth grass/low scrub: rock, no trees	Dry heather moor: rock, no burning, no trees
965	158	151	Smooth grass/low scrub: rock, trees	Smooth grass/rushes: no rock, trees
966	183	156	Blanket bog/peat. veg.: no erosion, trees	Smooth grass/low scrub: no rock, trees
967	183	160	Blanket bog/peat. veg.: no erosion, trees	Undiff. smooth grass.: no rock, no trees
968	92	201	Imp. pasture: no rock, farms, no trees	Wetlands: drains, no trees
969	160	200	Undiff. smooth grass.: no rock, no trees	Wetlands: no drains, no trees
970	191	130	Maritime grassland: no trees	Undiff. heather moor: no rock, no burning, no trees
971	92	200	Imp. pasture: no rock, farms, no trees	Wetlands: no drains, no trees
972	130	191	Undiff. heather moor: no rock, no burning, no trees	Maritime grassland: no trees
973	122	150	Wet heather moor: no rock, burning, no trees	Smooth grass/rushes: no rock, no trees
974	150	132	Smooth grass/rushes: no rock, no trees	Undiff. heather moor: no rock, burning, no trees
975	182	110	Blanket bog/peat. veg.: no erosion, no trees	Dry heather moor: no rock, no burning, no trees
976	160	191	Undiff. smooth grass.: no rock, no trees	Maritime grassland: no trees
977	191	110	Maritime grassland: no trees	Dry heather moor: no rock, no burning, no trees
978	112	161	Dry heather moor: no rock, burning, no trees	Undiff. smooth grass.: no rock, trees
979	90	151	Imp. pasture: no rock, no farms, no trees	Smooth grass/rushes: no rock, trees
980	90	110	Imp. pasture: no rock, no farms, no trees	Dry heather moor: no rock, no burning, no trees
981	132	152	Undiff. heather moor: no rock, burning, no trees	Smooth grass/rushes: rock, no trees
982	120	134	Wet heather moor: no rock, no burning, no trees	Undiff. heather moor: rock, no burning, no trees
983	111	170	Dry heather moor: no rock, no burning, trees	Undiff. bracken: no rock, no trees
984	143	170	Undiff. Nardus/Molinia: rock, trees	Undiff. bracken: no rock, no trees
985	222	10	Undiff. montane veg.: rock	Rock and cliffs (area)
986	111	121	Dry heather moor: no rock, no burning, trees	Wet heather moor: no rock, no burning, trees
987	111	130	Dry heather moor: no rock, no burning, trees	Undiff. heather moor: no rock, no burning, no trees
988	113	182	Dry heather moor: no rock, burning, trees	Blanket bog/peat. veg.: no erosion, no trees
989	114	130	Dry heather moor: rock, no burning, no trees	Undiff. heather moor: no rock, no burning, no trees
990	114	134	Dry heather moor: rock, no burning, no trees	Undiff. heather moor: rock, no burning, no trees
991	117	121	Dry heather moor: rock, burning, trees	Wet heather moor: no rock, no burning, trees
992	150	180	Smooth grass/rushes: no rock, no trees	Blanket bog/peat. veg.: erosion, no trees
993	70	130	Coniferous plantation (area)	Undiff. heather moor: no rock, no burning, no trees
994	114	180	Dry heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: erosion, no trees
995	162	130	Undiff. smooth grass.: rock, no trees	Undiff. heather moor: no rock, no burning, no trees
996	163	114	Undiff. smooth grass.: rock, trees	Dry heather moor: rock, no burning, no trees
997	180	114	Blanket bog/peat. veg.: erosion, no trees	Dry heather moor: rock, no burning, no trees
998	25	25	No photography	No photography
1000	142	170	Undiff. Nardus/Molinia: rock, no trees	Undiff. bracken: no rock, no trees
1001	163	171	Undiff. smooth grass.: rock, trees	Undiff. bracken: no rock, trees

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Table A.3 Coding key for mosaics ordered by feature code (continued)

mosaic code	component codes		primary feature	secondary feature
	primary	secondary		
1002	70	134	Coniferous plantation (area)	Undiff. heather moor: rock, no burning, no trees
1003	110	85	Dry heather moor: no rock, no burning, no trees	Open canopy (young plantation)
1004	85	73	Open canopy (young plantation)	Coniferous semi-natural (area)
1005	120	191	Wet heather moor: no rock, no burning, no trees	Maritime grassland: no trees
1006	114	83	Dry heather moor: rock, no burning, no trees	Recent ploughing for forestry
1007	130	142	Undiff. heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: rock, no trees
1008	84	131	Recently felled forestry	Undiff. heather moor: no rock, no burning, trees
1009	82	111	Undiff. low scrub	Dry heather moor: no rock, no burning, trees
1010	115	84	Dry heather moor: rock, no burning, trees	Recently felled forestry
1011	131	84	Undiff. heather moor: no rock, no burning, trees	Recently felled forestry
1012	116	222	Dry heather moor: rock, burning, no trees	Undiff. montane veg.: rock
1013	84	111	Recently felled forestry	Dry heather moor: no rock, no burning, trees
1014	26	27	Cloud cover	Snow cover
1015	133	183	Undiff. heather moor: no rock, burning, trees	Blanket bog/peat. veg.: no erosion, trees
1016	114	160	Dry heather moor: rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
1017	132	223	Undiff. heather moor: no rock, burning, no trees	Undiff. montane veg.: no rock
1018	94	142	Imp. pasture: rock, no farms, no trees	Undiff. Nardus/Molinia: rock, no trees
1019	94	172	Imp. pasture: rock, no farms, no trees	Undiff. bracken: rock, no trees
1020	151	150	Smooth grass/rushes: no rock, trees	Smooth grass/rushes: no rock, no trees
1021	172	182	Undiff. bracken: rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
1022	163	183	Undiff. smooth grass.: rock, trees	Blanket bog/peat. veg.: no erosion, trees
1023	223	112	Undiff. montane veg.: no rock	Dry heather moor: no rock, burning, no trees
1024	171	111	Undiff. bracken: no rock, trees	Dry heather moor: no rock, no burning, trees
1025	111	75	Dry heather moor: no rock, no burning, trees	Coniferous semi-natural (point)
1026	156	111	Smooth grass/low scrub: no rock, trees	Dry heather moor: no rock, no burning, trees
1027	151	131	Smooth grass/rushes: no rock, trees	Undiff. heather moor: no rock, no burning, trees
1028	171	161	Undiff. bracken: no rock, trees	Undiff. smooth grass.: no rock, trees
1029	73	110	Coniferous semi-natural (area)	Dry heather moor: no rock, no burning, no trees
1030	134	120	Undiff. heather moor: rock, no burning, no trees	Wet heather moor: no rock, no burning, no trees
1031	134	200	Undiff. heather moor: rock, no burning, no trees	Wetlands: no drains, no trees
1032	142	90	Undiff. Nardus/Molinia: rock, no trees	Imp. pasture: no rock, no farms, no trees
1033	142	120	Undiff. Nardus/Molinia: rock, no trees	Wet heather moor: no rock, no burning, no trees
1034	142	200	Undiff. Nardus/Molinia: rock, no trees	Wetlands: no drains, no trees
1035	70	110	Coniferous plantation (area)	Dry heather moor: no rock, no burning, no trees
1036	79	160	Undiff. mixed woodland (area)	Undiff. smooth grass.: no rock, no trees
1037	85	162	Open canopy (young plantation)	Undiff. smooth grass.: rock, no trees
1038	111	162	Dry heather moor: no rock, no burning, trees	Undiff. smooth grass.: rock, no trees
1039	114	70	Dry heather moor: rock, no burning, no trees	Coniferous plantation (area)
1040	114	223	Dry heather moor: rock, no burning, no trees	Undiff. montane veg.: no rock
1041	116	140	Dry heather moor: rock, burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
1042	116	160	Dry heather moor: rock, burning, no trees	Undiff. smooth grass.: no rock, no trees
1043	116	223	Dry heather moor: rock, burning, no trees	Undiff. montane veg.: no rock
1044	140	94	Undiff. Nardus/Molinia: no rock, no trees	Imp. pasture: rock, no farms, no trees
1045	140	172	Undiff. Nardus/Molinia: no rock, no trees	Undiff. bracken: rock, no trees
1046	157	140	Smooth grass/low scrub: rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
1047	161	141	Undiff. smooth grass.: no rock, trees	Undiff. Nardus/Molinia: no rock, trees
1048	155	182	Smooth grass/low scrub: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
1049	155	140	Smooth grass/low scrub: no rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
1050	182	172	Blanket bog/peat. veg.: no erosion, no trees	Undiff. bracken: rock, no trees
1051	90	100	Imp. pasture: no rock, no farms, no trees	Arable: no rock, no farms, no trees

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Table A.3 Coding key for mosaics ordered by feature code (continued)

mosaic code	component codes		primary feature	secondary feature
	primary	secondary		
1052	182	75	Blanket bog/peat. veg.: no erosion, no trees	Coniferous semi-natural (point)
1053	162	14	Undiff. smooth grass.: rock, no trees	Bings and refuse tips (area)
1054	114	120	Dry heather moor: rock, no burning, no trees	Wet heather moor: no rock, no burning, no trees
1055	180	19	Blanket bog/peat. veg.: erosion, no trees	Water (point)
1056	124	19	Wet heather moor: rock, no burning, no trees	Water (point)
1057	200	142	Wetlands: no drains, no trees	Undiff. Nardus/Molinia: rock, no trees
1058	160	132	Undiff. smooth grass.: no rock, no trees	Undiff. heather moor: no rock, burning, no trees
1059	161	160	Undiff. smooth grass.: no rock, trees	Undiff. smooth grass.: no rock, no trees
1060	142	152	Undiff. Nardus/Molinia: rock, no trees	Smooth grass/rushes: rock, no trees
1061	163	2	Undiff. smooth grass.: rock, trees	Isolated building, trees
1062	83	114	Recent ploughing for forestry	Dry heather moor: rock, no burning, no trees
1063	85	114	Open canopy (young plantation)	Dry heather moor: rock, no burning, no trees
1064	163	152	Undiff. smooth grass.: rock, trees	Smooth grass/rushes: rock, no trees
1065	182	170	Blanket bog/peat. veg.: no erosion, no trees	Undiff. bracken: no rock, no trees
1066	152	130	Smooth grass/rushes: rock, no trees	Undiff. heather moor: no rock, no burning, no trees
1067	222	142	Undiff. montane veg.: rock	Undiff. Nardus/Molinia: rock, no trees
1068	223	114	Undiff. montane veg.: no rock	Dry heather moor: rock, no burning, no trees
1069	186	142	Blanket bog/peat. veg.: other peat workings	Undiff. Nardus/Molinia: rock, no trees
1070	150	157	Smooth grass/rushes: no rock, no trees	Smooth grass/low scrub: rock, no trees
1071	162	76	Undiff. smooth grass.: rock, no trees	Undiff. broadleaved (area)
1072	83	140	Recent ploughing for forestry	Undiff. Nardus/Molinia: no rock, no trees
1073	131	182	Undiff. heather moor: no rock, no burning, trees	Blanket bog/peat. veg.: no erosion, no trees
1074	76	90	Undiff. broadleaved (area)	Imp. pasture: no rock, no farms, no trees
1075	186	158	Blanket bog/peat. veg.: other peat workings	Smooth grass/low scrub: rock, trees
1076	111	151	Dry heather moor: no rock, no burning, trees	Smooth grass/rushes: no rock, trees
1077	151	202	Smooth grass/rushes: no rock, trees	Wetlands: no drains, trees
1078	79	155	Undiff. mixed woodland (area)	Smooth grass/low scrub: no rock, no trees
1079	202	156	Wetlands: no drains, trees	Smooth grass/low scrub: no rock, trees
1080	212	20	Links area: grass	Built-up (area)
1081	5	82	Golf course	Undiff. low scrub
1082	156	157	Smooth grass/low scrub: no rock, trees	Smooth grass/low scrub: rock, no trees
1083	90	76	Imp. pasture: no rock, no farms, no trees	Undiff. broadleaved (area)
1084	116	180	Dry heather moor: rock, burning, no trees	Blanket bog/peat. veg.: erosion, no trees
1085	76	151	Undiff. broadleaved (area)	Smooth grass/rushes: no rock, trees
1086	136	186	Undiff. heather moor: rock, burning, no trees	Blanket bog/peat. veg.: other peat workings
1087	136	162	Undiff. heather moor: rock, burning, no trees	Undiff. smooth grass.: rock, no trees
1088	120	142	Wet heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: rock, no trees
1089	20	79	Built-up (area)	Undiff. mixed woodland (area)
1090	79	156	Undiff. mixed woodland (area)	Smooth grass/low scrub: no rock, trees
1091	82	161	Undiff. low scrub	Undiff. smooth grass.: no rock, trees
1092	85	79	Open canopy (young plantation)	Undiff. mixed woodland (area)
1093	85	110	Open canopy (young plantation)	Dry heather moor: no rock, no burning, no trees
1094	130	70	Undiff. heather moor: no rock, no burning, no trees	Coniferous plantation (area)
1095	160	76	Undiff. smooth grass.: no rock, no trees	Undiff. broadleaved (area)
1096	161	110	Undiff. smooth grass.: no rock, trees	Dry heather moor: no rock, no burning, no trees
1097	182	112	Blanket bog/peat. veg.: no erosion, no trees	Dry heather moor: no rock, burning, no trees
1098	76	161	Undiff. broadleaved (area)	Undiff. smooth grass.: no rock, trees
1099	76	20	Undiff. broadleaved (area)	Built-up (area)
1100	151	161	Smooth grass/rushes: no rock, trees	Undiff. smooth grass.: no rock, trees
1101	76	7	Undiff. broadleaved (area)	Recreational land

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Table A.3 Coding key for mosaics ordered by feature code (continued)

mosaic code	component codes		primary feature	secondary feature
	primary	secondary		
1102	133	151	Undiff. heather moor: no rock, burning, trees	Smooth grass/rushes: no rock, trees
1103	150	112	Smooth grass/rushes: no rock, no trees	Dry heather moor: no rock, burning, no trees
1104	150	122	Smooth grass/rushes: no rock, no trees	Wet heather moor: no rock, burning, no trees
1105	161	113	Undiff. smooth grass.: no rock, trees	Dry heather moor: no rock, burning, trees
1106	123	151	Wet heather moor: no rock, burning, trees	Smooth grass/rushes: no rock, trees
1107	121	155	Wet heather moor: no rock, no burning, trees	Smooth grass/low scrub: no rock, no trees
1108	76	182	Undiff. broadleaved (area)	Blanket bog/peat. veg.: no erosion, no trees
1109	131	76	Undiff. heather moor: no rock, no burning, trees	Undiff. broadleaved (area)
1110	140	200	Undiff. Nardus/Molinia: no rock, no trees	Wetlands: no drains, no trees
1111	76	120	Undiff. broadleaved (area)	Wet heather moor: no rock, no burning, no trees
1112	114	161	Dry heather moor: rock, no burning, no trees	Undiff. smooth grass.: no rock, trees
1113	10	200	Rock and cliffs (area)	Wetlands: no drains, no trees
1114	90	191	Imp. pasture: no rock, no farms, no trees	Maritime grassland: no trees
1115	156	161	Smooth grass/low scrub: no rock, trees	Undiff. smooth grass.: no rock, trees
1116	112	222	Dry heather moor: no rock, burning, no trees	Undiff. montane veg.: rock
1117	91	76	Imp. pasture: no rock, no farms, trees	Undiff. broadleaved (area)
1118	161	130	Undiff. smooth grass.: no rock, trees	Undiff. heather moor: no rock, no burning, no trees
1119	113	150	Dry heather moor: no rock, burning, trees	Smooth grass/rushes: no rock, no trees
1120	151	121	Smooth grass/rushes: no rock, trees	Wet heather moor: no rock, no burning, trees
1121	155	82	Smooth grass/low scrub: no rock, no trees	Undiff. low scrub
1122	134	160	Undiff. heather moor: rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
1123	70	120	Coniferous plantation (area)	Wet heather moor: no rock, no burning, no trees
1124	96	120	Imp. pasture: rock, farms, no trees	Wet heather moor: no rock, no burning, no trees
1125	113	151	Dry heather moor: no rock, burning, trees	Smooth grass/rushes: no rock, trees
1126	142	160	Undiff. Nardus/Molinia: rock, no trees	Undiff. smooth grass.: no rock, no trees
1127	113	161	Dry heather moor: no rock, burning, trees	Undiff. smooth grass.: no rock, trees
1128	130	10	Undiff. heather moor: no rock, no burning, no trees	Rock and cliffs (area)
1129	131	150	Undiff. heather moor: no rock, no burning, trees	Smooth grass/rushes: no rock, no trees
1130	183	155	Blanket bog/peat. veg.: no erosion, trees	Smooth grass/low scrub: no rock, no trees
1131	112	10	Dry heather moor: no rock, burning, no trees	Rock and cliffs (area)
1132	150	161	Smooth grass/rushes: no rock, no trees	Undiff. smooth grass.: no rock, trees
1133	110	10	Dry heather moor: no rock, no burning, no trees	Rock and cliffs (area)
1134	160	156	Undiff. smooth grass.: no rock, no trees	Smooth grass/low scrub: no rock, trees
1135	120	19	Wet heather moor: no rock, no burning, no trees	Water (point)
1136	162	120	Undiff. smooth grass.: rock, no trees	Wet heather moor: no rock, no burning, no trees
1137	151	183	Smooth grass/rushes: no rock, trees	Blanket bog/peat. veg.: no erosion, trees
1138	161	91	Undiff. smooth grass.: no rock, trees	Imp. pasture: no rock, no farms, trees
1139	111	101	Dry heather moor: no rock, no burning, trees	Arable: no rock, no farms, trees
1140	163	151	Undiff. smooth grass.: rock, trees	Smooth grass/rushes: no rock, trees
1141	117	127	Dry heather moor: rock, burning, trees	Wet heather moor: rock, burning, trees
1142	82	76	Undiff. low scrub	Undiff. broadleaved (area)
1143	152	82	Smooth grass/rushes: rock, no trees	Undiff. low scrub
1144	162	92	Undiff. smooth grass.: rock, no trees	Imp. pasture: no rock, farms, no trees
1145	172	115	Undiff. bracken: rock, no trees	Dry heather moor: rock, no burning, trees
1146	131	82	Undiff. heather moor: no rock, no burning, trees	Undiff. low scrub
1147	161	94	Undiff. smooth grass.: no rock, trees	Imp. pasture: rock, no farms, no trees
1148	90	83	Imp. pasture: no rock, no farms, no trees	Recent ploughing for forestry
1149	10	72	Rock and cliffs (area)	Coniferous plantation (point)
1150	212	190	Links area: grass	Undiff. salt marsh: no trees
1151	212	150	Links area: grass	Smooth grass/rushes: no rock, no trees

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Table A.3 Coding key for mosaics ordered by feature code (continued)

mosaic code	component codes		primary feature	secondary feature
	primary	secondary		
1152	213	212	Links area: heath	Links area: grass
1153	211	190	Partially stabilized dunes	Undiff. salt marsh: no trees
1154	10	130	Rock and cliffs (area)	Undiff. heather moor: no rock, no burning, no trees
1155	132	10	Undiff. heather moor: no rock, burning, no trees	Rock and cliffs (area)
1156	162	116	Undiff. smooth grass.: rock, no trees	Dry heather moor: rock, burning, no trees
1157	28	130	Ski tows	Undiff. heather moor: no rock, no burning, no trees
1158	115	162	Dry heather moor: rock, no burning, trees	Undiff. smooth grass.: rock, no trees
1159	180	28	Blanket bog/peat. veg.: erosion, no trees	Ski tows
1160	185	183	Blanket bog/peat. veg.: industrial peat workings	Blanket bog/peat. veg.: no erosion, trees
1161	82	115	Undiff. low scrub	Dry heather moor: rock, no burning, trees
1162	156	141	Smooth grass/low scrub: no rock, trees	Undiff. Nardus/Molinia: no rock, trees
1163	157	115	Smooth grass/low scrub: rock, no trees	Dry heather moor: rock, no burning, trees
1164	79	85	Undiff. mixed woodland (area)	Open canopy (young plantation)
1165	213	210	Links area: heath	Bare dunes
1166	210	82	Bare dunes	Undiff. low scrub
1167	82	130	Undiff. low scrub	Undiff. heather moor: no rock, no burning, no trees
1168	180	82	Blanket bog/peat. veg.: erosion, no trees	Undiff. low scrub
1169	153	170	Smooth grass/rushes: rock, trees	Undiff. bracken: no rock, no trees
1170	70	71	Coniferous plantation (area)	Coniferous plantation (line)
1171	82	72	Undiff. low scrub	Coniferous plantation (point)
1172	161	133	Undiff. smooth grass.: no rock, trees	Undiff. heather moor: no rock, burning, trees
1173	161	112	Undiff. smooth grass.: no rock, trees	Dry heather moor: no rock, burning, no trees
1174	140	132	Undiff. Nardus/Molinia: no rock, no trees	Undiff. heather moor: no rock, burning, no trees
1175	141	180	Undiff. Nardus/Molinia: no rock, trees	Blanket bog/peat. veg.: erosion, no trees
1176	212	155	Links area: grass	Smooth grass/low scrub: no rock, no trees
1177	115	82	Dry heather moor: rock, no burning, trees	Undiff. low scrub
1178	82	171	Undiff. low scrub	Undiff. bracken: no rock, trees
1179	163	130	Undiff. smooth grass.: rock, trees	Undiff. heather moor: no rock, no burning, no trees
1180	83	160	Recent ploughing for forestry	Undiff. smooth grass.: no rock, no trees
1181	85	130	Open canopy (young plantation)	Undiff. heather moor: no rock, no burning, no trees
1182	135	170	Undiff. heather moor: rock, no burning, trees	Undiff. bracken: no rock, no trees
1183	73	120	Coniferous semi-natural (area)	Wet heather moor: no rock, no burning, no trees
1184	142	161	Undiff. Nardus/Molinia: rock, no trees	Undiff. smooth grass.: no rock, trees
1185	161	142	Undiff. smooth grass.: no rock, trees	Undiff. Nardus/Molinia: rock, no trees
1186	92	120	Imp. pasture: no rock, farms, no trees	Wet heather moor: no rock, no burning, no trees
1187	125	182	Wet heather moor: rock, no burning, trees	Blanket bog/peat. veg.: no erosion, no trees
1188	211	120	Partially stabilized dunes	Wet heather moor: no rock, no burning, no trees
1189	131	162	Undiff. heather moor: no rock, no burning, trees	Undiff. smooth grass.: rock, no trees
1190	14	156	Bings and refuse tips (area)	Smooth grass/low scrub: no rock, trees
1191	84	85	Recently felled forestry	Open canopy (young plantation)
1192	134	83	Undiff. heather moor: rock, no burning, no trees	Recent ploughing for forestry
1193	10	162	Rock and cliffs (area)	Undiff. smooth grass.: rock, no trees
1194	10	163	Rock and cliffs (area)	Undiff. smooth grass.: rock, trees
1195	162	160	Undiff. smooth grass.: rock, no trees	Undiff. smooth grass.: no rock, no trees
1196	10	191	Rock and cliffs (area)	Maritime grassland: no trees
1197	76	140	Undiff. broadleaved (area)	Undiff. Nardus/Molinia: no rock, no trees
1198	94	134	Imp. pasture: rock, no farms, no trees	Undiff. heather moor: rock, no burning, no trees
1199	158	134	Smooth grass/low scrub: rock, trees	Undiff. heather moor: rock, no burning, no trees
1200	211	212	Partially stabilized dunes	Links area: grass
1201	76	162	Undiff. broadleaved (area)	Undiff. smooth grass.: rock, no trees

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Table A.3 Coding key for mosaics ordered by feature code (continued)

mosaic code	component codes		primary feature	secondary feature
	primary	secondary		
1202	152	157	Smooth grass/rushes: rock, no trees	Smooth grass/low scrub: rock, no trees
1203	152	200	Smooth grass/rushes: rock, no trees	Wetlands: no drains, no trees
1204	157	134	Smooth grass/low scrub: rock, no trees	Undiff. heather moor: rock, no burning, no trees
1205	200	150	Wetlands: no drains, no trees	Smooth grass/rushes: no rock, no trees
1206	152	90	Smooth grass/rushes: rock, no trees	Imp. pasture: no rock, no farms, no trees
1207	160	12	Undiff. smooth grass.: no rock, no trees	Quarries and opencast (area)
1208	186	160	Blanket bog/peat. veg.: other peat workings	Undiff. smooth grass.: no rock, no trees
1209	200	140	Wetlands: no drains, no trees	Undiff. Nardus/Molinia: no rock, no trees
1210	152	186	Smooth grass/rushes: rock, no trees	Blanket bog/peat. veg.: other peat workings
1211	96	152	Imp. pasture: rock, farms, no trees	Smooth grass/rushes: rock, no trees
1212	158	152	Smooth grass/low scrub: rock, trees	Smooth grass/rushes: rock, no trees
1213	142	76	Undiff. Nardus/Molinia: rock, no trees	Undiff. broadleaved (area)
1214	76	155	Undiff. broadleaved (area)	Smooth grass/low scrub: no rock, no trees
1215	91	152	Imp. pasture: no rock, no farms, trees	Smooth grass/rushes: rock, no trees
1216	172	152	Undiff. bracken: rock, no trees	Smooth grass/rushes: rock, no trees
1217	130	152	Undiff. heather moor: no rock, no burning, no trees	Smooth grass/rushes: rock, no trees
1218	153	183	Smooth grass/rushes: rock, trees	Blanket bog/peat. veg.: no erosion, trees
1219	157	152	Smooth grass/low scrub: rock, no trees	Smooth grass/rushes: rock, no trees
1220	76	158	Undiff. broadleaved (area)	Smooth grass/low scrub: rock, trees
1221	211	162	Partially stabilized dunes	Undiff. smooth grass.: rock, no trees
1222	11	162	Cliffs (line)	Undiff. smooth grass.: rock, no trees
1223	79	157	Undiff. mixed woodland (area)	Smooth grass/low scrub: rock, no trees
1224	95	162	Imp. pasture: rock, no farms, trees	Undiff. smooth grass.: rock, no trees
1225	76	172	Undiff. broadleaved (area)	Undiff. bracken: rock, no trees
1226	158	172	Smooth grass/low scrub: rock, trees	Undiff. bracken: rock, no trees
1227	172	90	Undiff. bracken: rock, no trees	Imp. pasture: no rock, no farms, no trees
1228	151	106	Smooth grass/rushes: no rock, trees	Arable: rock, farms, no trees
1229	140	14	Undiff. Nardus/Molinia: no rock, no trees	Bings and refuse tips (area)
1230	130	14	Undiff. heather moor: no rock, no burning, no trees	Bings and refuse tips (area)
1231	153	135	Smooth grass/rushes: rock, trees	Undiff. heather moor: rock, no burning, trees
1232	222	162	Undiff. montane veg.: rock	Undiff. smooth grass.: rock, no trees
1233	79	158	Undiff. mixed woodland (area)	Smooth grass/low scrub: rock, trees
1234	70	140	Coniferous plantation (area)	Undiff. Nardus/Molinia: no rock, no trees
1235	10	190	Rock and cliffs (area)	Undiff. salt marsh: no trees
1236	211	213	Partially stabilized dunes	Links area: heath
1237	153	158	Smooth grass/rushes: rock, trees	Smooth grass/low scrub: rock, trees
1238	172	84	Undiff. bracken: rock, no trees	Recently felled forestry
1239	172	200	Undiff. bracken: rock, no trees	Wetlands: no drains, no trees
1240	76	85	Undiff. broadleaved (area)	Open canopy (young plantation)
1241	150	186	Smooth grass/rushes: no rock, no trees	Blanket bog/peat. veg.: other peat workings
1242	82	14	Undiff. low scrub	Bings and refuse tips (area)
1243	142	10	Undiff. Nardus/Molinia: rock, no trees	Rock and cliffs (area)
1244	180	162	Blanket bog/peat. veg.: erosion, no trees	Undiff. smooth grass.: rock, no trees
1245	152	156	Smooth grass/rushes: rock, no trees	Smooth grass/low scrub: no rock, trees
1246	172	186	Undiff. bracken: rock, no trees	Blanket bog/peat. veg.: other peat workings
1247	180	152	Blanket bog/peat. veg.: erosion, no trees	Smooth grass/rushes: rock, no trees
1248	76	152	Undiff. broadleaved (area)	Smooth grass/rushes: rock, no trees
1249	151	158	Smooth grass/rushes: no rock, trees	Smooth grass/low scrub: rock, trees
1250	158	182	Smooth grass/low scrub: rock, trees	Blanket bog/peat. veg.: no erosion, no trees
1251	163	84	Undiff. smooth grass.: rock, trees	Recently felled forestry

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Table A.3 Coding key for mosaics ordered by feature code (continued)

mosaic code	component codes		primary feature	secondary feature
	primary	secondary		
1252	155	70	Smooth grass/low scrub: no rock, no trees	Coniferous plantation (area)
1253	172	150	Undiff. bracken: rock, no trees	Smooth grass/rushes: no rock, no trees
1254	135	158	Undiff. heather moor: rock, no burning, trees	Smooth grass/low scrub: rock, trees
1255	158	135	Smooth grass/low scrub: rock, trees	Undiff. heather moor: rock, no burning, trees
1256	162	158	Undiff. smooth grass.: rock, no trees	Smooth grass/low scrub: rock, trees
1257	94	158	Imp. pasture: rock, no farms, no trees	Smooth grass/low scrub: rock, trees
1258	79	173	Undiff. mixed woodland (area)	Undiff. bracken: rock, trees
1259	183	135	Blanket bog/peat. veg.: no erosion, trees	Undiff. heather moor: rock, no burning, trees
1260	10	172	Rock and cliffs (area)	Undiff. bracken: rock, no trees
1261	95	158	Imp. pasture: rock, no farms, trees	Smooth grass/low scrub: rock, trees
1262	90	141	Imp. pasture: no rock, no farms, no trees	Undiff. Nardus/Molinia: no rock, trees
1263	120	15	Wet heather moor: no rock, no burning, no trees	Bings and refuse tips (point)
1264	79	12	Undiff. mixed woodland (area)	Quarries and opencast (area)
1265	90	171	Imp. pasture: no rock, no farms, no trees	Undiff. bracken: no rock, trees
1266	140	83	Undiff. Nardus/Molinia: no rock, no trees	Recent ploughing for forestry
1267	21	22	Transport features, road	Transport features, rail
1268	20	7	Built-up (area)	Recreational land
1269	12	162	Quarries and opencast (area)	Undiff. smooth grass.: rock, no trees
1270	112	134	Dry heather moor: no rock, burning, no trees	Undiff. heather moor: rock, no burning, no trees
1271	132	142	Undiff. heather moor: no rock, burning, no trees	Undiff. Nardus/Molinia: rock, no trees
1272	142	122	Undiff. Nardus/Molinia: rock, no trees	Wet heather moor: no rock, burning, no trees
1273	156	182	Smooth grass/low scrub: no rock, trees	Blanket bog/peat. veg.: no erosion, no trees
1274	7	79	Recreational land	Undiff. mixed woodland (area)
1275	155	212	Smooth grass/low scrub: no rock, no trees	Links area: grass
1276	155	162	Smooth grass/low scrub: no rock, no trees	Undiff. smooth grass.: rock, no trees
1277	142	132	Undiff. Nardus/Molinia: rock, no trees	Undiff. heather moor: no rock, burning, no trees
1278	160	10	Undiff. smooth grass.: no rock, no trees	Rock and cliffs (area)
1279	140	155	Undiff. Nardus/Molinia: no rock, no trees	Smooth grass/low scrub: no rock, no trees
1280	171	131	Undiff. bracken: no rock, trees	Undiff. heather moor: no rock, no burning, trees
1281	85	134	Open canopy (young plantation)	Undiff. heather moor: rock, no burning, no trees
1282	70	162	Coniferous plantation (area)	Undiff. smooth grass.: rock, no trees
1283	83	162	Recent ploughing for forestry	Undiff. smooth grass.: rock, no trees
1284	94	160	Imp. pasture: rock, no farms, no trees	Undiff. smooth grass.: no rock, no trees
1285	182	83	Blanket bog/peat. veg.: no erosion, no trees	Recent ploughing for forestry
1286	83	134	Recent ploughing for forestry	Undiff. heather moor: rock, no burning, no trees
1287	163	120	Undiff. smooth grass.: rock, trees	Wet heather moor: no rock, no burning, no trees
1288	92	82	Imp. pasture: no rock, farms, no trees	Undiff. low scrub
1289	160	135	Undiff. smooth grass.: no rock, no trees	Undiff. heather moor: rock, no burning, trees
1290	76	200	Undiff. broadleaved (area)	Wetlands: no drains, no trees
1291	79	182	Undiff. mixed woodland (area)	Blanket bog/peat. veg.: no erosion, no trees
1292	84	151	Recently felled forestry	Smooth grass/rushes: no rock, trees
1293	150	86	Smooth grass/rushes: no rock, no trees	Rhododendron scrub
1294	130	161	Undiff. heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, trees
1295	157	184	Smooth grass/low scrub: rock, no trees	Blanket bog/peat. veg.: dubh lochans
1296	157	170	Smooth grass/low scrub: rock, no trees	Undiff. bracken: no rock, no trees
1297	152	173	Smooth grass/rushes: rock, no trees	Undiff. bracken: rock, trees
1298	173	152	Undiff. bracken: rock, trees	Smooth grass/rushes: rock, no trees
1299	97	163	Imp. pasture: rock, farms, trees	Undiff. smooth grass.: rock, trees
1300	200	182	Wetlands: no drains, no trees	Blanket bog/peat. veg.: no erosion, no trees
1301	94	170	Imp. pasture: rock, no farms, no trees	Undiff. bracken: no rock, no trees

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Table A.3 Coding key for mosaics ordered by feature code (continued)

mosaic code	component codes		primary feature	secondary feature
	primary	secondary		
1302	132	170	Undiff. heather moor: no rock, burning, no trees	Undiff. bracken: no rock, no trees
1303	94	163	Imp. pasture: rock, no farms, no trees	Undiff. smooth grass.: rock, trees
1304	161	76	Undiff. smooth grass.: no rock, trees	Undiff. broadleaved (area)
1305	76	83	Undiff. broadleaved (area)	Recent ploughing for forestry
1306	141	91	Undiff. Nardus/Molinia: no rock, trees	Imp. pasture: no rock, no farms, trees
1307	141	161	Undiff. Nardus/Molinia: no rock, trees	Undiff. smooth grass.: no rock, trees
1308	160	142	Undiff. smooth grass.: no rock, no trees	Undiff. Nardus/Molinia: rock, no trees
1309	141	83	Undiff. Nardus/Molinia: no rock, trees	Recent ploughing for forestry
1310	140	161	Undiff. Nardus/Molinia: no rock, no trees	Undiff. smooth grass.: no rock, trees
1311	112	142	Dry heather moor: no rock, burning, no trees	Undiff. Nardus/Molinia: rock, no trees
1312	140	151	Undiff. Nardus/Molinia: no rock, no trees	Smooth grass/rushes: no rock, trees
1313	83	76	Recent ploughing for forestry	Undiff. broadleaved (area)
1314	10	140	Rock and cliffs (area)	Undiff. Nardus/Molinia: no rock, no trees
1315	173	134	Undiff. bracken: rock, trees	Undiff. heather moor: rock, no burning, no trees
1316	70	114	Coniferous plantation (area)	Dry heather moor: rock, no burning, no trees
1317	140	15	Undiff. Nardus/Molinia: no rock, no trees	Bings and refuse tips (point)
1318	161	183	Undiff. smooth grass.: no rock, trees	Blanket bog/peat. veg.: no erosion, trees
1319	84	79	Recently felled forestry	Undiff. mixed woodland (area)
1320	134	85	Undiff. heather moor: rock, no burning, no trees	Open canopy (young plantation)
1321	79	150	Undiff. mixed woodland (area)	Smooth grass/rushes: no rock, no trees
1322	12	182	Quarries and opencast (area)	Blanket bog/peat. veg.: no erosion, no trees
1323	171	150	Undiff. bracken: no rock, trees	Smooth grass/rushes: no rock, no trees
1324	12	140	Quarries and opencast (area)	Undiff. Nardus/Molinia: no rock, no trees
1325	134	70	Undiff. heather moor: rock, no burning, no trees	Coniferous plantation (area)
1326	83	130	Recent ploughing for forestry	Undiff. heather moor: no rock, no burning, no trees
1327	130	76	Undiff. heather moor: no rock, no burning, no trees	Undiff. broadleaved (area)
1328	3	79	Factory	Undiff. mixed woodland (area)
1329	182	70	Blanket bog/peat. veg.: no erosion, no trees	Coniferous plantation (area)
1330	83	163	Recent ploughing for forestry	Undiff. smooth grass.: rock, trees
1331	163	142	Undiff. smooth grass.: rock, trees	Undiff. Nardus/Molinia: rock, no trees
1332	70	142	Coniferous plantation (area)	Undiff. Nardus/Molinia: rock, no trees
1333	114	163	Dry heather moor: rock, no burning, no trees	Undiff. smooth grass.: rock, trees
1334	163	70	Undiff. smooth grass.: rock, trees	Coniferous plantation (area)
1335	132	161	Undiff. heather moor: no rock, burning, no trees	Undiff. smooth grass.: no rock, trees
1336	140	157	Undiff. Nardus/Molinia: no rock, no trees	Smooth grass/low scrub: rock, no trees
1337	114	90	Dry heather moor: rock, no burning, no trees	Imp. pasture: no rock, no farms, no trees
1338	172	76	Undiff. bracken: rock, no trees	Undiff. broadleaved (area)
1339	112	110	Dry heather moor: no rock, burning, no trees	Dry heather moor: no rock, no burning, no trees
1340	171	82	Undiff. bracken: no rock, trees	Undiff. low scrub
1341	134	94	Undiff. heather moor: rock, no burning, no trees	Imp. pasture: rock, no farms, no trees
1342	76	84	Undiff. broadleaved (area)	Recently felled forestry
1343	20	76	Built-up (area)	Undiff. broadleaved (area)
1344	132	90	Undiff. heather moor: no rock, burning, no trees	Imp. pasture: no rock, no farms, no trees
1345	82	81	Undiff. low scrub	Undiff. mixed woodland (point)
1346	141	182	Undiff. Nardus/Molinia: no rock, trees	Blanket bog/peat. veg.: no erosion, no trees
1347	85	142	Open canopy (young plantation)	Undiff. Nardus/Molinia: rock, no trees
1348	95	141	Imp. pasture: rock, no farms, trees	Undiff. Nardus/Molinia: no rock, trees
1349	152	158	Smooth grass/rushes: rock, no trees	Smooth grass/low scrub: rock, trees
1350	82	95	Undiff. low scrub	Imp. pasture: rock, no farms, trees
1351	172	155	Undiff. bracken: rock, no trees	Smooth grass/low scrub: no rock, no trees

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Table A.3 Coding key for mosaics ordered by feature code (continued)

mosaic code	component codes		primary feature	secondary feature
	primary	secondary		
1352	124	114	Wet heather moor: rock, no burning, no trees	Dry heather moor: rock, no burning, no trees
1353	173	156	Undiff. bracken: rock, trees	Smooth grass/low scrub: no rock, trees
1354	202	150	Wetlands: no drains, trees	Smooth grass/rushes: no rock, no trees
1355	151	155	Smooth grass/rushes: no rock, trees	Smooth grass/low scrub: no rock, no trees
1356	170	171	Undiff. bracken: no rock, no trees	Undiff. bracken: no rock, trees
1357	131	171	Undiff. heather moor: no rock, no burning, trees	Undiff. bracken: no rock, trees
1358	200	155	Wetlands: no drains, no trees	Smooth grass/low scrub: no rock, no trees
1359	143	135	Undiff. Nardus/Molinia: rock, trees	Undiff. heather moor: rock, no burning, trees
1360	141	82	Undiff. Nardus/Molinia: no rock, trees	Undiff. low scrub
1361	142	222	Undiff. Nardus/Molinia: rock, no trees	Undiff. montane veg.: rock
1362	82	173	Undiff. low scrub	Undiff. bracken: rock, trees
1363	170	182	Undiff. bracken: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
1364	116	142	Dry heather moor: rock, burning, no trees	Undiff. Nardus/Molinia: rock, no trees
1365	142	135	Undiff. Nardus/Molinia: rock, no trees	Undiff. heather moor: rock, no burning, trees
1366	151	171	Smooth grass/rushes: no rock, trees	Undiff. bracken: no rock, trees
1367	170	161	Undiff. bracken: no rock, no trees	Undiff. smooth grass.: no rock, trees
1368	171	141	Undiff. bracken: no rock, trees	Undiff. Nardus/Molinia: no rock, trees
1369	173	115	Undiff. bracken: rock, trees	Dry heather moor: rock, no burning, trees
1370	150	151	Smooth grass/rushes: no rock, no trees	Smooth grass/rushes: no rock, trees
1371	160	223	Undiff. smooth grass.: no rock, no trees	Undiff. montane veg.: no rock
1372	94	155	Imp. pasture: rock, no farms, no trees	Smooth grass/low scrub: no rock, no trees
1373	162	222	Undiff. smooth grass.: rock, no trees	Undiff. montane veg.: rock
1374	141	171	Undiff. Nardus/Molinia: no rock, trees	Undiff. bracken: no rock, trees
1375	143	153	Undiff. Nardus/Molinia: rock, trees	Smooth grass/rushes: rock, trees
1376	151	91	Smooth grass/rushes: no rock, trees	Imp. pasture: no rock, no farms, trees
1377	202	151	Wetlands: no drains, trees	Smooth grass/rushes: no rock, trees
1378	151	90	Smooth grass/rushes: no rock, trees	Imp. pasture: no rock, no farms, no trees
1379	180	170	Blanket bog/peat. veg.: erosion, no trees	Undiff. bracken: no rock, no trees
1380	115	171	Dry heather moor: rock, no burning, trees	Undiff. bracken: no rock, trees
1381	132	162	Undiff. heather moor: no rock, burning, no trees	Undiff. smooth grass.: rock, no trees
1382	162	171	Undiff. smooth grass.: rock, no trees	Undiff. bracken: no rock, trees
1383	141	151	Undiff. Nardus/Molinia: no rock, trees	Smooth grass/rushes: no rock, trees
1384	131	85	Undiff. heather moor: no rock, no burning, trees	Open canopy (young plantation)
1385	180	200	Blanket bog/peat. veg.: erosion, no trees	Wetlands: no drains, no trees
1386	223	160	Undiff. montane veg.: no rock	Undiff. smooth grass.: no rock, no trees
1387	136	172	Undiff. heather moor: rock, burning, no trees	Undiff. bracken: rock, no trees
1388	131	73	Undiff. heather moor: no rock, no burning, trees	Coniferous semi-natural (area)
1389	141	73	Undiff. Nardus/Molinia: no rock, trees	Coniferous semi-natural (area)
1390	222	172	Undiff. montane veg.: rock	Undiff. bracken: rock, no trees
1391	90	172	Imp. pasture: no rock, no farms, no trees	Undiff. bracken: rock, no trees
1392	136	140	Undiff. heather moor: rock, burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
1393	121	141	Wet heather moor: no rock, no burning, trees	Undiff. Nardus/Molinia: no rock, trees
1394	93	158	Imp. pasture: no rock, farms, trees	Smooth grass/low scrub: rock, trees
1395	172	158	Undiff. bracken: rock, no trees	Smooth grass/low scrub: rock, trees
1396	130	183	Undiff. heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, trees
1397	141	183	Undiff. Nardus/Molinia: no rock, trees	Blanket bog/peat. veg.: no erosion, trees
1398	223	183	Undiff. montane veg.: no rock	Blanket bog/peat. veg.: no erosion, trees
1399	160	157	Undiff. smooth grass.: no rock, no trees	Smooth grass/low scrub: rock, no trees
1400	70	156	Coniferous plantation (area)	Smooth grass/low scrub: no rock, trees
1401	180	155	Blanket bog/peat. veg.: erosion, no trees	Smooth grass/low scrub: no rock, no trees

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Table A.3 Coding key for mosaics ordered by feature code (continued)

mosaic code	component codes		primary feature	secondary feature
	primary	secondary		
1402	191	155	Maritime grassland: no trees	Smooth grass/low scrub: no rock, no trees
1403	182	131	Blanket bog/peat. veg.: no erosion, no trees	Undiff. heather moor: no rock, no burning, trees
1404	182	82	Blanket bog/peat. veg.: no erosion, no trees	Undiff. low scrub
1405	141	84	Undiff. Nardus/Molinia: no rock, trees	Recently felled forestry
1406	97	152	Imp. pasture: rock, farms, trees	Smooth grass/rushes: rock, no trees
1407	10	222	Rock and cliffs (area)	Undiff. montane veg.: rock
1408	79	124	Undiff. mixed woodland (area)	Wet heather moor: rock, no burning, no trees
1409	79	134	Undiff. mixed woodland (area)	Undiff. heather moor: rock, no burning, no trees
1410	76	131	Undiff. broadleaved (area)	Undiff. heather moor: no rock, no burning, trees
1411	70	121	Coniferous plantation (area)	Wet heather moor: no rock, no burning, trees
1412	21	79	Transport features, road	Undiff. mixed woodland (area)
1413	212	70	Links area: grass	Coniferous plantation (area)
1414	222	140	Undiff. montane veg.: rock	Undiff. Nardus/Molinia: no rock, no trees
1415	70	180	Coniferous plantation (area)	Blanket bog/peat. veg.: erosion, no trees
1416	91	121	Imp. pasture: no rock, no farms, trees	Wet heather moor: no rock, no burning, trees
1417	135	150	Undiff. heather moor: rock, no burning, trees	Smooth grass/rushes: no rock, no trees
1418	79	120	Undiff. mixed woodland (area)	Wet heather moor: no rock, no burning, no trees
1419	73	121	Coniferous semi-natural (area)	Wet heather moor: no rock, no burning, trees
1420	73	125	Coniferous semi-natural (area)	Wet heather moor: rock, no burning, trees
1421	161	182	Undiff. smooth grass.: no rock, trees	Blanket bog/peat. veg.: no erosion, no trees
1422	124	160	Wet heather moor: rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
1423	162	70	Undiff. smooth grass.: rock, no trees	Coniferous plantation (area)
1424	135	142	Undiff. heather moor: rock, no burning, trees	Undiff. Nardus/Molinia: rock, no trees
1425	135	180	Undiff. heather moor: rock, no burning, trees	Blanket bog/peat. veg.: erosion, no trees
1426	134	27	Undiff. heather moor: rock, no burning, no trees	Snow cover
1427	222	27	Undiff. montane veg.: rock	Snow cover
1428	134	157	Undiff. heather moor: rock, no burning, no trees	Smooth grass/low scrub: rock, no trees
1429	90	158	Imp. pasture: no rock, no farms, no trees	Smooth grass/low scrub: rock, trees
1430	93	150	Imp. pasture: no rock, farms, trees	Smooth grass/rushes: no rock, no trees
1431	76	170	Undiff. broadleaved (area)	Undiff. bracken: no rock, no trees
1432	70	79	Coniferous plantation (area)	Undiff. mixed woodland (area)
1433	200	180	Wetlands: no drains, no trees	Blanket bog/peat. veg.: erosion, no trees
1434	10	135	Rock and cliffs (area)	Undiff. heather moor: rock, no burning, trees
1435	151	141	Smooth grass/rushes: no rock, trees	Undiff. Nardus/Molinia: no rock, trees
1436	156	86	Smooth grass/low scrub: no rock, trees	Rhododendron scrub
1437	5	71	Golf course	Coniferous plantation (line)
1438	79	135	Undiff. mixed woodland (area)	Undiff. heather moor: rock, no burning, trees
1439	156	140	Smooth grass/low scrub: no rock, trees	Undiff. Nardus/Molinia: no rock, no trees
1440	85	124	Open canopy (young plantation)	Wet heather moor: rock, no burning, no trees
1441	161	120	Undiff. smooth grass.: no rock, trees	Wet heather moor: no rock, no burning, no trees
1442	180	160	Blanket bog/peat. veg.: erosion, no trees	Undiff. smooth grass.: no rock, no trees
1443	85	182	Open canopy (young plantation)	Blanket bog/peat. veg.: no erosion, no trees
1444	85	161	Open canopy (young plantation)	Undiff. smooth grass.: no rock, trees
1445	135	160	Undiff. heather moor: rock, no burning, trees	Undiff. smooth grass.: no rock, no trees
1446	135	156	Undiff. heather moor: rock, no burning, trees	Smooth grass/low scrub: no rock, trees
1447	191	19	Maritime grassland: no trees	Water (point)
1448	163	131	Undiff. smooth grass.: rock, trees	Undiff. heather moor: no rock, no burning, trees
1449	134	223	Undiff. heather moor: rock, no burning, no trees	Undiff. montane veg.: no rock
1450	142	163	Undiff. Nardus/Molinia: rock, no trees	Undiff. smooth grass.: rock, trees
1451	183	79	Blanket bog/peat. veg.: no erosion, trees	Undiff. mixed woodland (area)

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Table A.3 Coding key for mosaics ordered by feature code (continued)

mosaic code	component codes		primary feature	secondary feature
	primary	secondary		
1452	131	160	Undiff. heather moor: no rock, no burning, trees	Undiff. smooth grass.: no rock, no trees
1453	143	173	Undiff. Nardus/Molinia: rock, trees	Undiff. bracken: rock, trees
1454	76	180	Undiff. broadleaved (area)	Blanket bog/peat. veg.: erosion, no trees
1455	158	163	Smooth grass/low scrub: rock, trees	Undiff. smooth grass.: rock, trees
1456	170	90	Undiff. bracken: no rock, no trees	Imp. pasture: no rock, no farms, no trees
1457	134	141	Undiff. heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, trees
1458	170	180	Undiff. bracken: no rock, no trees	Blanket bog/peat. veg.: erosion, no trees
1459	70	83	Coniferous plantation (area)	Recent ploughing for forestry
1460	79	84	Undiff. mixed woodland (area)	Recently felled forestry
1461	182	122	Blanket bog/peat. veg.: no erosion, no trees	Wet heather moor: no rock, burning, no trees
1462	130	141	Undiff. heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, trees
1463	124	172	Wet heather moor: rock, no burning, no trees	Undiff. bracken: rock, no trees
1464	120	170	Wet heather moor: no rock, no burning, no trees	Undiff. bracken: no rock, no trees
1465	184	140	Blanket bog/peat. veg.: dubh lochans	Undiff. Nardus/Molinia: no rock, no trees
1466	122	142	Wet heather moor: no rock, burning, no trees	Undiff. Nardus/Molinia: rock, no trees
1467	122	160	Wet heather moor: no rock, burning, no trees	Undiff. smooth grass.: no rock, no trees
1468	172	124	Undiff. bracken: rock, no trees	Wet heather moor: rock, no burning, no trees
1469	202	18	Wetlands: no drains, trees	Water (area)
1470	76	130	Undiff. broadleaved (area)	Undiff. heather moor: no rock, no burning, no trees
1471	131	155	Undiff. heather moor: no rock, no burning, trees	Smooth grass/low scrub: no rock, no trees
1472	134	161	Undiff. heather moor: rock, no burning, no trees	Undiff. smooth grass.: no rock, trees
1473	70	10	Coniferous plantation (area)	Rock and cliffs (area)
1474	182	114	Blanket bog/peat. veg.: no erosion, no trees	Dry heather moor: rock, no burning, no trees
1475	183	163	Blanket bog/peat. veg.: no erosion, trees	Undiff. smooth grass.: rock, trees
1476	162	143	Undiff. smooth grass.: rock, no trees	Undiff. Nardus/Molinia: rock, trees
1477	95	150	Imp. pasture: rock, no farms, trees	Smooth grass/rushes: no rock, no trees
1478	70	163	Coniferous plantation (area)	Undiff. smooth grass.: rock, trees
1479	27	222	Snow cover	Undiff. montane veg.: rock
1480	173	114	Undiff. bracken: rock, trees	Dry heather moor: rock, no burning, no trees
1481	79	10	Undiff. mixed woodland (area)	Rock and cliffs (area)
1482	113	70	Dry heather moor: no rock, burning, trees	Coniferous plantation (area)
1483	223	132	Undiff. montane veg.: no rock	Undiff. heather moor: no rock, burning, no trees
1484	161	200	Undiff. smooth grass.: no rock, trees	Wetlands: no drains, no trees
1485	170	200	Undiff. bracken: no rock, no trees	Wetlands: no drains, no trees
1486	171	202	Undiff. bracken: no rock, trees	Wetlands: no drains, trees
1487	122	182	Wet heather moor: no rock, burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
1488	171	136	Undiff. bracken: no rock, trees	Undiff. heather moor: rock, burning, no trees
1489	156	222	Smooth grass/low scrub: no rock, trees	Undiff. montane veg.: rock
1490	10	70	Rock and cliffs (area)	Coniferous plantation (area)
1491	156	202	Smooth grass/low scrub: no rock, trees	Wetlands: no drains, trees
1492	78	82	Undiff. broadleaved (point)	Undiff. low scrub
1493	155	171	Smooth grass/low scrub: no rock, no trees	Undiff. bracken: no rock, trees
1494	200	170	Wetlands: no drains, no trees	Undiff. bracken: no rock, no trees
1495	83	136	Recent ploughing for forestry	Undiff. heather moor: rock, burning, no trees
1496	27	223	Snow cover	Undiff. montane veg.: no rock
1497	115	202	Dry heather moor: rock, no burning, trees	Wetlands: no drains, trees
1498	111	155	Dry heather moor: no rock, no burning, trees	Smooth grass/low scrub: no rock, no trees
1499	156	200	Smooth grass/low scrub: no rock, trees	Wetlands: no drains, no trees
1500	171	114	Undiff. bracken: no rock, trees	Dry heather moor: rock, no burning, no trees
1501	200	76	Wetlands: no drains, no trees	Undiff. broadleaved (area)

Appendix B: Technical description of the dataset.

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B.2. Formats and media for publishing the dataset	B9

B.1. Metadata

Dataset name	Land Cover of Scotland (1988) Digital Dataset	
Scale	1:25 000	
Data source	Air photo interpretation. 1:24 000 scale panchromatic photography flown during 1987 and 1988. API transferred onto 1:25 000 scale base maps (OS Pathfinder Series) using Sketchmaster	
Source document accuracies	Feature resolution in photography	
	Points	10 m minimum size; 2 ha maximum size
	Lines	50 m minimum width; 200 m minimum length
	Polygons	Minimum polygon size related to category:
		2 ha : woodland classes
		5 ha : agricultural classes
		10 ha : semi — natural habitats
Data capture	Feature positioning on maps	
	Points	+/- 12.5 m
	Lines	+/- 12.5 m
	Polygons	polygon boundaries +/-12.5 m
	Input scale	1:25 000
	Digitising system	TYDAC SPANS [®] , TYDIG [®] , system
Data checking	Digitising table	+/- 0.03 mm locational resolution
	Digitising projection	Modified Transverse Mercator
	Reference grid system	OS National Grid
	Polygon topology	Checked during digitising; rebuilt for Release 2, using ARC/INFO routines
	Feature codes	1. Software check for valid feature code (point, line, polygon)
		2. Visual and software check — topology complete
		3. Visual check — correct codes assigned
		4. Visual check — digital boundaries contained within data source boundaries

Dataset name	Land Cover of Scotland (1988) Digital Dataset Release 1		
Digital Data	Format	SPANS Vector (.VEC, .VEH)	
	Scale	1:25 000	
	Feature codes	Land cover classes	
	Feature attributes	None	
	Topology	Polygons topologically coded within each 10 km x 10 km tile	
	Feature coding	Points	Land cover class codes
		Lines	Land cover class codes
		Polygons	Left/right coding of arcs, centroids link to topology
	Resolution (absolute accuracy)	Points	+/- 28 m
		Lines	+/- 28 m
		Polygons	+/- 28 m
	Indexing	Spatial — by Ordnance Survey Pathfinder Series (10 km x 10 km and 10 km x 20 km sheets)	
	Generalisation	none	
	Coordinate projection	OS National Grid (Airey Spheroid) Data are located as tablet coordinates in tablet units	
	Measurement units	metres	
	Precision	Computer	single
		Absolute	Coordinates reported to the nearest metre; for accuracy see above.

Dataset name	Land Cover of Scotland (1988) Digital Dataset Release 1		
Digital Data	Format	ERDAS raster	
	Nominal scale	1:25 000	
	Pixel resolution	50 m Generated from SPANS quadtree model of SPANS vector format polygon data; nominal minimum quad size less than 15 m (10 m — 15 m). 50m raster dataset generated using nearest neighbour resampling algorithm in ERDAS image processing software.	
	Pixel values	Land cover classes	
	Feature attributes	None	Pixels coded as land cover classes
	Topology	No topology in raster image	
	Feature coding	Points	Not present in raster dataset
		Lines	Not present in raster dataset
		Polygons	Feature codes are pixel values (16 bit)
	Resolution (absolute accuracy)	Polygons	+/- 50 m
	Indexing	Spatial — by Ordnance Survey Pathfinder Series (10 km x 10 km and 10 km x 20 km sheets)	
	Generalisation	1:25 000	Location precision reduced; features generalised by resampling process
	Coordinate projection	OS National Grid (Airey Spheroid) : LANDSAT Thematic Mapper Projection. Data are located by row and column position in the raster and georeferenced by relation to the grid reference of the bottom left corner of the sheet/tile in SPANS	
	Measurement units	pixels	
	Precision	computer	pixel values are 16 bit
		absolute	pixel location referenced to OS National Grid; for accuracy see above.

Dataset name	Land Cover of Scotland (1988) Digital Dataset Release 1		
Digital Data	Format	SPANS Quadtree	
	Pixel resolution	between 10 m and 15 m generated from SPANS quadtree model of SPANS vector format polygon data.	
	Pixel values	Land cover classes	
	Feature attributes	None	Quads coded as Land Cover Classes
	Topology	No feature topology in quadtree	
	Feature coding	Points	not present in quadtree dataset
		Lines	not present in quadtree dataset
		Polygons	feature codes are quadtree values
	Resolution (absolute accuracy)	Polygons	+/- 28 m
	Indexing	Spatial — by Ordnance Survey Pathfinder Series (10 km x 10 km and 10 km x 20 km sheets)	
	Generalisation	1:25 000	Location precision falsely increased; no other generalisation.
	Coordinate projection	Modified Transverse Mercator OS National Grid (Airey Spheroid) Data are located as geographic co-ordinates in metres	
	Measurement units	metres	
	Precision	Computer	single
		Absolute	Quadtree locations referenced to GB National Grid; for accuracy see above.

Dataset name	Land Cover of Scotland (1988) Digital Dataset Release 2		
Digital Data	Format	ARC/INFO vector (.e00 Export format)	
	Scale	1: 25 000	
	Feature codes	Land cover classes	
	Feature attributes	<p>polygons: area, perimeter, internal-ID, user-ID, LCS88 code</p> <p>lines: from-node #, to-node #, length, internal-ID, user-ID, LCS88 code</p> <p>points: internal-ID, user-ID, LCS88 code</p>	
	Topology	<p>Polygons topologically coded within each 10 km x 10 km tile</p> <p>Lines intersect at nodes.</p> <p>Points</p>	
	Feature coding	Points	Land cover class codes
		Lines	Land cover class codes
		Polygons	Land cover class codes
	Resolution (absolute accuracy)	Points	+/- 28 m
		Lines	+/- 28 m
		Polygons	+/- 28 m
	Indexing	<p>Spatial — by Ordnance Survey Pathfinder Series (10 km x 10 km and 10 km x 20 km sheets)</p>	
	Generalisation	ARC "Clean" and "Clip" fuzzy tolerance 1. 3 m	
	Coordinate projection	<p>Modified Transverse Mercator OS National Grid (Airey Spheroid) Data are located as geographic co-ordinates in metres</p>	
	Measurement units	metres	
	Precision	Computer	single
		Absolute	Referenced to GB National Grid; for accuracy see above.

Dataset name	Land Cover of Scotland (1988) Digital Dataset Release 2		
Digital Data	Format	TIFF raster (Intel)	
	Pixel resolution	20 m; generated from ARC/INFO Grid, following vector to raster conversion	
	Pixel values	Land cover classes	
	Feature Attributes	None.	Pixels coded as Land Cover Classes
	Topology	None	
	Feature coding	Points	not present in raster dataset
		Lines	not present in raster dataset
		Polygons	feature codes are pixel values (16 bit)
	Resolution (absolute accuracy)	+/- 20 m	
	Generalisation	1:25 000	Location precision reduced; features generalised by resampling process
	Coordinate Projection	OS National Grid (Airey Spheroid) : LANDSAT Thematic Mapper Projection. Data are located by row and column position in the raster and georeferenced by relation to the grid reference of the bottom left corner of the sheet/tile in SPANS	
	Measurement units	pixels	
	Precision	computer	pixel values are 16 bit
		absolute	pixel location referenced to OS National Grid; for accuracy see above.

B.2. Formats and media for publishing the dataset.

1. Formats

1.1 Release 1: Un-edgematched, as digitised:

- Vector:** SPANS VEC/VEH
6 files per tile (2 files each for area, line and point features).
- Raster:**
- (i) Areal features: ERDAS Version 7.5, 50 metre pixels, 1 file per tile, per region or a single file for the whole dataset.
 - (ii) Linear features: not supplied
 - (iii) Point features: ASCII text; 1 file per tile, per region, or a single file for the whole dataset.

1.2 Release 2: Edgematched data:

- Vector:** ARC/INFO Version 6.0.1 export; 3 files per tile (points, lines, polygons)
- Raster:** 16 bit TIFF

2. Media

- (a) 3.5" diskette: IBM-Compatible PC format. Self-unpacking program and data
- (b) DAT: UNIX cpio or tar
- (c) EXABYTE tape: UNIX cpio or tar
- (d) 9 track, 1/2" tape: UNIX cpio ANSI; 1600 or 6250 bpi
- (e) Optical (WORM) disc: This medium is being used for long-term backup. It will be made available to users if required.
- (f) CD-ROM: This will be made available, if required.

Appendix C: Validation exercise

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Table 1. Land cover classification hierarchy. The land cover code is that used during the interpretation process. The hierarchy code was assigned for the purpose of the analysis of the validation.

Hierarchy Code	Description	Land Cover Code	Hierarchy Code	Description	Land Cover Code
1000	Semi-natural ground vegetation		1330	Undiff. smooth grassland	
1100	Heather and dwarf shrub heathland		1331	no rock: no trees	160
1110	Dry heather moor		1332	no rock: trees	161
1111	no rock: no burning: no trees	110	1333	rock: no trees	162
1112	no rock: no burning: trees	111	1334	rock: trees	163
1113	no rock: burning: no trees	112	1340	Undiff. bracken	
1114	no rock: burning: trees	113	1341	no rock: no trees	170
1115	rock: no burning: no trees	114	1342	no rock: trees	171
1116	rock: no burning: trees	115	1343	rock: no trees	172
1117	rock: burning: no trees	116	1344	rock: trees	173
1118	rock: burning: trees	117	1400	Blanket bog and other peatland vegetation	
1120	Wet heather moor		1410	Undiff. blanket bog	
1121	no rock: no burning: no trees	120	1411	erosion: no trees	180
1122	no rock: no burning: trees	121	1412	erosion: trees	181
1123	no rock: burning: no trees	122	1413	no erosion: no trees	182
1124	no rock: burning: trees	123	1414	no erosion: trees	183
1125	rock: no burning: no trees	124	1420	Blanket bog with dubh lochans	184
1126	rock: no burning: trees	125	1430	Undiff. blanket bog (exploited)	
1127	rock: burning: no trees	126	1431	Industrial peat workings	185
1128	rock: burning: trees	127	1432	Other peat workings	186
1130	Undiff. heather moor		1500	Undiff. salt marsh	
1131	no rock: no burning: no trees	130	1510	Undiff. salt marsh	
1132	no rock: no burning: trees	131	1511	no trees	190
1133	no rock: burning: no trees	132	1600	Maritime grasslands and heaths	191
1134	no rock: burning: trees	133	1700	Wetlands	
1135	rock: no burning: no trees	134	1710	Wetlands	
1136	rock: no burning: trees	135	1711	no drains: no trees	200
1137	rock: burning: no trees	136	1712	no drains: trees	201
1138	rock: burning: trees	137	1713	drains: no trees	202
1200	Undiff. coarse grassland		1714	drains: trees	203
1210	Undiff. coarse grassland (Nardus/Molinia)		1800	Dunelands	
1211	no rock: no trees	140	1810	Bare dunes	210
1212	no rock: trees	141	1820	Partially stabilised dunes	211
1213	rock: no trees	142	1830	Links with grassland	212
1214	rock: trees	143	1840	Links with heathland	213
1300	Smooth grassland		1900	Montane vegetation	
1310	Smooth grassland with rushes		1910	Undiff. montane vegetation	
1311	no rock: no trees	150	1911	no rocks	222
1312	no rock: trees	151	1912	rocks	223
1313	rock: no trees	152	2000	Woodland	
1314	rock: trees	153	2100	Coniferous woodland	
1320	Smooth grassland with low scrub		2110	Plantations	
1321	no rock: no trees	155	2111	mapped as a definite area	70
1322	no rock: trees	156	2112	mapped as a line	71
1323	rock: no trees	157	2113	mapped as a point	72
1324	rock: trees	158			

continued on next page

Table 1. Land cover classification hierarchy. (continued)

Hierarchy Code	Description	Land Cover Code	Hierarchy Code	Description	Land Cover Code
2120	Semi-natural		4200	Miscellaneous developed features	
2121	mapped as a definite area	73	4210	Factories	3
2122	mapped as a line	74	4220	Airfields	4
2123	mapped as a point	75	4230	Golf courses	5
2200	Undiff. Broadleaved woodland		4240	Cemeteries	6
2210	Undiff. Broadleaved woodland		4250	Recreational land	7
2211	mapped as a definite area	76	5000	Bare ground	
2212	mapped as a line	77	5100	Miscellaneous bare ground	
2213	mapped as a point	78	5110	Cliffs, bare rock, crags and screes	
2300	Undiff. Mixed woodland		5111	mapped as an area	10
2310	Undiff. Mixed woodland		5112	mapped as a point	11
2311	mapped as a definite area	79	5120	Quarries and opencast	
2312	mapped as a line	80	5121	mapped as an area	12
2313	mapped as a point	81	5122	mapped as a point	13
2400	Undiff. low scrub	82	5130	Bings and refuse tips	
2500	Management features		5131	mapped as an area	14
2510	Management features		5132	mapped as a point	15
2511	Recent ploughing (unknown tree)	83	5140	Paths	
2512	Recent felling (unknown tree)	84	5141	mapped as a line	16
2513	Open canopy (young plantation)	85	5150	Hill-roads	
2514	Forestry ripping	87	5151	mapped as a line	17
2600	Rhododendron scrub		5160	Water	
2610	Rhododendron scrub	86	5161	mapped as an area	18
3000	Agricultural land		5162	mapped as a point	19
3100	Agricultural land		6000	Miscellaneous features	
3110	Improved pasture		6100	Built-up land	20
3111	no rock: no farms: no trees	90	6200	Transport features	
3112	no rock: no farms: trees	91	6210	Road	21
3113	no rock: farms: no trees	92	6220	Rail	22
3114	no rock: farms: trees	93	6300	Estuary, below normal tide limit	24
3115	rock: no farms: no trees	94	6400	No photo cover	25
3116	rock: no farms: trees	95	6500	Cloud-obscured areas	26
3117	rock: farms: no trees	96	6600	Snow-obscured areas	27
3118	rock: farms: trees	97	6700	Ski area	28
3120	Arable		6800	Built-up land (lines and points)	29
3121	no rock: no farms: no trees	100			
3122	no rock: no farms: trees	101			
3123	no rock: farms: no trees	102			
3124	no rock: farms: trees	103			
3125	rock: no farms: no trees	104			
3126	rock: no farms: trees	105			
3127	rock: farms: no trees	106			
3128	rock: farms: trees	107			
4000	Farms and developed rural land				
4100	Isolated farms and other buildings				
4110	Isolated farms and other buildings				
4111	with no trees	1			
4112	with trees	2			

Level	p	$se(p)$	95% c.i.
1	3.89	0.65	2.81, 5.39
2	34.19	1.88	30.72, 38.07
3	39.49	1.86	36.01, 43.31
4	44.92	1.98	41.20, 48.98

p = percentage of errors; $se(p)$ = standard error of p .

Table 2. Mean confusion rate by hierarchy level.

Level	p	$se(p)$	95% c.i.
1	2.62	0.56	1.73, 3.96
2	16.11	1.43	13.54, 19.15
3	21.66	1.53	18.85, 24.87
4	29.30	2.00	25.62, 33.50

p = percentage of errors; $se(p)$ = standard error of p .

Table 3. Mean error rate by hierarchy level.

Level	p	$se(p)$	95% c.i.
1	0.01	0.01	0.00, 0.04
2	1.25	0.41	0.67, 2.36
3	2.02	0.47	1.29, 3.18
4	6.43	0.94	4.84, 8.54

p = percentage of errors; $se(p)$ = standard error of p .

Table 4. Mean contradiction rate by hierarchy level.

	0	1	1	1	1	1	2	2	3	3	3	4	4	4	5	5	6	commission
			2	3	5	6		1		1	2		1	2		1		Total %
1	1	1600	18	5	5	.	23	3	25	30	.	.	.	.	5	6	.	1721 7
1 2	.	3	2	.	.	.	1	.	.	.	.	.	.	.	.	.	.	6 67
1 3	.	4	.	3	.	.	.	.	.	2	.	.	.	.	.	.	.	9 67
1 5	.	2	.	.	3	.	.	.	.	.	.	.	.	.	.	.	.	5
1 6	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	1
2	14	16	.	.	.	.	945	3	2	.	.	.	.	.	.	.	.	980 4
2 1	.	2	1	.	.	.	4	2	.	.	.	.	.	.	.	.	.	9 78
3	3	16	.	3	.	.	1	.	419	27	.	1	.	.	.	.	.	470 11
3 1	.	23	.	1	.	.	.	.	11	29	.	.	.	.	.	.	.	64 55
3 2	.	1	.	.	.	.	.	.	.	2	3	.	.	.	.	.	.	6 50
4	3	.	.	.	.	.	.	.	.	.	.	340	.	1	.	.	.	344 1
4 1	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	1
4 2	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	1
5	10	7	.	.	.	.	.	.	.	.	.	2	.	.	303	.	.	322 6
5 1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	2
6	.	.	.	.	.	.	.	.	.	.	.	4	.	.	.	.	58	62 6
Total	31	1674	21	12	8	1	974	8	457	90	3	347	1	2	308	8	58	
omission %	100	4	90	75	63		3	75	8	68		2			2	75	0	

Sample size : 4003

Rate	Estimate(%)	Std-error	95% c.i.
Confusion rate	5.90	0.42	(5.13, 6.78)
Error rate	4.00	0.36	(3.36, 4.76)
Contradiction rate	0.02	0.02	(0.00, 0.13)

Legend

Code in table	Land cover feature (level 1 hierarchy)
1	semi-natural ground vegetation
2	woodland
3	agricultural land
4	farms and developed rural land
5	bare ground
6	miscellaneous features

Table 5. Confusion matrix of all features at the top level (level 1 of the hierarchy).

Table 6. Confusion matrix for semi-natural ground vegetation (level 2 of the hierarchy)

	11	11	11	11	11	11	11	11	11	12	12	12	12	12	12	12	12	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	14	14	14	14	14	14	14	15	16	16	17	17	17	17	18	18	19	19	19	commission
	12	13	14	21	22	24	25	51	11	13	14	19	24	31	51	11	12	14	16	17	21	24	25	31	51	61	11	12	13	19	31	51	11	12	13	19	31	51	51	13	22	24	24	11	14	Total	%					
11	205	17	20	34	.	.	3	.	.	2	5	1	1	.	.	1	2	1	1	9	6	3	1	2	314	35		
11 12	5	22	6	4	5	11	8	5	1	.	.	1	1	4	1	2	1	1	.	78	72				
11 13	9	8	26	3	.	.	3	.	.	.	2	7	1	.	.	.	5	5	1	1	.	.	1	72	64				
11 14	15	10	5	94	3	5	1	11	1	3	18	43	4	3	1	3	220	57					
11 16	1	1	2						
11 19	3	2	1	1	.	.	7	100				
11 21	.	.	.	1	1						
11 25	.	1	1	2						
11 51	1	1						
12	1	2	29	1	7	2	.	.	.	13	2	3	.	.	.	1	3	64	55				
12 11	1	2	1	2	8	10	2	1	2	2	31	68					
12 13	.	.	1	3	.	12	7	.	5	1	29	59				
12 14	.	.	.	3	3	1	.	4	1	2	1	2	17	76				
12 31	1	1	.	.	1	3						
13	2	1	6	8	.	12	.	.	1	.	224	16	11	3	.	1	.	.	3	1	.	3	2	.	1	.	.	1	2	297	25				
13 11	2	1	1	.	1	1	1	7	8	1	1	2	.	1	.	1	.	.	1	28	71				
13 12	3	.	3	6	.	3	1	16	81					
13 14	2	1	.	2	.	2	7	100					
13 18	1						
13 19	1	1						
13 24	2	2						
13 31	2	2	4						
13 51	1	1						
14	1	.	.	1	2	.	.	1	.	.	.	5	1	.	201	5	1	5	1	1	225	11				
14 11	2	4	.	5	2	1	.	4	1	29	37	2	1	1	2	.	91	59				
14 12	.	.	.	1	1	.	.	2	4	.	1	.	1	.	.	1	10	90				
14 19	1	2	.	.	.	2	1	.	6	67				
14 51	2						
15	3						
16	1	2						
17	4	1	16	50					
17 13	2						
18	1	.	.	.	1	10	30					
18 61	1	1						
19	.	1	.	1	2	2	1	1	26	1	8	43	40			
19 11	1	2	.	1	1	4	.	9	100			
19 14	4	.	1	1	1	.	2	1	.	.	.	1	2	.	13	26	50			
19 51	1	1					
Total	253	74	67	150	1	1	6	1	1	73	41	54	34	1	1	1	2	284	34	26	8	1	1	1	3	3	6	2	1	283	99	12	14	6	1	2	2	1	1	11	2	1	1	9	1	39	2	27				
omission %	19	70	61	37			100			60	76	78	88				21	76	88	100						67			29	63	92	100	67										27		22	33	52					

(continued on next page)

Sample size : 1645

<i>Rate</i>	<i>Estimate(%)</i>	<i>Std-error</i>	<i>95% c.i.</i>
Confusion rate	36.41	1.37	(33.82, 39.20)
Error rate	14.41	0.96	(12.65, 16.41)
Contradiction rate	1.40	0.29	(0.93, 2.10)

Legend

<i>Code in table</i>	<i>Land cover feature (level 2 hierarchy)</i>
11	heather and dwarf shrub heathland
12	undifferentiated coarse grassland
13	smooth grassland
14	blanket bog and other peat vegetation
15	undifferentiated salt marshes
16	maritime grassland and heaths
17	wetlands
18	dunelands
19	montane vegetation
21	coniferous woodland
22	undifferentiated broadleaved woodland
24	undifferentiated low scrub
25	management features (woodland)
31	agricultural land
51	miscellaneous bare ground
61	built-up land

Table 6. Confusion matrix for semi-natural ground vegetation (continued).

		0	21	22	22	22	23	24	24	24	25	commission	
					11	13			13	25		Total	%
21		.	295	7	.	.	17	1	.	1	3	324	9
21	22	.	.	.	.	.	1	.	.	.	.	1	
22		12	11	274	.	1	22	1	.	.	.	321	15
22	11	.	.	.	1	.	.	.	.	.	.	1	
22	13	.	.	1	.	1	.	.	.	.	.	2	
23		1	20	46	.	.	87	1	.	.	.	155	44
24		.	.	2	.	.	1	9	1	.	.	13	31
25		1	13	.	.	.	2	1	1	.	130	148	12
25	11	.	.	.	.	.	.	.	.	.	3	3	
Total		14	339	330	1	2	130	13	2	1	136		
omission %		100	13	17			33	31			4		

Sample size : 968

	Rate	Estimate(%)	Std-error	95% c.i.
Confusion rate		15.29	1.25	(13.04, 17.93)
Error rate		14.67	1.22	(12.46, 17.27)
Contradiction rate		0.00	0.00	(0.00, 0.00)

Legend

Code in table	Land cover feature (level 2 hierarchy)
0	not recorded
11	heather and dwarf scrub heathland
13	smooth grassland
21	coniferous woodland
22	undifferentiated broadleaved woodland
23	undifferentiated mixed woodland
24	undifferentiated low scrub
25	management features (woodland)

Table 7. Confusion matrix for woodland features (level 2 of the hierarchy).

		31 12	31 13	31 14	31 17	31 18	31 24	commission Total	%
31		419	2	24	.	1	.	446	6
31	12	1	1	1	.	.	.	4	
31	13	10	.	24	.	.	.	34	29
31	14	.	.	.	1	.	.	1	
31	18	.	.	.	.	1	.	1	
31	24	.	.	2	.	.	3	5	
Total		430	3	51	2	1	1	3	
omission %		3		53					

Sample size : 491

	Rate	Estimate(%)	Std-error	95% c.i.
Confusion rate		6.92	1.16	(4.99, 9.61)
Error rate		0.00	0.00	(0.00, 0.00)
Contradiction rate		0.00	0.00	(0.00, 0.00)

Legend

Code in table	Land cover feature (level 2 hierarchy)
12	undifferentiated coarse grassland
13	smooth grassland
14	blanket bog and other peatland vegetation
17	wetlands
18	dunelands
24	undifferentiated low scrub

Table 8. Confusion matrix for agricultural land (level 2 of the hierarchy)

		41	42	42	42	42	commission	
				13	21	22	Total	%
41		320	.	.	.	.	320	0
42		.	20	.	1	.	21	5
42	13	.	.	1	.	.	1	
42	22	.	.	.	.	1	1	
Total		320	20	1	1	1		
omission	%	0	0					

Sample size : 343

Rate	Estimate(%)	Std-error	95% c.i.
Confusion rate	0.29	0.29	(0.06, 1.48)
Error rate	0.00	0.00	(0.00, 0.00)
Contradiction rate	0.00	0.00	(0.00, 0.00)

Legend

Code in table	Land cover feature (level 2 hierarchy)
13	smooth grassland
21	coniferous woodland
22	undifferentiated broadleaved woodland
41	isolated farms and other buildings
42	miscellaneous developed features

Table 9. Confusion matrix for farms and developed rural land (level 2 of the hierarchy).

		51	51	51	commission	
		13	14	Total	%	
51		303	.	.	303	0
51	13	.	1	.	1	
51	14	.	.	1	1	
	Total	303	1	1		
omission	%	0				

Sample size : 305

<i>Rate</i>	<i>Estimate(%)</i>	<i>Std-error</i>	<i>95% c.i.</i>
Confusion rate	0.00	0.00	(0.00, 0.00)
Error rate	0.00	0.00	(0.00, 0.00)
Contradiction rate	0.00	0.00	(0.00, 0.00)

Legend

<i>Code in table</i>	<i>Land cover feature (level 2 hierarchy)</i>
13	smooth grassland
14	blanket bog and other peatland vegetation
51	miscellaneous bare ground

Table 10. Confusion matrix for bare ground (level 2 of the hierarchy)

	61	62	66	68	commission	
	Total				%	
61	38	.	.	.	38	0
62	.	2	.	.	2	
66	.	.	1	.	1	
68	2	.	.	15	17	12
Total	40	2	1	15		
omission %	5	0				

Sample size : 58

<i>Rate</i>	<i>Estimate(%)</i>	<i>Std-error</i>	<i>95% c.i.</i>
Confusion rate	3.45	2.40	(1.00, 11.84)
Error rate	3.45	2.40	(1.00, 11.84)
Contradiction rate	0.00	0.00	(0.00, 0.00)

Legend

<i>Code in table</i>	<i>Land cover feature (level 2 hierarchy)</i>
61	built-up land
62	transport features
66	snow-obscured areas
68	built-up land (line or point)

Table 11. Confusion matrix for miscellaneous features (level 2 of the hierarchy).

Table 12. Confusion matrix for heather and dwarfshrub heathland (level 3 of the hierarchy).

	111	111	111	111	111	111	111	111	111	111	112	112	112	112	112	113	113	113	113	113	113	113	113	113	113	113	commission
	112	121	131	133	134	141	211	240	511		113	121	131	141		112	121	131	133	134	141	143	240	251	Total	%	
111	89	1	2	1	1	5	2	.	2	.	2	.	.	.	10	.	.	.	.	.	1	.	.	.	116	23
111 112	.	1	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	2	
111 121	2	.	1	.	1	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	1	.	.	.	6	83
111 131	.	.	.	2	.	1	1	.	.	.	.	.	.	.	1	.	1	.	.	.	.	.	.	.	6	67
111 133	3	.	1	.	4	1	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	10	60
111 134	1	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	
111 141	2	.	.	.	.	.	3	.	.	.	.	.	.	.	.	.	1	.	.	.	2	.	.	.	8	63
111 191	3	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3	
111 211	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	
111 251	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	
112	1	.	.	.	.	.	.	.	.	.	9	.	1	2	1	2	.	.	.	.	.	1	.	.	17	47
112 121	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	1	
112 131	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	1	
112 141	.	.	.	.	.	.	.	.	.	.	2	.	.	.	19	2	.	1	.	.	9	.	.	.	33	42
113	21	.	1	1	1	2	1	.	.	.	6	1	2	.	4	59	1	11	3	1	3	23	1	1	143	59	
113 112	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	1	
113 121	.	.	1	.	.	1	.	.	.	.	.	.	2	.	1	3	.	17	.	2	1	2	.	.	30	43
113 131	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	4	1	.	1	.	.	8	50
113 132	.	.	.	.	.	.	.	1	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	2	
113 133	.	.	.	.	1	1	1	.	.	.	.	.	.	.	1	.	4	.	3	3	.	.	2	.	16	81
113 134	.	.	.	.	2	.	.	.	.	.	.	.	.	.	1	.	.	.	.	1	.	.	.	.	4	
113 141	3	.	2	.	.	.	1	.	.	.	.	.	1	11	6	.	5	.	2	3	48	.	.	.	82	41
113 143	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	1	
113 160	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	1	.	.	.	.	.	.	.	2	
113 191	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	3	
113 251	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	1	
Total	126	2	9	4	9	13	9	1	3	1	19	1	6	3	36	89	1	46	8	9	11	88	2	3	1		
omission %	29		89		56	100	67				53		100		47	34		63	50	67	91	45					

Sample size : 500

Legend

Rate	Estimate(%)	Std-error	95% c.i.
Confusion rate	39.40	2.35	(35.06, 44.28)
Error rate	17.60	1.73	(14.52, 21.33)
Contradiction rate	3.20	0.78	(2.00, 5.12)

Code in table	Land cover feature (level 3 hierarchy)	Code in table	Land cover feature
111	dry heather moor	141	undifferentiated blanket bog
112	wet heather moor	143	undifferentiated blanket bog (exploited)
113	undifferentiated heather moor	191	undifferentiated montane vegetation
121	undifferentiated coarse grassland (Mardus/Nolinia)	211	plantations
131	smooth grassland with rushes	240	undifferentiated low scrub
133	undifferentiated smooth grassland	251	management features (woodland)
134	undifferentiated bracken		

		121	121	121	121	121	121	121	121	commission	
		112	113	131	133	134	141	311	Total	%	
121		29	1	.	4	3	.	2	.	39	26
121	112	1	.	1	.	.	1	.	.	3	
121	113	7	.	9	1	.	.	.	.	17	47
121	131	.	.	.	4	.	.	.	.	4	
121	133	3	.	.	.	5	1	.	.	9	44
121	134	.	.	.	1	.	1	.	.	2	
121	141	3	1	.	.	.	.	4	.	8	50
121	311	1	.	.	.	.	.	.	1	2	
Total		44	2	10	10	8	3	6	1		
omission	%	34		10	60	38		33			

Sample size : 84

	Rate	Estimate(%)	Std-error	95% c.i.
Confusion rate		30.95	5.19	(22.33, 42.90)
Error rate		0.00	0.00	(0.00, 0.00)
Contradiction rate		0.00	0.00	(0.00, 0.00)

Legend

Code in table	Land cover feature (level 3 hierarchy)
112	wet heather moor
113	undifferentiated heather moor
121	undifferentiated coarse grassland (Nardus/Molinia)
133	undifferentiated smooth grassland
134	undifferentiated bracken
141	undifferentiated blanket bog
311	improved pasture

Table 13. Confusion matrix for undifferentiated coarse grassland (level 3 of the hierarchy).

Table 14. Confusion matrix for smooth grassland (level 3 of the hierarchy).

	131	131	131	131	131	131	131	131	131	131	132	132	132	132	133	133	133	133	133	133	133	133	133	133	133	134	134	134	134	134	134	commission				
	112	113	121	132	133	134	141	171	311		111	131	133	134		111	113	121	131	132	134	141	251	311	511		111	112	113	121	131	132	133	141	Total	%
131	25	.	.	.	1	1	1	.	1	1	1	1	.	32	22	
131 113	1	.	1	1	1	4		
131 121	.	.	.	1	1	2		
131 133	1	1	2		
131 134	1	1	2		
131 141	1	.	1		
131 311	1	.	.	1	2		
132	1	.	.	.	.	.	.	.	.	27	.	.	1	1	4	.	.	.	2	.	1	.	1	.	.	.	.	.	.	.	.	.	38	29
132 121	.	.	.	1	1		
132 131	1	.	.	1	.	.	.	.	.	.	2	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	5	
132 134	.	.	.	.	.	.	.	.	.	.	.	4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	4	
133	5	1	1	.	1	.	.	.	1	2	56	5	3	7	4	2	10	.	2	.	.	4	.	.	1	.	.	2	1	108	48	
133 111	1	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	4	
133 112	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	1	
133 113	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	1	2	.	.	.	1	1	.	.	.	1	.	.	.	.	1	.	8	75
133 121	.	.	.	.	.	.	.	.	.	1	.	.	.	.	2	.	.	1	.	.	.	.	.	1	.	.	.	.	.	.	.	.	5	
133 131	4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	8	.	.	.	.	.	.	.	.	.	.	.	1	.	.	13	38
133 132	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	
133 134	.	.	.	.	.	.	.	.	.	.	.	1	.	2	.	1	.	.	.	14	.	.	.	.	.	3	.	.	2	.	.	2	25	44
133 141	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	1	
133 240	1	1		
133 311	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	2	
133 511	1	.	1		
134	1	.	.	.	2	1	.	.	.	5	1	12	1	1	.	.	1	1	.	26	54	
134 111	1	.	.	1		
134 113	1	1		
134 121	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	1	.	.	.	2	
134 131	1	1	2		
134 132	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	1	
134 141	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	
134 240	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	
Total	39	1	3	3	2	2	4	1	1	3	34	1	2	1	7	72	8	5	9	16	2	30	1	3	2	2	19	2	1	3	3	3	8	2		
omission %	36										21				43	22	100		89	50		53				37						100				

Sample size : 298

Legend

Rate	Estimate(%)	Std-error	95% c.i.	Code in table	Land cover feature (level 3 hierarchy)	Code in table	Land cover feature
Confusion rate	43.96	3.09	(38.30, 50.45)	111	dry heather moor	132	smooth grassland with low scrub
Error rate	20.47	2.61	(15.96, 26.25)	112	wet heather moor	141	undifferentiated blanket bog
Contradiction rate	3.36	1.11	(1.79, 6.31)	113	undifferentiated heather moor	240	undifferentiated low scrub
				121	undifferentiated coarse grassland (Nardus/Molinia)	311	improved pasture
				131	smooth grassland with rushes	511	cliffs, bare rock, crags and screes

	141	141	141	141	141	141	141	141	141	141	142	142	143	143	143	commission	
	111	112	113	121	142	143	191	311	511		141		121	141	Total	%	
141	160	.	2	3	1	.	1	1	.	.	.	.	2	.	.	170	6
141 111	1	.	.	1	.	.	.	.	.	.	.	.	.	.	.	2	
141 112	12	.	11	1	1	1	.	.	.	.	.	.	.	.	.	26	58
141 113	13	1	7	16	.	.	.	1	.	.	.	.	.	.	.	38	58
141 121	4	.	.	.	1	.	.	.	1	.	.	.	.	.	.	6	83
141 142	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	
141 191	2	.	.	.	.	.	.	2	.	.	.	.	.	.	.	4	
141 511	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	2	
142	.	.	.	.	.	.	.	.	.	.	11	1	.	.	.	12	8
142 141	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	1	
143	2	.	.	.	.	.	.	.	.	.	.	.	21	.	1	24	13
143 112	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	2	
143 113	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	1	
Total	195	1	20	21	3	1	1	4	1	2	12	1	25	1	1		
omission %	18		45	24							8		16				

Sample size : 289

	Rate	Estimate(%)	Std-error	95% c.i.
Confusion rate		17.65	2.46	(13.44, 23.17)
Error rate		0.69	0.49	(0.20, 2.40)
Contradiction rate		0.00	0.00	(0.00, 0.00)

Legend

Code in table	Land cover feature (level 3 hierarchy)
111	dry heather moor
112	wet heather moor
113	undifferentiated coarse grassland (Nardus/Molinia)
141	undifferentiated blanket bog
142	blanket bog with dubh lochans
143	undifferentiated blanket bog (exploited)
191	undifferentiated montane vegetation
311	improved pasture
511	cliffs, bare rock, crags and screes

Table 15. Confusion matrix for bog and other peatland vegetation (level 3 of the hierarchy).

	151	
		Total
151	2	2
Total	2	

Sample size : 2

Legend

<i>Code in table</i>	<i>Land cover feature (level 3 hierarchy)</i>
151	undifferentiated salt marsh

Table 16. Confusion matrix for undifferentiated saltmarsh (level 3 of the hierarchy).

	160	
	511	Total
160	1	1
Total	1	

Sample size : 1

Legend

<i>Code in table</i>	<i>Land cover feature (level 3 hierarchy)</i>
160	Maritime grassland and heaths
511	Cliffs, bare rock, crags and screes

Table 17. Confusion matrix for maritime grassland (level 3 of the hierarchy).

		171	171	171	171	171	commission	
			131	133	221	240	Total	%
171		8	.	1	1	.	10	20
171	131	.	1	.	.	.	1	
171	132	.	.	.	.	1	1	
Total		8	1	1	1	1		
omission	%	0						

Sample size : 12

	Rate	Estimate(%)	Std-error
Confusion rate		25.00	11.22
Error rate		0.00	0.00
Contradiction rate		0.00	0.00

Legend

Code in table	Land cover feature (level 3 hierarchy)
131	smooth grassland with rushes
132	smooth grassland with low scrub
133	undifferentiated smooth grassland
171	wetlands
221	undifferentiated broadleaved woodland
240	undifferentiated low scrub

Table 18. Confusion matrix for wetlands (level 3 of the hierarchy).

	181	181	182	182	183	183	
		182	183	182	240		Total
181	1	1	.	.	.	.	2
182	.	.	2	.	.	.	2
183	.	.	1	1	1	1	4
Total	1	1	3	1	1	1	

Sample size : 8

<i>Rate</i>	<i>Estimate(%)</i>	<i>Std-error</i>
Confusion rate	50.00	6.25
Error rate	25.00	9.38
Contradiction rate	0.00	0.00

Legend

<i>Code in table</i>	<i>Land cover feature (level 3 hierarchy)</i>
181	bare dunes
182	partially stabilised dunes
183	links with grassland
240	undifferentiated low scrub

Table 19. Confusion matrix for dunelands (level 3 of the hierarchy).

		191	191	191	191	191	191	commission	
		111	113	121	141	511	Total	%	
191		26	1	.	.	8	.	35	26
191	111	3	.	.	.	.	.	3	
191	113	1	.	.	.	.	.	1	
191	121	.	.	.	1	.	.	1	
191	141	2	.	.	.	13	.	15	13
191	511	.	.	.	.	.	.	0	
Total		32	1	0	1	21	0		
omission %		19						38	

Sample size : 55

Rate	Estimate(%)	Std-error	95% c.i.
Confusion rate	23.64	5.76	(14.76, 37.85)
Error rate	0.00	0.00	(0.00, 0.00)
Contradiction rate	0.00	0.00	(0.00, 0.00)

Legend

Code in table	Land cover feature (level 3 hierarchy)
111	dry heather moor
113	undifferentiated heather moor
121	undifferentiated coarse grassland (Nardus/Molinia)
141	undifferentiated blanket bog
191	undifferentiated montane vegetation
511	cliffs, bare rock, crags and scree

Table 20. Confusion matrix for montane vegetation (level 3 of the hierarchy).

		211	212	commission	
				Total	%
211		283	.	283	0
211	212	.	1	1	
212		3	8	11	27
Total		287	9		
omission	%	1	11		

Sample size : 295

<i>Rate</i>	<i>Estimate(%)</i>	<i>Std-error</i>	<i>95% c.i.</i>
Confusion rate	1.02	0.58	(0.36, 2.87)
Error rate	1.02	0.58	(0.36, 2.87)
Contradiction rate	0.00	0.00	(0.00, 0.00)

Legend

<i>Code in table</i>	<i>Land cover feature (level 3 hierarchy)</i>
211	plantations
212	semi-natural

Table 21. Confusion matrix for coniferous woodland (level 3 of the hierarchy).

		221	221	221	commission	
		111	134	Total	%	
221		274	.	1	275	0
221	111	.	1	.	1	
221	131	.	.	1	1	
221	133	1	.	.	1	
Total		275	1	2		
omission	%	0				

Sample size : 278

<i>Rate</i>	<i>Estimate(%)</i>	<i>Std-error</i>	<i>95% c.i.</i>
Confusion rate	1.08	0.62	(0.38, 3.07)
Error rate	0.00	0.00	(0.00, 0.00)
Contradiction rate	0.00	0.00	(0.00, 0.00)

Legend

<i>Code in table</i>	<i>Land cover feature (level 3 hierarchy)</i>
111	dry heather moor
131	smooth grassland with rushes
133	undifferentiated smooth grassland
134	undifferentiated bracken
221	undifferentiated broadleaved woodland

Table 22. Confusion matrix for undifferentiated broadleaved woodland (level 3 of the hierarchy).

	231	commission	
		Total	%
231	87	87	0
Total	87		
omission	%	0	

Sample size : 87

<i>Rate</i>	<i>Estimate(%)</i>	<i>Std-error</i>	<i>95% c.i.</i>
Confusion rate	0.00	0.00	(0.00, 0.00)
Error rate	0.00	0.00	(0.00, 0.00)
Contradiction rate	0.00	0.00	(0.00, 0.00)

Legend

<i>Code in table</i>	<i>Land cover feature (level 3 hierarchy)</i>
231	undifferentiated mixed woodland

Table 23. Confusion matrix for undifferentiated mixed woodland (level 3 of the hierarchy).

	240	240	commission	
		134	Total	%
240	9	1	10	10
Total	9	1		
omission %	0			

Sample size : 10

<i>Rate</i>	<i>Estimate(%)</i>	<i>Std-error</i>
Confusion rate	10.00	9.43
Error rate	0.00	0.00
Contradiction rate	0.00	0.00

Legend

<i>Code in table</i>	<i>Land cover feature (level 3 hierarchy)</i>
134	undifferentiated bracken
240	undifferentiated low scrub

Table 24. Confusion matrix for undifferentiated low scrub (level 3 of the hierarchy).

	251	commission	
		Total	%
251	130	130	0
251 111	2	2	
251 113	1	1	
Total	133		
omission %	2		

Sample size : 133

Rate	Estimate(%)	Std-error	95% c.i.
Confusion rate	1.50	1.06	(0.43, 5.21)
Error rate	0.00	0.00	(0.00, 0.00)
Contradiction rate	0.00	0.00	(0.00, 0.00)

Legend

Code in table	Land cover feature
111	dry heather moor
113	undifferentiated heather moor
251	management features (woodland)

Table 25. Confusion matrix for woodland management features (level 3 of the hierarchy).

	311	311	311	311	311	311	311	311	311	312	312	312	312	312	commission	
	121	131	132	133	134	141	171	240		131	132	133	183	Total	%	
311	243	2	11	1	9	1	.	1	.	21	1	.	.	290	16	
311 121	1	1	1	.	.	1	.	.	.	.	.	.	.	4		
311 131	9	.	17	.	1	.	.	.	.	.	.	1	.	28	39	
311 132	.	.	1	1	.	.	.	.	.	.	.	.	.	2		
311 133	1	.	.	1	2	.	.	.	.	.	.	.	.	4		
311 141	.	.	.	.	.	1	.	.	.	.	.	.	.	1		
311 240	.	.	.	1	1	.	.	.	3	.	.	.	.	5		
312	26	.	.	.	.	.	.	.	.	129	.	1	.	156	17	
312 183	.	.	.	.	.	.	.	.	.	.	.	.	1	1		
Total	280	3	30	4	13	1	2	1	3	150	1	1	1	1		
omission %	13		43		85					14						

Sample size : 491

Rate	Estimate(%)	Std-error	95% c.i.
Confusion rate	15.89	1.59	(13.06, 19.33)
Error rate	7.94	1.16	(5.97, 10.57)
Contradiction rate	0.00	0.00	(0.00, 0.00)

Legend

Code in table	Land cover feature (level 3 hierarchy)
121	undifferentiated coarse grassland (Nardus/Molinia)
131	smooth grassland with rushes
132	smooth grassland with low scrub
133	undifferentiated smooth grassland
134	undifferentiated bracken
141	undifferentiated blanket bog
171	wetlands
183	links with grassland
240	undifferentiated low scrub
311	improved pasture
312	arable

Table 26. Confusion matrix for agricultural land (level 3 of the hierarchy).

	411		commission
		Total	%
411	320	320	0
Total	320		
omission %	0		

Sample size : 320

<i>Rate</i>	<i>Estimate(%)</i>	<i>Std-error</i>	<i>95% c.i.</i>
Confusion rate	0.00	0.00	(0.00, 0.00)
Error rate	0.00	0.00	(0.00, 0.00)
Contradiction rate	0.00	0.00	(0.00, 0.00)

Legend

<i>Code in table</i>	<i>Land cover feature (level 3 hierarchy)</i>
411	isolated farms and other buildings

Table 27. Confusion matrix for isolated farms and other buildings (level 3 of the hierarchy).

	421	422	423	423	423	424	425	commission	
			132	211	221			Total	%
421	7	.	.	.	.	.	.	7	0
422	.	3	1	.	.	.	.	4	
423	.	.	6	.	1	.	.	7	14
423 132	.	.	.	1	.	.	.	1	
423 221	.	.	.	.	.	1	.	1	
424	.	.	.	.	.	.	2	2	
425	.	.	.	.	.	.	1	1	
omission									
Total	7	3	7	1	1	1	2	1	
%	0		14						

Sample size : 23

Rate	Estimate(%)	Std-error	95% c.i.
Confusion rate	8.70	5.89	(2.61, 28.99)
Error rate	4.35	4.26	(0.87, 21.68)
Contradiction rate	0.00	0.00	(0.00, 0.00)

Legend

Code in table	Land cover feature (level 3 hierarchy)
132	smooth grassland with low scrub
211	plantations
221	undifferentiated broadleaved woodland
421	factories
422	airfields
423	golf courses
424	cemeteries
425	recreational land

Table 28. Confusion matrix for miscellaneous developed features (level 3 of the hierarchy).

		511	511	511	512	513	514	515	516	commission	
		133	141							Total	%
511		14	.	.	.	.	.	.	.	14	0
511	133	.	1	.	.	.	.	.	.	1	
511	141	.	.	1	.	.	.	.	.	1	
512		.	.	.	30	1	.	.	1	32	6
513		.	.	.	.	4	.	.	.	4	
514		.	.	.	.	.	25	4	.	29	14
515		.	.	.	.	.	5	81	.	86	6
516		.	.	.	.	.	.	.	138	138	0
Total		14	1	1	30	5	30	85	139		
omission %		0			0		17	5	1		

Sample size : 305

	Rate	Estimate(%)	Std-error	95% c.i.
Confusion rate		3.28	1.01	(1.82, 5.91)
Error rate		3.28	1.01	(1.82, 5.91)
Contradiction rate		0.00	0.00	(0.00, 0.00)

Legend

Code in table	Land cover feature (level 3 hierarchy)
133	undifferentiated smooth grassland
141	undifferentiated blanket bog
511	cliffs, bare rock, crags and screes
512	quarries and opencast
513	bings and refuse tips
514	paths
515	hill-roads
516	water

Table 29. Confusion matrix for miscellaneous bare ground (level 3 of the hierarchy).

	610	commission	
		Total	%
610	38	38	0
Total	38		
omission %	0		

Sample size : 38

Rate	Estimate(%)	Std-error	95% c.i.
Confusion rate	0.00	0.00	(0.00, 0.00)
Error rate	0.00	0.00	(0.00, 0.00)
Contradiction rate	0.00	0.00	(0.00, 0.00)

Legend

Code in table	Land cover feature (level 3 hierarchy)
610	built up land (area)

Table 30. Confusion matrix for built-up land, area (level 3 of the hierarchy).

	621	Total
621	2	2
Total	2	

Sample size : 1

Legend

Code in table	Land cover feature (level 3 hierarchy)
621	Transport feature: road

Table 31. Confusion matrix for transport features (level 3 of the hierarchy).

	670	Total
670	1	1
Total	1	

Sample size: 1

Legend

Code in table	Land cover feature (level 3 hierarchy)
670	Ski areas

Table 32. Confusion matrix for snow-obscured areas (level 3 of the hierarchy).

	680	commission
		Total %
680	15	15 0
Total	15	
omission %	0	

Sample size : 15

	Rate	Estimate(%)	Std-error
Confusion rate		0.00	0.00
Error rate		0.00	0.00
Contradiction rate		0.00	0.00

Legend

Code in table	Land cover feature (level 3 hierarchy)
680	Built-up land (lines and points)

Table 33. Confusion matrix for built-up land, lines and points (level 3 of the hierarchy).

	<i>Unspecified</i>	<i>No rock</i>	<i>Rock</i>	Total	commission %
<i>Unspecified</i>	1912	54	9	1975	3.2
<i>No Rock</i>	99	1310	100	1509	13.2
<i>Rock</i>	30	112	377	519	27.4
Total	2041	1476	486		
omission %	6.3	11.2	22.4		

Table 34. Confusion matrix for the rock/no rock dichotomy.

	<i>Unspecified</i>	<i>No scattered trees</i>	<i>Scattered trees</i>	Total	commission %
<i>Unspecified</i>	1427	48	11	1486	4.0
<i>No scattered trees</i>	46	2054	55	2155	4.7
<i>Scattered trees</i>	18	39	305	362	15.7
Total	491	2141	371		
omission %	4.3	4.1	17.8		

Table 35. Confusion matrix for the scattered trees/no scattered trees dichotomy.

	<i>Unspecified</i>	<i>No burning</i>	<i>Burning</i>	Total	commission %
<i>Unspecified</i>	3057	65	3	3125	2.2
<i>No Burning</i>	186	534	8	728	26.6
<i>Burning</i>	20	30	100	150	33.3
Total	3263	629	111		
omission %	6.3	15.1	9.9		

Table 36. Confusion matrix for the burning/no burning dichotomy.

		<i>Unspecified</i>	<i>No clustered farmsteads</i>	<i>Clustered farmsteads</i>	Total	commission %
<i>Unspecified</i>		3392	62	0	3454	1.8
<i>No clustered farmsteads</i>		48	471	0	519	9.2
<i>Clustered farmsteads</i>		1	20	9	30	70.0
Total		3441	553	9		
omission	%	1.4	14.8	0.0		

Table 37. Confusion matrix for the clustered farms/no clustered farms dichotomy.

		<i>Unspecified</i>	<i>Area</i>	<i>Line</i>	<i>Point</i>	Total	commission %
<i>Unspecified</i>		3156	32	2	0	3190	1.1
<i>Area</i>		12	463	0	2	477	2.9
<i>Line</i>		9	0	201	3	213	5.6
<i>Point</i>		5	1	3	114	123	7.3
Total		3192	496	206	119		
omission	%	1.1	6.7	2.4	4.2		

Table 38. Confusion matrix for area, line and point features within the woodland classification.

Appendix D: Legal agreements governing the use of the LCS88 dataset.

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D.1 AGENCY AGREEMENT

The Secretary of State for Scotland has requested the Macaulay Land Use Research Institute to act as agents of the Scottish Office in the promotion and dissemination of the Land Cover of Scotland 1988 dataset. The terms and conditions are set out in an Agency Agreement.

D.2 THIRD PARTY AGREEMENT

[Square bracketed items marked * are instructions to assist completion of the Agreement and are to be deleted on each Approved Licence.]*

AGREEMENT

between

THE SECRETARY OF STATE FOR SCOTLAND,
per The Scottish Office Environment Department,
New St Andrew's House, Edinburgh (hereinafter called
"the Secretary of State")

and

[

]

[specify full name and address of Licensee]*
(hereinafter called "the Licensee")

Whereas the Secretary of State has procured the creation of a digitised dataset known as the Land Cover of Scotland 1988 dataset and with the agreement of the Controller of Her Majesty's Stationery Office (hereinafter referred to as "HMSO") wishes to licence the use of the said dataset by third parties and the Licensee wishes to obtain access to the said dataset, or certain parts thereof, for certain specified purposes;

Therefore the Secretary of State and the Licensee hereby agree as follows:-

1 Definitions and Interpretation

1.1 In this Agreement the following words shall have the following meanings unless the context otherwise requires:-

"the Annual Charge" means the sum of [£] [specify appropriate Annual Charge as intimated from time to time by the Secretary of State]* per annum (exclusive of VAT),

"the Data" means Land Cover of Scotland 1988 dataset or part thereof more particularly specified in the Schedule annexed and signed as relative hereto,

"the Date of Commencement of the Period" has the meaning given in Clause 6,

"the Initial Charge" means the sum of [£] [specify appropriate Initial Charge as intimated from time to time by the Secretary of State]* (exclusive of VAT),

"the Period" has the meaning given in Clause 6,

1.2 Where the Licensee is an individual the meaning shall include the executor or executors of that person. Where there are two or more persons included in the expression "the Licensee" all obligations in terms of this Agreement which are expressed to be made by the Licensee shall be binding jointly and severally on each such person and their respective successors, executors and representatives whomsoever without the necessity of discussing them in their order. In the event that the Licensee is a firm or a partnership the obligations of the Licensee in terms of this Agreement shall be binding jointly and severally on all persons who are or become partners of the firm or partnership at any time and their respective executors and representatives whomsoever as well as on the firm or partnership without the necessity of discussing them in their order and such obligations shall subsist notwithstanding any changes which may take place in the name of the firm or the partnership whether by the assumption of a new partner or partners or by the retiral, bankruptcy or death of any individual partner.

- 1.3 Any reference to a "Clause" is a reference to the relevant Clause of this Agreement.
- 1.4 The Clause headings are for convenience only and do not affect the interpretation of this Agreement.
- 1.5 Any reference to the Data, in the absence of any provisions to the contrary, includes any part thereof.

2 Supply of the Data

- 2.1 The Secretary of State shall supply, or procure the supply of, the Data to the Licensee as soon as possible after the Date of Commencement of the Period.
- 2.2 While the Secretary of State shall use all reasonable endeavours to comply with any specified supply dates occurring after the Date of Commencement of the Period, no supply dates are guaranteed and the Secretary of State and HMSO exclude all liability for any loss resulting from any delay in the supply of the Data.

3 Use

- 3.1 The supply of Data to the Licensee is in the form of a non-exclusive licence to use the Data for the Licensee's inhouse purposes only and without prejudice to the foregoing generality the Licensee shall not publish or permit any third party to have access to, or use of, the Data, or information of any kind derived from the Data, without first obtaining permission from the Secretary of State. [Notwithstanding the foregoing provisions of this Clause where the Licensee is a Local Authority or a non-departmental Public Body the Licensee shall also be entitled:—
 - (a) to use the Data and any hard copy output therefrom in pursuance of their statutory functions, and
 - (b) pass any hard copy output produced from the Data to any body undertaking a specific project for the Licensee provided that (i) such hard copy output is necessary for that project and (ii) the Licensee ensures that such body shall not publish or permit any third party to have access to, or use of, such hard copy output, or information of any kind derived therefrom without first obtaining permission from the Secretary of State.] [Delete where Licensee is not a Local Authority or non-departmental public body/remove square brackets where Licensee is a Local Authority or non-departmental public body.]*

4 Acknowledgements

- 4.1 The licensee acknowledges:-
 - (a) that the copyright in the Data is the property of the Crown, and
 - (b) that receipt of the Data by the Licensee confers upon the Licensee no rights to or in the Data other than the licence to use the Data in accordance with, and subject to, the terms of this Agreement.
- 4.2 The Licensee shall ensure that the following acknowledgment shall appear on any hard copy output produced from or using the Data:—

"The Land Cover of Scotland Dataset is Crown Copyright 1992. It shall not be reproduced in any form whatever without the permission of The Controller of Her Majesty's Stationery Office."
- 4.3 The Licensee acknowledges that no warranty is given by the Secretary of State or HMSO as to the accuracy or comprehensiveness of the Data (or any part thereof) or its fitness for any specified or implied application.

5 Charges

- 5.1 In consideration hereof the Licensee shall pay:-
 - (a) in respect of the period of 12 months commencing on the Date of Commencement of the Period, the Initial Charge, and
 - (b) in respect of each 12 month period thereafter during the Period, the Annual Charge.

- 5.2 The Initial Charge shall be payable in full within 30 days of the Date of Commencement of the Period and each Annual Charge shall be payable in full and in advance on the first day of the 12 month period to which it relates, the first Annual Charge being payable on the first anniversary of the Date of Commencement of the Period.
- 5.3 The Licensee shall also pay on demand all VAT (or any tax of a similar nature that may be substituted for it, or levied in addition to it) chargeable in respect of the Initial Charge, the Annual Charges or any other sums due in terms of this Agreement.
- 5.4 In the event that the Initial Charge, any Annual Charge, or any other sums due in terms of this Agreement has or have not been paid in full by the due date then the Licensee shall also pay interest on all such charges and sums as may be outstanding from time to time at the rate of 4% per annum above the Base Lending Rate from time to time of the Bank of Scotland running said interest from the due date until payment.
- 5.5 All the foregoing charges, VAT, interest and any other sums due in terms of this Agreement shall be paid to The Macaulay Land Use Research Institute at Craigiebuckler, Aberdeen, AB9 2QJ (marked for the attention of "The Secretary"), as agents for the Secretary of State, or as otherwise directed in writing from time to time by or on behalf of the Secretary of State to the Licensee.

6 Period

Subject to Clause 7 this Agreement shall have effect from the last date of execution hereof ("the Date of Commencement of the Period") and shall continue in force for a period of 10 years from the Date of Commencement of the Period (such period, subject as aforesaid, being herein referred to as "the Period") subject to the option to either party to terminate this Agreement on any anniversary of the Date of Commencement of the Period on giving not less than one month's prior written notice to the effect to the other party.

7 Termination

- 7.1 Without prejudice to the option to terminate in the Clause 6 the Secretary of State may terminate this Agreement if:-
- (a) the Licensee fails to pay any sum of money due in terms of this Agreement on the due date for payment, or
 - (b) the Licensee otherwise breaches or fails to observe any of the obligations, conditions or other provisions of this Agreement,

provided that the Secretary of State shall give notice to the Licensee requiring the specified breach to be remedied within 14 days of receipt of such notice and only if such breach remains unremedied after the said period of 14 days shall the Secretary of State be entitled to terminate this Agreement.

- 7.2 If at any time during the Period the Licensee (being an individual or firm) becomes apparently insolvent or the Licensee's estate is sequestrated or (being a company) enters into liquidation or insolvency whether compulsory or voluntary (save for the purpose of amalgamation or reconstruction of a solvent company) or has a receiver or administrator appointed to its undertaking or (in either case) enters into an arrangement or composition for the benefit of its creditors, or if anything analogous to any of the foregoing occurs in any relevant jurisdiction, then the Secretary of State shall be entitled at any time thereafter to terminate this Agreement forthwith.
- 7.3 Any termination of this Agreement under this Clause 6 or 7 shall be without prejudice to the others rights and remedies of the parties then subsisting.

8 Delivery of the Data on Termination

Upon the termination or the sooner determination of this Agreement the Licensee shall forthwith return the Data to the Secretary of State and forthwith upon such termination shall erase or have erased all copies of the Data produced by the Licensee.

9 Indemnity

The Licensee shall be responsible for and shall keep the Secretary of State and HMSO indemnified against all damage, damages, losses, costs, expenses, actions, claims and liabilities made against or suffered or incurred by the Secretary of State or HMSO arising out of, or any breach or non-observance by the Licensee of, any of the obligations, conditions or other provisions of this Agreement.

10 Assignment

The Licensee shall not be entitled to assign or otherwise transfer its rights and obligations in terms of this Agreement.

11 Notices

Any notice given under or pursuant to this Agreement shall be in writing. Any notice given by the Secretary of State to the Licensee shall be sufficiently served on the Licensee if it is delivered by hand or left at the Licensee's last known address or sent by post addressed to the Licensee at that last known address. Any notice given by the Licensee to the Secretary of State shall be left at or sent by post addressed to the Secretary of State, per The Scottish Office Environment Department, New St Andrew's House Edinburgh, EH1 3TE (marked for the attention of Chief Research Officer, Central Research Unit) or to such other address as may have been last notified to the Licensee for this purpose. Any notice left as aforesaid shall be deemed to have been so served on the date it is left as aforesaid and any notice served by post shall be deemed to have been served on the expiry of 48 hours after the date of posting thereof and in proving service by post it shall be sufficient to prove that the envelope containing the same was properly addressed, stamped and posted.

- 12** This Agreement shall be governed by and construed in accordance with Scottish law and the Licensee hereby irrevocably submits to the Jurisdiction of the Scottish Courts. The submission to such jurisdiction shall not (and shall not be construed so as to) limit the right of the Secretary of State to take proceedings against the Licensee at any other court of competent jurisdiction nor shall the taking of proceedings in any one or more jurisdictions preclude the taking of proceedings in any other jurisdiction whether concurrently or not.

Date

Signed

For and on behalf of the Secretary of State for Scotland

Date

Signed

For and on behalf of the Licensee

[Schedule also to be signed]*

Appendix E: National, regional and district statistical reports

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Cover types		single feature		features in mosaics	
		area	%	primary	secondary
Open countryside					
A	Arable	8826.9	11.2	18.1	10.1
B	Improved grassland	10281.1	13.0	1086.2	230.1
C	Good rough grassland	2472.2	3.1	1995.2	2847.3
D	Poor rough grassland	2011.0	2.6	1735.3	3371.8
E	Bracken	117.3	0.1	201.3	752.1
F	Heather moorland	6881.5	8.7	13685.9	4572.6
G	Peatland	6600.2	8.4	3661.1	11308.2
H	Montane	1604.5	2.0	1202.2	346.9
I	Rock and cliffs	348.1	0.4	46.7	98.2
Woodland					
J	Felled woodland	299.8	0.4	13.6	5.0
K	Recent planting	3092.0	3.9	94.7	110.7
L	Coniferous plantation	6142.1	7.8	85.5	29.5
M	Semi-natural coniferous	75.0	0.1	4.1	14.8
N	Mixed woodland	854.5	1.1	17.1	27.1
O	Broadleaved	1024.3	1.3	39.4	49.3
P	Scrub	74.4	0.1	8.6	82.3
Wet ground					
Q	Fresh waters	1532.0	1.9	N.S	9.7
R	Marshes	127.9	0.2	8.2	72.0
S	Saltmarshes	60.4	0.1	0.6	1.8
T	Dunes	193.1	0.2	55.7	43.7
U	Tidal waters	27.3	N.S	0	0
Developed					
V	Rural development	470.3	0.6	50.0	4.2
W	Urban	1444.8	1.8	1.0	1.3
Other					
X	Missing photography/obscured land	256.0	0.3	1.5	23.1
SUBTOTAL		54816.7	69.5		
Y	Mosaics of types above	24011.8	30.5	24011.8	24011.8
NATIONAL TOTAL		78828.5	100.0		

Nationally significant mosaics		area	%
FG	Heather moorland Peatland	12370.9	15.7
DF	Poor rough grassland Heather moorland	3230.0	4.1
CF	Good rough grassland Heather moorland	1452.9	1.8
GH	Peatland Montane	935.5	1.2
CD	Good rough grassland Poor rough grassland	848.0	1.1
BC	Improved grassland Good rough grassland	814.8	1.0
CE	Good rough grassland Bracken	660.9	0.8
DG	Poor rough grassland Peatland	634.0	0.8
FH	Heather moorland Montane	539.9	0.7
SUBTOTAL		21486.9	27.3
Remaining mosaics		2524.9	3.2
MOSAICS OF SUMMARY COVER TYPES		24011.8	30.5

Table 1.0.1

Scotland

Land cover summary categories

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not match the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05. Please refer to Figure 6.2 for guidance in the interpretation of this table.

Table 1.0.2 Total audit of land cover features in the Scotland in which all mosaics are allocated according to primary or secondary feature.

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05 sq km. Please refer to Figure 6.3 for guidance in the interpretation of this table.

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
2	0	0	0.2	Isolated building, trees
3	92.1	0.1	0	Factory
4	73.4	0	0	Airfield
5	112.5	46.1	0	Golf course
6	4.9	0	0	Cemeteries
7	29.0	N.S	0.1	Recreational land
10	348.1	46.1	98.2	Rock and cliffs (area)
11	0	0.6	0	Cliffs (line)
12	106.7	0.6	2.3	Quarries and opencast (area)
13	0.1	0	0	Quarries and opencast (point)
14	29.4	2.3	0.3	Bings and refuse tips (area)
15	0	0	0.9	Bings and refuse tips (point)
16	N.S	0	0	Paths
18	1532.0	N.S	1.4	Water (area)
19	N.S	0	8.3	Water (point)
20	1444.8	1.0	1.3	Built-up (area)
21	18.3	0.3	0	Transport features, road
22	2.2	0	0.2	Transport features, rail
24	27.3	0	0	Estuary
25	40.3	0.1	0.1	No photography
26	176.6	0	0	Cloud cover
27	38.5	1.4	23.0	Snow cover
28	1.6	0.5	0.2	Ski tows
29	0.1	0	0	Built-up (line or point)
70	6142.0	85.5	25.9	Coniferous plantation (area)
71	0	0	0.5	Coniferous plantation (line)
72	0.1	0	3.1	Coniferous plantation (point)
73	74.8	4.1	13.7	Coniferous semi-natural (area)
74	0.1	0	0	Coniferous semi-natural (line)
75	0	0	1.2	Coniferous semi-natural (point)
76	1023.6	39.3	41.0	Undiff. broadleaved (area)
77	0.1	0	2.7	Undiff. broadleaved (line)
78	0.7	N.S	5.6	Undiff. broadleaved (point)
79	854.4	17.1	10.4	Undiff. mixed woodland (area)
80	0.1	0	10.0	Undiff. mixed woodland (line)
81	0	0	6.7	Undiff. mixed woodland (point)
82	74.2	8.6	76.9	Undiff. low scrub
83	1446.7	49.4	50.6	Recent ploughing for forestry
84	299.8	13.6	5.0	Recently felled forestry
85	1602.9	45.3	60.1	Open canopy (young plantation)
86	0.3	0	5.5	Rhododendron scrub
87	42.4	0	0	Recent 'ripping' for forestry
90	8734.4	804.0	165.8	Imp. pasture: no rock, no farms, no trees
91	238.1	11.1	1.4	Imp. pasture: no rock, no farms, trees

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Table 1.0.2 Total audit of land cover features in Scotland in which all mosaics are allocated according to primary or secondary feature (continued).

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
92	654.2	97.0	4.4	Imp. pasture: no rock, farms, no trees
93	28.2	4.1	0.5	Imp. pasture: no rock, farms, trees
94	551.7	159.1	56.2	Imp. pasture: rock, no farms, no trees
95	8.1	1.4	0.1	Imp. pasture: rock, no farms, trees
96	62.4	8.6	1.5	Imp. pasture: rock, farms, no trees
97	3.9	0.8	0.2	Imp. pasture: rock, farms, trees
100	8780.5	17.9	10.1	Arable: no rock, no farms, no trees
101	9.2	0	0	Arable: no rock, no farms, trees
102	22.3	0.1	0	Arable: no rock, farms, no trees
104	14.8	0	0	Arable: rock, no farms, no trees
105	N.S	0	0	Arable: rock, no farms, trees
106	0	0	N.S	Arable: rock, farms, no trees
110	594.0	438.8	154.1	Dry heather moor: no rock, no burning, no trees
111	89.8	31.8	12.0	Dry heather moor: no rock, no burning, trees
112	1251.1	216.1	24.2	Dry heather moor: no rock, burning, no trees
113	24.9	5.2	3.5	Dry heather moor: no rock, burning, trees
114	353.4	215.2	113.8	Dry heather moor: rock, no burning, no trees
115	18.3	14.0	4.4	Dry heather moor: rock, no burning, trees
116	119.7	17.6	0.7	Dry heather moor: rock, burning, no trees
117	3.4	1.0	0	Dry heather moor: rock, burning, trees
120	218.9	1344.9	708.2	Wet heather moor: no rock, no burning, no trees
121	8.3	1.8	3.7	Wet heather moor: no rock, no burning, trees
122	10.7	4.5	21.4	Wet heather moor: no rock, burning, no trees
123	1.3	0.2	1.2	Wet heather moor: no rock, burning, trees
124	404.1	2584.7	1080.8	Wet heather moor: rock, no burning, no trees
125	2.1	1.5	1.0	Wet heather moor: rock, no burning, trees
126	0.1	0	0	Wet heather moor: rock, burning, no trees
127	0	0	0.6	Wet heather moor: rock, burning, trees
130	1485.2	4106.3	1303.6	Undiff. heather moor: no rock, no burning, no trees
131	69.9	46.9	24.3	Undiff. heather moor: no rock, no burning, trees
132	781.5	412.5	58.0	Undiff. heather moor: no rock, burning, no trees
133	5.8	1.3	0.5	Undiff. heather moor: no rock, burning, trees
134	1378.2	4195.3	1038.9	Undiff. heather moor: rock, no burning, no trees
135	17.2	32.2	17.2	Undiff. heather moor: rock, no burning, trees
136	43.3	14.2	0.6	Undiff. heather moor: rock, burning, no trees
137	0.2	0	0	Undiff. heather moor: rock, burning, trees
140	1791.1	1224.3	1870.3	Undiff. Nardus/Molinia: no rock, no trees
141	18.2	16.1	24.8	Undiff. Nardus/Molinia: no rock, trees
142	198.1	490.0	1463.0	Undiff. Nardus/Molinia: rock, no trees
143	3.6	4.9	13.7	Undiff. Nardus/Molinia: rock, trees
146	0.1	0	0	invalid code
150	517.0	317.6	1294.8	Smooth grass/rushes: no rock, no trees
151	30.3	11.7	28.0	Smooth grass/rushes: no rock, trees
152	9.7	130.3	91.2	Smooth grass/rushes: rock, no trees
153	1.6	1.6	0.3	Smooth grass/rushes: rock, trees
155	148.8	35.6	42.0	Smooth grass/low scrub: no rock, no trees
156	129.3	17.4	25.5	Smooth grass/low scrub: no rock, trees

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Table 1.0.2 Total audit of land cover features in Scotland in which all mosaics are allocated according to primary or secondary feature (continued).

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
157	62.4	28.9	14.6	Smooth grass/low scrub: rock, no trees
158	14.5	9.7	7.7	Smooth grass/low scrub: rock, trees
159	0.2	0	0	invalid code
160	760.4	724.9	640.5	Undiff. smooth grass.: no rock, no trees
161	237.5	68.5	38.3	Undiff. smooth grass.: no rock, trees
162	427.7	585.6	599.7	Undiff. smooth grass.: rock, no trees
163	60.0	45.8	37.8	Undiff. smooth grass.: rock, trees
164	0.2	0	0	invalid code
169	0.1	0	0	invalid code
170	49.8	77.9	312.4	Undiff. bracken: no rock, no trees
171	28.3	26.9	41.3	Undiff. bracken: no rock, trees
172	26.5	79.7	369.3	Undiff. bracken: rock, no trees
173	12.6	16.8	29.2	Undiff. bracken: rock, trees
178	N.S	0	0	invalid code
180	2406.6	1559.2	3102.5	Blanket bog/peat. veg.: erosion, no trees
181	1.2	0	0.6	Blanket bog/peat. veg.: erosion, trees
182	3510.6	1983.3	8099.7	Blanket bog/peat. veg.: no erosion, no trees
183	55.1	5.3	22.8	Blanket bog/peat. veg.: no erosion, trees
184	158.5	13.7	3.8	Blanket bog/peat. veg.: dubh lochans
185	30.1	0.2	0	Blanket bog/peat. veg.: industrial peat workings
186	438.2	99.3	78.8	Blanket bog/peat. veg.: other peat workings
190	60.4	0.6	1.8	Undiff. salt marsh: no trees
191	72.9	17.7	27.0	Maritime grassland: no trees
200	63.9	4.8	50.3	Wetlands: no drains, no trees
201	34.2	2.1	20.4	Wetlands: drains, no trees
202	25.8	1.3	1.4	Wetlands: no drains, trees
203	4.1	0	0	Wetlands: drains, trees
210	15.8	7.2	2.8	Bare dunes
211	76.1	7.1	3.8	Partially stabilized dunes
212	95.7	39.1	30.4	Links area: grass
213	5.5	2.3	6.7	Links area: heath
221	0.6	0	1.1	recoded as 180
222	1162.9	806.7	175.7	Undiff. montane veg.: rock
223	441.1	395.4	170.1	Undiff. montane veg.: no rock
TOTAL	54816.7	24011.8	24011.8	

Table 1.0.3 Total audit of land cover features in Scotland in which all mosaics are separately identified.

All areas are expressed in square kilometres to 1 decimal place; all percentages are expressed as % of the total area; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05

code	area	%	description
3	92.1	0.1	Factory
4	73.4	0.1	Airfield
5	112.5	0.1	Golf course
6	4.9	N.S	Cemeteries
7	29.0	N.S	Recreational land
10	348.1	0.4	Rock and cliffs (area)
12	106.7	0.1	Quarries and opencast (area)
13	0.1	N.S	Quarries and opencast (point)
14	29.4	N.S	Bings and refuse tips (area)
16	N.S	N.S	Paths
18	1532.0	1.9	Water (area)
19	N.S	N.S	Water (point)
20	1444.8	1.8	Built-up (area)
21	18.3	N.S	Transport features, road
22	2.2	N.S	Transport features, rail
24	27.3	N.S	Estuary
25	40.3	0.1	No photography
26	176.6	0.2	Cloud cover
27	38.5	N.S	Snow cover
28	1.6	N.S	Ski tows
29	0.1	N.S	Built-up (line or point)
70	6142.0	7.8	Coniferous plantation (area)
72	0.1	N.S	Coniferous plantation (point)
73	74.8	0.1	Coniferous semi-natural (area)
74	0.1	N.S	Coniferous semi-natural (line)
76	1023.6	1.3	Undiff. broadleaved (area)
77	0.1	N.S	Undiff. broadleaved (line)
78	0.7	N.S	Undiff. broadleaved (point)
79	854.4	1.1	Undiff. mixed woodland (area)
80	0.1	N.S	Undiff. mixed woodland (line)
82	74.2	0.1	Undiff. low scrub
83	1446.7	1.8	Recent ploughing for forestry
84	299.8	0.4	Recently felled forestry
85	1602.9	2.0	Open canopy (young plantation)
86	0.3	N.S	Rhododendron scrub
87	42.4	0.1	Recent 'ripping' for forestry
90	8734.4	11.1	Imp. pasture: no rock, no farms, no trees
91	238.1	0.3	Imp. pasture: no rock, no farms, trees
92	654.2	0.8	Imp. pasture: no rock, farms, no trees
93	28.2	N.S	Imp. pasture: no rock, farms, trees
94	551.7	0.7	Imp. pasture: rock, no farms, no trees
95	8.1	N.S	Imp. pasture: rock, no farms, trees
96	62.4	0.1	Imp. pasture: rock, farms, no trees
97	3.9	N.S	Imp. pasture: rock, farms, trees
100	8780.5	11.1	Arable: no rock, no farms, no trees
101	9.2	N.S	Arable: no rock, no farms, trees
102	22.3	N.S	Arable: no rock, farms, no trees
104	14.8	N.S	Arable: rock, no farms, no trees

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Table 1.0.3 Total audit of land cover features in Scotland in which all mosaics are separately identified (continued).

code	area	%	description
105	N.S	N.S	Arable: rock, no farms, trees
110	594.0	0.8	Dry heather moor: no rock, no burning, no trees
111	89.8	0.1	Dry heather moor: no rock, no burning, trees
112	1251.1	1.6	Dry heather moor: no rock, burning, no trees
113	24.9	N.S	Dry heather moor: no rock, burning, trees
114	353.4	0.4	Dry heather moor: rock, no burning, no trees
115	18.3	N.S	Dry heather moor: rock, no burning, trees
116	119.7	0.2	Dry heather moor: rock, burning, no trees
117	3.4	N.S	Dry heather moor: rock, burning, trees
120	218.9	0.3	Wet heather moor: no rock, no burning, no trees
121	8.3	N.S	Wet heather moor: no rock, no burning, trees
122	10.7	N.S	Wet heather moor: no rock, burning, no trees
123	1.3	N.S	Wet heather moor: no rock, burning, trees
124	404.1	0.5	Wet heather moor: rock, no burning, no trees
125	2.1	N.S	Wet heather moor: rock, no burning, trees
126	0.1	N.S	Wet heather moor: rock, burning, no trees
130	1485.2	1.9	Undiff. heather moor: no rock, no burning, no trees
131	69.9	0.1	Undiff. heather moor: no rock, no burning, trees
132	781.5	1.0	Undiff. heather moor: no rock, burning, no trees
133	5.8	N.S	Undiff. heather moor: no rock, burning, trees
134	1378.2	1.7	Undiff. heather moor: rock, no burning, no trees
135	17.2	N.S	Undiff. heather moor: rock, no burning, trees
136	43.3	0.1	Undiff. heather moor: rock, burning, no trees
137	0.2	N.S	Undiff. heather moor: rock, burning, trees
140	1791.1	2.3	Undiff. Nardus/Molinia: no rock, no trees
141	18.2	N.S	Undiff. Nardus/Molinia: no rock, trees
142	198.1	0.3	Undiff. Nardus/Molinia: rock, no trees
143	3.6	N.S	Undiff. Nardus/Molinia: rock, trees
146	0.1	N.S	invalid code
150	517.0	0.7	Smooth grass/rushes: no rock, no trees
151	30.3	N.S	Smooth grass/rushes: no rock, trees
152	9.7	N.S	Smooth grass/rushes: rock, no trees
153	1.6	N.S	Smooth grass/rushes: rock, trees
155	148.8	0.2	Smooth grass/low scrub: no rock, no trees
156	129.3	0.2	Smooth grass/low scrub: no rock, trees
157	62.4	0.1	Smooth grass/low scrub: rock, no trees
158	14.5	N.S	Smooth grass/low scrub: rock, trees
159	0.2	N.S	invalid code
160	760.4	1.0	Undiff. smooth grass.: no rock, no trees
161	237.5	0.3	Undiff. smooth grass.: no rock, trees
162	427.7	0.5	Undiff. smooth grass.: rock, no trees
163	60.0	0.1	Undiff. smooth grass.: rock, trees
164	0.2	N.S	invalid code
169	0.1	N.S	invalid code
170	49.8	0.1	Undiff. bracken: no rock, no trees
171	28.3	N.S	Undiff. bracken: no rock, trees
172	26.5	N.S	Undiff. bracken: rock, no trees
173	12.6	N.S	Undiff. bracken: rock, trees
178	N.S	N.S	invalid code
180	2406.6	3.1	Blanket bog/peat. veg.: erosion, no trees
181	1.2	N.S	Blanket bog/peat. veg.: erosion, trees

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Table 1.0.3 Total audit of land cover features in Scotland in which all mosaics are separately identified (continued).

code	area	%	description	
182	3510.6	4.5	Blanket bog/peat. veg.: no erosion, no trees	
183	55.1	0.1	Blanket bog/peat. veg.: no erosion, trees	
184	158.5	0.2	Blanket bog/peat. veg.: dubh lochans	
185	30.1	N.S	Blanket bog/peat. veg.: industrial peat workings	
186	438.2	0.6	Blanket bog/peat. veg.: other peat workings	
190	60.4	0.1	Undiff. salt marsh: no trees	
191	72.9	0.1	Maritime grassland: no trees	
200	63.9	0.1	Wetlands: no drains, no trees	
201	34.2	N.S	Wetlands: drains, no trees	
202	25.8	N.S	Wetlands: no drains, trees	
203	4.1	N.S	Wetlands: drains, trees	
210	15.8	N.S	Bare dunes	
211	76.1	0.1	Partially stabilized dunes	
212	95.7	0.1	Links area: grass	
213	5.5	N.S	Links area: heath	
221	0.6	N.S	recoded as 180	
222	1162.9	1.5	Undiff. montane veg.: rock	
223	441.1	0.6	Undiff. montane veg.: no rock	
code	area	%	primary feature	secondary feature
301	42.2	0.1	Undiff. smooth grass.: rock, no trees	Dry heather moor: rock, no burning, no trees
302	0.8	N.S	Wet heather moor: rock, no burning, no trees	Maritime grassland: no trees
303	0.8	N.S	Maritime grassland: no trees	Undiff. smooth grass.: rock, no trees
304	3.7	N.S	Wet heather moor: rock, no burning, no trees	Rock and cliffs (area)
305	17.9	N.S	Arable: no rock, no farms, no trees	Links area: grass
306	1.0	N.S	Wetlands: drains, no trees	Imp. pasture: no rock, no farms, no trees
307	1.7	N.S	Blanket bog/peat. veg.: other peat workings	Imp. pasture: no rock, no farms, no trees
308	11.7	N.S	Imp. pasture: no rock, no farms, no trees	Blanket bog/peat. veg.: other peat workings
309	7.5	N.S	Blanket bog/peat. veg.: no erosion, no trees	Blanket bog/peat. veg.: other peat workings
310	1.1	N.S	Imp. pasture: rock, farms, no trees	Blanket bog/peat. veg.: other peat workings
311	2.4	N.S	Undiff. bracken: rock, no trees	Dry heather moor: rock, no burning, no trees
312	2090.4	2.7	Wet heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
313	762.4	1.0	Blanket bog/peat. veg.: no erosion, no trees	Wet heather moor: rock, no burning, no trees
314	3.9	N.S	Imp. pasture: rock, no farms, no trees	Blanket bog/peat. veg.: other peat workings
315	4.7	N.S	Wet heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: other peat workings
316	6.2	N.S	Dry heather moor: rock, no burning, no trees	Undiff. bracken: rock, no trees
317	120.2	0.2	Undiff. smooth grass.: rock, no trees	Undiff. heather moor: rock, no burning, no trees
318	8.2	N.S	Imp. pasture: rock, no farms, no trees	Wet heather moor: rock, no burning, no trees
319	1.9	N.S	Partially stabilized dunes	Bare dunes
320	3.4	N.S	Imp. pasture: no rock, no farms, no trees	Wetlands: drains, no trees
321	0.1	N.S	Wetlands: drains, no trees	Wet heather moor: rock, no burning, no trees
322	0.1	N.S	Wetlands: drains, no trees	Imp. pasture: rock, no farms, no trees
323	9.9	N.S	Imp. pasture: rock, no farms, no trees	Blanket bog/peat. veg.: no erosion, no trees
324	15.2	N.S	Imp. pasture: no rock, no farms, no trees	Blanket bog/peat. veg.: no erosion, no trees
325	10.0	N.S	Links area: grass	Arable: no rock, no farms, no trees
326	64.7	0.1	Dry heather moor: rock, no burning, no trees	Undiff. smooth grass.: rock, no trees
327	N.S	N.S	Water (area)	Wetlands: drains, no trees
328	199.0	0.3	Imp. pasture: no rock, no farms, no trees	Undiff. Nardus/Molinia: no rock, no trees
329	1.8	N.S	Imp. pasture: no rock, no farms, no trees	Wet heather moor: rock, no burning, no trees
330	1.1	N.S	Wetlands: no drains, no trees	Water (area)
331	7.9	N.S	Rock and cliffs (area)	Wet heather moor: rock, no burning, no trees

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Table 1.0.3 Total audit of land cover features in Scotland in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
332	1.8	N.S	Undiff. smooth grass.: rock, no trees	Wet heather moor: rock, no burning, no trees
333	6.6	N.S	Links area: grass	Rock and cliffs (area)
334	0.9	N.S	Links area: grass	Bare dunes
335	0.1	N.S	Arable: no rock, farms, no trees	Links area: grass
336	0.7	N.S	Links area: grass	Blanket bog/peat. veg.: no erosion, no trees
337	0.1	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. salt marsh: no trees
338	0.4	N.S	Wetlands: drains, no trees	Links area: grass
339	1.6	N.S	Blanket bog/peat. veg.: no erosion, no trees	Maritime grassland: no trees
340	399.6	0.5	Wet heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: erosion, no trees
341	2.0	N.S	Imp. pasture: no rock, farms, no trees	Blanket bog/peat. veg.: no erosion, no trees
342	1.9	N.S	Blanket bog/peat. veg.: other peat workings	Blanket bog/peat. veg.: no erosion, no trees
343	252.8	0.3	Blanket bog/peat. veg.: erosion, no trees	Wet heather moor: rock, no burning, no trees
344	13.2	N.S	Blanket bog/peat. veg.: other peat workings	Wet heather moor: rock, no burning, no trees
345	1.9	N.S	Blanket bog/peat. veg.: no erosion, no trees	Imp. pasture: rock, no farms, no trees
346	0.2	N.S	Undiff. heather moor: no rock, burning, no trees	Wet heather moor: rock, no burning, no trees
347	5.9	N.S	Bare dunes	Links area: grass
348	0.1	N.S	Undiff. salt marsh: no trees	Links area: grass
349	1.1	N.S	Blanket bog/peat. veg.: other peat workings	Imp. pasture: rock, no farms, no trees
350	0.5	N.S	Smooth grass/rushes: no rock, no trees	Undiff. salt marsh: no trees
351	13.1	N.S	Smooth grass/rushes: no rock, no trees	Wet heather moor: no rock, no burning, no trees
352	34.1	N.S	Wet heather moor: no rock, no burning, no trees	Smooth grass/rushes: no rock, no trees
353	428.3	0.5	Imp. pasture: no rock, no farms, no trees	Smooth grass/rushes: no rock, no trees
354	0.3	N.S	Blanket bog/peat. veg.: other peat workings	Maritime grassland: no trees
355	35.4	N.S	Blanket bog/peat. veg.: no erosion, no trees	Smooth grass/rushes: no rock, no trees
356	224.9	0.3	Undiff. smooth grass.: no rock, no trees	Smooth grass/rushes: no rock, no trees
357	2.4	N.S	Links area: grass	Imp. pasture: no rock, no farms, no trees
358	249.4	0.3	Blanket bog/peat. veg.: no erosion, no trees	Wet heather moor: no rock, no burning, no trees
359	5.4	N.S	Undiff. heather moor: no rock, no burning, no trees	Imp. pasture: no rock, no farms, no trees
360	1411.1	1.8	Undiff. heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
361	1027.5	1.3	Wet heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
362	18.1	N.S	Undiff. heather moor: no rock, no burning, no trees	Undiff. bracken: no rock, no trees
363	1.9	N.S	Wet heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: other peat workings
364	5.7	N.S	Wet heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
365	10.8	N.S	Undiff. bracken: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
366	48.4	0.1	Undiff. heather moor: rock, no burning, no trees	Undiff. bracken: rock, no trees
367	17.7	N.S	Undiff. bracken: rock, no trees	Undiff. heather moor: rock, no burning, no trees
368	0.1	N.S	Wet heather moor: no rock, no burning, no trees	Smooth grass/low scrub: no rock, no trees
369	5.5	N.S	Undiff. smooth grass.: no rock, no trees	Wet heather moor: no rock, no burning, no trees
370	18.5	N.S	Undiff. heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: other peat workings
371	0.5	N.S	Maritime grassland: no trees	Wet heather moor: no rock, no burning, no trees
372	24.3	N.S	Blanket bog/peat. veg.: other peat workings	Wet heather moor: no rock, no burning, no trees
373	1.1	N.S	Blanket bog/peat. veg.: other peat workings	Smooth grass/rushes: no rock, no trees
374	2166.0	2.7	Undiff. heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
375	1.2	N.S	Links area: grass	Wetlands: drains, no trees
376	34.2	N.S	Imp. pasture: rock, no farms, no trees	Undiff. low scrub
377	0.3	N.S	Imp. pasture: rock, no farms, trees	Undiff. low scrub
378	N.S	N.S	Imp. pasture: rock, no farms, no trees	Coniferous plantation (area)
379	0.8	N.S	Smooth grass/low scrub: no rock, no trees	Wetlands: no drains, no trees
380	17.4	N.S	Blanket bog/peat. veg.: other peat workings	Undiff. heather moor: no rock, no burning, no trees
381	25.0	N.S	Blanket bog/peat. veg.: other peat workings	Undiff. heather moor: rock, no burning, no trees
382	443.4	0.6	Blanket bog/peat. veg.: no erosion, no trees	Undiff. heather moor: no rock, no burning, no trees

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Table 1.0.3 Total audit of land cover features in Scotland in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
383	0.3	N.S	Smooth grass/low scrub: rock, no trees	Undiff. heather moor: no rock, no burning, no trees
384	112.2	0.1	Blanket bog/peat. veg.: no erosion, no trees	Undiff. heather moor: rock, no burning, no trees
385	102.3	0.1	Undiff. heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
386	2.7	N.S	Smooth grass/rushes: no rock, no trees	Undiff. low scrub
387	11.9	N.S	Smooth grass/low scrub: no rock, no trees	Smooth grass/rushes: no rock, no trees
388	0.1	N.S	Wetlands: drains, no trees	Water (area)
389	87.2	0.1	Dry heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
390	67.7	0.1	Imp. pasture: no rock, no farms, no trees	Undiff. smooth grass.: no rock, no trees
391	1.1	N.S	Undiff. montane veg.: rock	recorded as 180
393	5.5	N.S	Recently felled forestry	Coniferous plantation (area)
394	0.2	N.S	Imp. pasture: no rock, farms, trees	Imp. pasture: rock, farms, trees
395	5.6	N.S	Smooth grass/rushes: no rock, no trees	Smooth grass/low scrub: no rock, no trees
396	329.0	0.4	Undiff. heather moor: rock, no burning, no trees	Undiff. smooth grass.: rock, no trees
397	6.8	N.S	Undiff. smooth grass.: rock, no trees	Smooth grass/rushes: rock, no trees
398	0.3	N.S	Wetlands: no drains, trees	Blanket bog/peat. veg.: no erosion, trees
399	36.2	N.S	Smooth grass/rushes: no rock, no trees	Imp. pasture: no rock, no farms, no trees
400	42.6	0.1	Undiff. smooth grass.: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
401	225.7	0.3	Undiff. smooth grass.: rock, no trees	Undiff. bracken: rock, no trees
402	68.7	0.1	Smooth grass/rushes: no rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
403	0.4	N.S	Imp. pasture: no rock, no farms, trees	Undiff. heather moor: no rock, no burning, trees
404	1.7	N.S	Smooth grass/low scrub: no rock, trees	Undiff. heather moor: no rock, no burning, trees
405	0.9	N.S	Undiff. smooth grass.: no rock, trees	Imp. pasture: no rock, no farms, no trees
406	50.5	0.1	Smooth grass/rushes: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
407	10.8	N.S	Undiff. heather moor: no rock, burning, no trees	Undiff. smooth grass.: no rock, no trees
408	6.3	N.S	Undiff. heather moor: no rock, no burning, trees	Undiff. smooth grass.: no rock, trees
409	9.0	N.S	Imp. pasture: no rock, no farms, no trees	Smooth grass/low scrub: no rock, no trees
410	32.7	N.S	Undiff. smooth grass.: no rock, no trees	Imp. pasture: no rock, no farms, no trees
411	4.5	N.S	Undiff. smooth grass.: no rock, trees	Undiff. heather moor: no rock, no burning, trees
412	2.0	N.S	Undiff. heather moor: no rock, no burning, trees	Smooth grass/low scrub: no rock, trees
413	3.0	N.S	Smooth grass/rushes: no rock, trees	Smooth grass/low scrub: no rock, trees
414	332.9	0.4	Undiff. Nardus/Molinia: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
415	185.8	0.2	Undiff. smooth grass.: no rock, no trees	Undiff. bracken: no rock, no trees
416	214.8	0.3	Undiff. Nardus/Molinia: no rock, no trees	Smooth grass/rushes: no rock, no trees
417	4.7	N.S	Undiff. heather moor: no rock, no burning, no trees	Smooth grass/low scrub: no rock, no trees
418	5.5	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. bracken: no rock, no trees
419	1.4	N.S	Undiff. smooth grass.: rock, trees	Undiff. bracken: no rock, no trees
420	44.6	0.1	Dry heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
421	159.0	0.2	Undiff. smooth grass.: no rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
424	63.6	0.1	Undiff. smooth grass.: rock, no trees	Undiff. Nardus/Molinia: rock, no trees
425	6.5	N.S	Undiff. smooth grass.: no rock, trees	Undiff. bracken: no rock, no trees
426	53.4	0.1	Smooth grass/rushes: no rock, no trees	Undiff. smooth grass.: no rock, no trees
427	2.4	N.S	Imp. pasture: no rock, no farms, trees	Smooth grass/rushes: no rock, trees
428	11.7	N.S	Undiff. Nardus/Molinia: rock, no trees	Dry heather moor: rock, no burning, no trees
429	53.1	0.1	Undiff. Nardus/Molinia: rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
432	8.9	N.S	Undiff. smooth grass.: no rock, trees	Dry heather moor: no rock, no burning, trees
433	N.S	N.S	Undiff. smooth grass.: no rock, no trees	Undiff. bracken: rock, no trees
434	20.1	N.S	Undiff. smooth grass.: no rock, trees	Undiff. bracken: no rock, trees
435	0.1	N.S	Undiff. Nardus/Molinia: rock, trees	Blanket bog/peat. veg.: no erosion, no trees
436	34.4	N.S	Undiff. Nardus/Molinia: no rock, no trees	Blanket bog/peat. veg.: erosion, no trees
437	60.7	0.1	Undiff. heather moor: no rock, no burning, no trees	Smooth grass/rushes: no rock, no trees
438	245.1	0.3	Undiff. heather moor: no rock, burning, no trees	Blanket bog/peat. veg.: no erosion, no trees

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Table 1.0.3 Total audit of land cover features in Scotland in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
439	7.6	N.S	Undiff. smooth grass.: rock, no trees	Undiff. bracken: no rock, no trees
440	11.3	N.S	Smooth grass/low scrub: no rock, no trees	Undiff. bracken: no rock, no trees
441	2.2	N.S	Smooth grass/low scrub: no rock, trees	Undiff. bracken: no rock, no trees
442	873.4	1.1	Undiff. heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
443	61.5	0.1	Undiff. heather moor: no rock, burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
444	198.6	0.3	Undiff. Nardus/Molinia: no rock, no trees	Undiff. smooth grass.: no rock, no trees
446	2.2	N.S	Wet heather moor: rock, no burning, no trees	Undiff. smooth grass.: rock, no trees
447	16.4	N.S	Blanket bog/peat. veg.: erosion, no trees	Undiff. Nardus/Molinia: rock, no trees
448	1224.5	1.6	Undiff. heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: rock, no trees
449	133.8	0.2	Blanket bog/peat. veg.: no erosion, no trees	Undiff. Nardus/Molinia: no rock, no trees
450	30.0	N.S	Undiff. smooth grass.: rock, no trees	Smooth grass/rushes: no rock, no trees
451	5.6	N.S	Undiff. smooth grass.: rock, no trees	Imp. pasture: no rock, no farms, no trees
452	25.4	N.S	Imp. pasture: rock, no farms, no trees	Smooth grass/rushes: no rock, no trees
453	16.5	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. smooth grass.: rock, no trees
454	11.3	N.S	Open canopy (young plantation)	Coniferous plantation (area)
456	5.4	N.S	Dry heather moor: rock, no burning, trees	Undiff. smooth grass.: rock, trees
457	12.3	N.S	Undiff. smooth grass.: rock, trees	Undiff. bracken: rock, trees
458	7.2	N.S	Undiff. smooth grass.: no rock, trees	Smooth grass/rushes: no rock, trees
459	1.2	N.S	Undiff. mixed woodland (area)	Undiff. smooth grass.: no rock, trees
460	17.5	N.S	Dry heather moor: no rock, no burning, no trees	Undiff. bracken: no rock, no trees
461	0.2	N.S	Undiff. smooth grass.: no rock, no trees	Undiff. bracken: no rock, trees
462	1.2	N.S	Dry heather moor: no rock, burning, trees	Wet heather moor: no rock, burning, trees
463	16.4	N.S	Dry heather moor: no rock, burning, no trees	Wet heather moor: no rock, burning, no trees
464	1.0	N.S	Smooth grass/low scrub: no rock, no trees	Undiff. smooth grass.: no rock, no trees
465	0.3	N.S	Undiff. smooth grass.: rock, trees	Smooth grass/low scrub: rock, no trees
466	29.6	N.S	Dry heather moor: no rock, burning, no trees	Undiff. smooth grass.: no rock, no trees
467	36.6	N.S	Dry heather moor: no rock, burning, no trees	Smooth grass/rushes: no rock, no trees
468	1.3	N.S	Dry heather moor: rock, no burning, trees	Undiff. smooth grass.: no rock, trees
469	6.5	N.S	Dry heather moor: rock, burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
470	3.1	N.S	Dry heather moor: rock, burning, no trees	Undiff. smooth grass.: rock, no trees
471	0.1	N.S	Imp. pasture: no rock, no farms, trees	Dry heather moor: no rock, no burning, trees
472	5.2	N.S	Dry heather moor: no rock, no burning, no trees	Undiff. low scrub
473	3.2	N.S	Dry heather moor: no rock, no burning, no trees	Smooth grass/low scrub: no rock, no trees
474	22.4	N.S	Blanket bog/peat. veg.: erosion, no trees	Undiff. Nardus/Molinia: no rock, no trees
475	10.4	N.S	Dry heather moor: no rock, no burning, no trees	Smooth grass/rushes: no rock, no trees
476	63.4	0.1	Dry heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
477	824.3	1.0	Undiff. heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: erosion, no trees
478	14.9	N.S	Undiff. heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: other peat workings
479	0.4	N.S	Undiff. smooth grass.: no rock, no trees	Imp. pasture: no rock, farms, no trees
480	14.3	N.S	Imp. pasture: no rock, farms, no trees	Undiff. smooth grass.: no rock, no trees
481	4.8	N.S	Undiff. heather moor: rock, no burning, no trees	Undiff. smooth grass.: rock, trees
482	0.9	N.S	Dry heather moor: rock, no burning, no trees	Smooth grass/low scrub: rock, no trees
484	0.1	N.S	Undiff. bracken: no rock, no trees	Smooth grass/low scrub: no rock, trees
485	40.8	0.1	Undiff. Nardus/Molinia: no rock, no trees	Wet heather moor: no rock, no burning, no trees
486	155.3	0.2	Dry heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
487	3.7	N.S	Undiff. heather moor: no rock, no burning, trees	Smooth grass/rushes: no rock, trees
488	36.0	N.S	Dry heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: erosion, no trees
489	2.7	N.S	Smooth grass/low scrub: no rock, no trees	Dry heather moor: no rock, no burning, no trees
490	N.S	N.S	Dry heather moor: no rock, burning, no trees	Undiff. low scrub
491	9.1	N.S	Dry heather moor: no rock, no burning, trees	Undiff. smooth grass.: no rock, trees
492	2.0	N.S	Undiff. smooth grass.: rock, no trees	Smooth grass/low scrub: rock, no trees

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Table 1.0.3 Total audit of land cover features in Scotland in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
493	7.2	N.S	Undiff. smooth grass.: no rock, no trees	Smooth grass/low scrub: no rock, no trees
494	248.9	0.3	Undiff. Nardus/Molinia: rock, no trees	Undiff. heather moor: rock, no burning, no trees
495	8.9	N.S	Blanket bog/peat. veg.: no erosion, no trees	Undiff. smooth grass.: rock, no trees
496	7.0	N.S	Maritime grassland: no trees	Dry heather moor: rock, no burning, no trees
497	23.5	N.S	Blanket bog/peat. veg.: no erosion, no trees	Undiff. Nardus/Molinia: rock, no trees
498	1.3	N.S	Links area: grass	Undiff. low scrub
499	20.4	N.S	Imp. pasture: rock, no farms, no trees	Undiff. smooth grass.: rock, no trees
500	12.1	N.S	Undiff. heather moor: no rock, no burning, trees	Blanket bog/peat. veg.: no erosion, trees
501	0.3	N.S	Smooth grass/low scrub: rock, no trees	Undiff. bracken: rock, trees
502	2.2	N.S	Smooth grass/low scrub: rock, no trees	Undiff. Nardus/Molinia: rock, no trees
503	89.0	0.1	Undiff. Nardus/Molinia: rock, no trees	Undiff. smooth grass.: rock, no trees
504	0.5	N.S	Undiff. Nardus/Molinia: rock, no trees	Smooth grass/low scrub: rock, no trees
505	5.0	N.S	Smooth grass/low scrub: rock, no trees	Undiff. bracken: rock, no trees
506	6.6	N.S	Links area: grass	Links area: heath
507	3.5	N.S	Smooth grass/low scrub: no rock, no trees	Imp. pasture: no rock, no farms, no trees
508	1.3	N.S	Maritime grassland: no trees	Imp. pasture: no rock, farms, no trees
509	3.6	N.S	Coniferous plantation (area)	Recently felled forestry
510	2.3	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. heather moor: no rock, no burning, no trees
511	0.6	N.S	Undiff. heather moor: no rock, burning, trees	Undiff. Nardus/Molinia: no rock, no trees
512	1.1	N.S	Wet heather moor: no rock, no burning, trees	Smooth grass/rushes: no rock, trees
513	3.1	N.S	Dry heather moor: no rock, no burning, trees	Undiff. bracken: no rock, trees
514	2.6	N.S	Smooth grass/low scrub: rock, no trees	Imp. pasture: rock, no farms, no trees
515	0.3	N.S	Wetlands: no drains, no trees	Imp. pasture: rock, no farms, no trees
516	11.9	N.S	Rock and cliffs (area)	Blanket bog/peat. veg.: no erosion, no trees
517	21.6	N.S	Undiff. Nardus/Molinia: rock, no trees	Wet heather moor: rock, no burning, no trees
518	36.0	N.S	Imp. pasture: no rock, farms, no trees	Smooth grass/rushes: no rock, no trees
519	0.1	N.S	Maritime grassland: no trees	Smooth grass/rushes: no rock, no trees
520	0.3	N.S	Maritime grassland: no trees	Undiff. Nardus/Molinia: rock, no trees
521	45.1	0.1	Wet heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
522	4.3	N.S	Maritime grassland: no trees	Rock and cliffs (area)
523	2.3	N.S	Smooth grass/rushes: no rock, no trees	Dry heather moor: no rock, no burning, no trees
524	38.7	N.S	Smooth grass/rushes: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
525	45.7	0.1	Blanket bog/peat. veg.: no erosion, no trees	Undiff. heather moor: no rock, burning, no trees
526	0.3	N.S	Wet heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
527	0.8	N.S	Undiff. Nardus/Molinia: no rock, no trees	Wet heather moor: rock, no burning, no trees
528	18.4	N.S	Undiff. smooth grass.: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
530	20.3	N.S	Undiff. smooth grass.: rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
531	0.3	N.S	Undiff. montane veg.: rock	Blanket bog/peat. veg.: dubh lochans
532	38.6	N.S	Dry heather moor: no rock, burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
533	4.7	N.S	Smooth grass/low scrub: no rock, trees	Undiff. bracken: no rock, trees
534	9.1	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. low scrub
535	2.2	N.S	Dry heather moor: no rock, no burning, trees	Undiff. low scrub
536	3.1	N.S	Dry heather moor: no rock, no burning, trees	Blanket bog/peat. veg.: no erosion, no trees
537	1.7	N.S	Undiff. mixed woodland (area)	Undiff. low scrub
538	0.5	N.S	Undiff. low scrub	Smooth grass/rushes: no rock, no trees
539	1.9	N.S	Blanket bog/peat. veg.: no erosion, no trees	Blanket bog/peat. veg.: dubh lochans
540	1.7	N.S	Undiff. smooth grass.: rock, no trees	Maritime grassland: no trees
541	1.9	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. heather moor: rock, no burning, no trees
542	17.3	N.S	Wet heather moor: rock, no burning, no trees	Imp. pasture: rock, no farms, no trees
543	2.7	N.S	Undiff. Nardus/Molinia: rock, no trees	Smooth grass/rushes: no rock, no trees
544	5.8	N.S	Blanket bog/peat. veg.: no erosion, no trees	Rock and cliffs (area)

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Table 1.0.3 Total audit of land cover features in Scotland in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
545	0.1	N.S	Smooth grass/rushes: no rock, no trees	Undiff. Nardus/Molinia: rock, no trees
546	1.3	N.S	Golf course	Partially stabilized dunes
547	0.7	N.S	Undiff. low scrub	Undiff. mixed woodland (area)
548	0.1	N.S	Undiff. low scrub	Partially stabilized dunes
549	1.4	N.S	Undiff. broadleaved (area)	Undiff. low scrub
550	0.4	N.S	Undiff. low scrub	Wetlands: no drains, no trees
551	1.9	N.S	Links area: heath	Undiff. low scrub
552	66.3	0.1	Dry heather moor: no rock, burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
553	11.4	N.S	Undiff. Nardus/Molinia: rock, no trees	Undiff. bracken: rock, no trees
554	3.7	N.S	Smooth grass/low scrub: rock, no trees	Smooth grass/rushes: no rock, no trees
555	N.S	N.S	Smooth grass/low scrub: rock, trees	Imp. pasture: rock, no farms, no trees
556	213.0	0.3	Wet heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: erosion, no trees
557	18.9	N.S	Undiff. bracken: rock, no trees	Undiff. smooth grass.: rock, no trees
558	18.7	N.S	Undiff. bracken: no rock, no trees	Smooth grass/rushes: no rock, no trees
559	2.7	N.S	Undiff. bracken: no rock, trees	Smooth grass/rushes: no rock, trees
560	19.8	N.S	Undiff. bracken: rock, no trees	Undiff. Nardus/Molinia: rock, no trees
561	18.2	N.S	Undiff. bracken: no rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
562	4.5	N.S	Coniferous plantation (area)	Rhododendron scrub
563	3.1	N.S	Undiff. smooth grass.: rock, no trees	Rock and cliffs (area)
564	283.7	0.4	Undiff. Nardus/Molinia: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
565	237.9	0.3	Blanket bog/peat. veg.: erosion, no trees	Wet heather moor: no rock, no burning, no trees
566	28.9	N.S	Coniferous plantation (area)	Open canopy (young plantation)
567	5.1	N.S	Wet heather moor: rock, no burning, no trees	Imp. pasture: no rock, no farms, no trees
568	32.9	N.S	Dry heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: rock, no trees
569	20.4	N.S	Recent ploughing for forestry	Open canopy (young plantation)
570	12.7	N.S	Undiff. smooth grass.: rock, no trees	Imp. pasture: rock, no farms, no trees
571	16.2	N.S	Undiff. smooth grass.: rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
572	0.3	N.S	Smooth grass/rushes: no rock, no trees	Imp. pasture: rock, no farms, no trees
573	50.6	0.1	Wet heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: rock, no trees
574	2.0	N.S	Recent ploughing for forestry	Blanket bog/peat. veg.: no erosion, no trees
575	0.3	N.S	Undiff. smooth grass.: rock, trees	Undiff. smooth grass.: rock, no trees
577	0.4	N.S	Undiff. Nardus/Molinia: rock, no trees	Maritime grassland: no trees
578	8.9	N.S	Undiff. montane veg.: rock	Undiff. montane veg.: no rock
579	3.4	N.S	Undiff. Nardus/Molinia: no rock, no trees	Undiff. smooth grass.: rock, no trees
580	849.4	1.1	Undiff. heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: erosion, no trees
581	0.4	N.S	Undiff. low scrub	Links area: grass
582	0.3	N.S	Maritime grassland: no trees	Wet heather moor: rock, no burning, no trees
583	4.2	N.S	Coniferous plantation (area)	Wet heather moor: rock, no burning, no trees
584	2.3	N.S	Undiff. bracken: rock, no trees	Undiff. low scrub
585	1.3	N.S	Undiff. bracken: rock, no trees	Smooth grass/low scrub: rock, no trees
586	13.5	N.S	Smooth grass/rushes: no rock, no trees	Undiff. bracken: no rock, no trees
587	0.5	N.S	Undiff. heather moor: rock, no burning, no trees	Undiff. bracken: rock, trees
588	7.4	N.S	Undiff. bracken: rock, trees	Undiff. smooth grass.: rock, trees
589	1.9	N.S	Smooth grass/rushes: no rock, no trees	Undiff. bracken: rock, no trees
590	2.3	N.S	Smooth grass/low scrub: no rock, trees	Smooth grass/rushes: no rock, no trees
591	0.1	N.S	Undiff. smooth grass.: rock, trees	Smooth grass/low scrub: rock, trees
592	22.0	N.S	Undiff. Nardus/Molinia: no rock, no trees	Undiff. bracken: no rock, no trees
593	20.2	N.S	Undiff. bracken: no rock, no trees	Undiff. smooth grass.: no rock, no trees
594	10.0	N.S	Golf course	Undiff. mixed woodland (line)
595	0.1	N.S	Imp. pasture: rock, farms, no trees	Wet heather moor: rock, no burning, no trees
596	102.8	0.1	Blanket bog/peat. veg.: no erosion, no trees	Blanket bog/peat. veg.: erosion, no trees

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Table 1.0.3 Total audit of land cover features in Scotland in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
597	N.S	N.S	Maritime grassland: no trees	Blanket bog/peat. veg.: other peat workings
598	1.1	N.S	Wet heather moor: rock, no burning, no trees	Imp. pasture: rock, farms, no trees
599	51.6	0.1	Blanket bog/peat. veg.: erosion, no trees	Undiff. montane veg.: rock
600	4.1	N.S	Imp. pasture: rock, farms, no trees	Smooth grass/rushes: no rock, no trees
601	1.4	N.S	Imp. pasture: rock, no farms, no trees	Undiff. Nardus/Molinia: no rock, no trees
602	91.0	0.1	Blanket bog/peat. veg.: erosion, no trees	Undiff. montane veg.: no rock
603	222.6	0.3	Undiff. montane veg.: no rock	Blanket bog/peat. veg.: erosion, no trees
604	1.9	N.S	Undiff. heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: rock, trees
605	2.9	N.S	Imp. pasture: rock, no farms, no trees	Smooth grass/low scrub: rock, no trees
606	14.2	N.S	Smooth grass/rushes: rock, no trees	Imp. pasture: rock, no farms, no trees
607	347.2	0.4	Undiff. montane veg.: rock	Blanket bog/peat. veg.: erosion, no trees
608	88.2	0.1	Undiff. montane veg.: rock	Blanket bog/peat. veg.: no erosion, no trees
609	2.9	N.S	Golf course	Coniferous plantation (point)
610	6.5	N.S	Golf course	Undiff. mixed woodland (point)
611	0.3	N.S	Undiff. mixed woodland (area)	Rhododendron scrub
612	0.3	N.S	Smooth grass/low scrub: rock, no trees	Rock and cliffs (area)
613	4.2	N.S	Golf course	Coniferous plantation (area)
615	0.3	N.S	Imp. pasture: rock, no farms, trees	Blanket bog/peat. veg.: no erosion, no trees
616	3.1	N.S	Imp. pasture: rock, no farms, no trees	Wetlands: no drains, no trees
617	0.7	N.S	Smooth grass/low scrub: rock, no trees	Wetlands: no drains, no trees
618	0.1	N.S	Built-up (area)	Smooth grass/low scrub: rock, no trees
619	0.2	N.S	Blanket bog/peat. veg.: no erosion, no trees	Smooth grass/low scrub: rock, no trees
620	117.5	0.1	Undiff. montane veg.: no rock	Blanket bog/peat. veg.: no erosion, no trees
621	0.1	N.S	Undiff. bracken: rock, trees	Blanket bog/peat. veg.: no erosion, trees
622	0.4	N.S	Undiff. bracken: rock, trees	Blanket bog/peat. veg.: no erosion, no trees
624	1.8	N.S	Undiff. smooth grass.: rock, no trees	Wetlands: no drains, no trees
625	3.5	N.S	Blanket bog/peat. veg.: no erosion, no trees	Undiff. montane veg.: rock
626	23.2	N.S	Blanket bog/peat. veg.: erosion, no trees	Rock and cliffs (area)
627	13.5	N.S	Blanket bog/peat. veg.: no erosion, no trees	Undiff. montane veg.: no rock
628	4.7	N.S	Undiff. bracken: no rock, trees	Smooth grass/low scrub: no rock, trees
629	0.4	N.S	Recent ploughing for forestry	Undiff. mixed woodland (area)
630	2.0	N.S	Dry heather moor: no rock, no burning, trees	Smooth grass/low scrub: no rock, trees
631	31.4	N.S	Undiff. smooth grass.: no rock, no trees	Dry heather moor: no rock, no burning, no trees
632	24.6	N.S	Undiff. heather moor: rock, no burning, no trees	Rock and cliffs (area)
633	3.9	N.S	Undiff. smooth grass.: rock, trees	Blanket bog/peat. veg.: no erosion, no trees
634	163.6	0.2	Blanket bog/peat. veg.: erosion, no trees	Undiff. heather moor: rock, no burning, no trees
635	1.3	N.S	Imp. pasture: no rock, no farms, no trees	Smooth grass/rushes: rock, no trees
636	21.1	N.S	Undiff. heather moor: rock, no burning, no trees	Smooth grass/rushes: rock, no trees
637	34.0	N.S	Imp. pasture: rock, no farms, no trees	Smooth grass/rushes: rock, no trees
638	N.S	N.S	Undiff. salt marsh: no trees	Rock and cliffs (area)
639	5.0	N.S	Blanket bog/peat. veg.: other peat workings	Smooth grass/rushes: rock, no trees
640	19.1	N.S	Undiff. heather moor: no rock, no burning, no trees	Undiff. montane veg.: no rock
641	1.8	N.S	Wet heather moor: no rock, no burning, no trees	Dry heather moor: no rock, no burning, no trees
642	0.1	N.S	Undiff. heather moor: no rock, no burning, no trees	Dry heather moor: no rock, no burning, no trees
643	1.6	N.S	Dry heather moor: no rock, no burning, trees	Blanket bog/peat. veg.: no erosion, trees
644	2.5	N.S	Blanket bog/peat. veg.: no erosion, trees	Undiff. heather moor: no rock, no burning, trees
645	3.5	N.S	Undiff. bracken: no rock, no trees	Smooth grass/low scrub: no rock, no trees
647	0.3	N.S	Undiff. salt marsh: no trees	Wetlands: no drains, trees
648	0.2	N.S	Wetlands: no drains, trees	Undiff. salt marsh: no trees
649	0.1	N.S	Undiff. bracken: no rock, trees	Recent ploughing for forestry
650	20.3	N.S	Dry heather moor: no rock, burning, no trees	Blanket bog/peat. veg.: erosion, no trees

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Table 1.0.3 Total audit of land cover features in Scotland in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
651	8.0	N.S	Undiff. smooth grass.: no rock, trees	Smooth grass/rushes: no rock, no trees
652	3.9	N.S	Imp. pasture: no rock, no farms, no trees	Smooth grass/low scrub: no rock, trees
653	N.S	N.S	Undiff. smooth grass.: no rock, trees	Smooth grass/low scrub: no rock, trees
654	4.4	N.S	Golf course	Undiff. mixed woodland (area)
655	N.S	N.S	Arable: no rock, no farms, no trees	Smooth grass/low scrub: no rock, no trees
656	13.9	N.S	Undiff. heather moor: rock, no burning, no trees	Maritime grassland: no trees
657	3.1	N.S	Blanket bog/peat. veg.: other peat workings	Blanket bog/peat. veg.: erosion, no trees
659	3.5	N.S	Undiff. bracken: no rock, no trees	Dry heather moor: no rock, no burning, no trees
660	2.0	N.S	Imp. pasture: no rock, no farms, no trees	Smooth grass/low scrub: rock, no trees
661	0.2	N.S	Undiff. smooth grass.: no rock, trees	Wetlands: no drains, trees
662	0.4	N.S	Undiff. smooth grass.: no rock, no trees	Coniferous plantation (area)
663	0.9	N.S	Coniferous plantation (area)	Undiff. smooth grass.: no rock, no trees
664	0.1	N.S	Smooth grass/low scrub: no rock, no trees	Smooth grass/low scrub: no rock, trees
665	0.6	N.S	Undiff. heather moor: rock, no burning, no trees	Undiff. heather moor: no rock, no burning, no trees
666	1.2	N.S	Blanket bog/peat. veg.: erosion, no trees	Blanket bog/peat. veg.: dubh lochans
667	1.9	N.S	Blanket bog/peat. veg.: dubh lochans	Wet heather moor: rock, no burning, no trees
668	55.2	0.1	Undiff. Nardus/Molinia: no rock, no trees	Imp. pasture: no rock, no farms, no trees
669	0.6	N.S	Blanket bog/peat. veg.: dubh lochans	Wet heather moor: no rock, no burning, no trees
670	0.5	N.S	Wet heather moor: no rock, no burning, no trees	Imp. pasture: rock, no farms, no trees
671	0.3	N.S	Wet heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: dubh lochans
672	2.7	N.S	Golf course	Undiff. broadleaved (line)
673	5.3	N.S	Blanket bog/peat. veg.: dubh lochans	Blanket bog/peat. veg.: erosion, no trees
674	0.3	N.S	Undiff. low scrub	Imp. pasture: no rock, no farms, no trees
675	0.3	N.S	Blanket bog/peat. veg.: no erosion, trees	Undiff. broadleaved (area)
676	0.8	N.S	Undiff. broadleaved (area)	Smooth grass/rushes: no rock, no trees
677	2.2	N.S	Undiff. smooth grass.: no rock, trees	Undiff. Nardus/Molinia: no rock, no trees
678	5.2	N.S	Imp. pasture: no rock, no farms, trees	Smooth grass/rushes: no rock, no trees
679	3.8	N.S	Golf course	Undiff. broadleaved (point)
680	1.2	N.S	Dry heather moor: no rock, no burning, no trees	Quarries and opencast (area)
681	0.1	N.S	Dry heather moor: no rock, burning, no trees	Quarries and opencast (area)
682	0.3	N.S	Imp. pasture: no rock, no farms, trees	Undiff. low scrub
683	7.3	N.S	Smooth grass/low scrub: rock, trees	Undiff. bracken: rock, trees
684	1.4	N.S	Undiff. smooth grass.: rock, trees	Dry heather moor: rock, no burning, trees
685	1.8	N.S	Golf course	Undiff. broadleaved (area)
686	2.7	N.S	Undiff. heather moor: no rock, burning, no trees	Blanket bog/peat. veg.: other peat workings
687	0.6	N.S	Blanket bog/peat. veg.: other peat workings	Undiff. heather moor: no rock, burning, no trees
688	4.2	N.S	Blanket bog/peat. veg.: no erosion, no trees	Imp. pasture: no rock, no farms, no trees
689	232.0	0.3	Blanket bog/peat. veg.: erosion, no trees	Blanket bog/peat. veg.: no erosion, no trees
690	6.1	N.S	Blanket bog/peat. veg.: erosion, no trees	Blanket bog/peat. veg.: other peat workings
691	4.5	N.S	Smooth grass/low scrub: rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
692	1.6	N.S	Blanket bog/peat. veg.: dubh lochans	Blanket bog/peat. veg.: no erosion, no trees
693	3.1	N.S	Wet heather moor: no rock, no burning, no trees	Imp. pasture: no rock, no farms, no trees
694	1.4	N.S	Golf course	Smooth grass/low scrub: rock, no trees
695	77.8	0.1	Undiff. heather moor: no rock, burning, no trees	Smooth grass/rushes: no rock, no trees
696	0.6	N.S	Dry heather moor: no rock, no burning, no trees	Imp. pasture: no rock, no farms, no trees
697	2.7	N.S	Smooth grass/rushes: no rock, no trees	Wetlands: no drains, no trees
698	0.3	N.S	Undiff. smooth grass.: rock, no trees	Partially stabilized dunes
699	0.7	N.S	Wet heather moor: rock, no burning, no trees	Smooth grass/rushes: no rock, no trees
700	0.4	N.S	Imp. pasture: no rock, farms, no trees	Imp. pasture: rock, farms, no trees
701	0.2	N.S	Smooth grass/rushes: no rock, no trees	Wet heather moor: rock, no burning, no trees
702	0.3	N.S	Undiff. smooth grass.: no rock, no trees	Partially stabilized dunes

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Table 1.0.3 Total audit of land cover features in Scotland in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
703	0.1	N.S	Blanket bog/peat. veg.: other peat workings	Rock and cliffs (area)
704	5.4	N.S	Wet heather moor: no rock, no burning, no trees	Undiff. smooth grass.: rock, no trees
705	0.7	N.S	Rock and cliffs (area)	Smooth grass/low scrub: rock, no trees
706	0.8	N.S	Rock and cliffs (area)	Undiff. smooth grass.: no rock, no trees
707	2.9	N.S	Dry heather moor: no rock, no burning, trees	Smooth grass/rushes: no rock, no trees
708	0.7	N.S	Undiff. bracken: no rock, no trees	Dry heather moor: no rock, burning, no trees
709	0.9	N.S	Smooth grass/rushes: no rock, no trees	Smooth grass/low scrub: no rock, trees
710	1.0	N.S	Smooth grass/low scrub: no rock, trees	Imp. pasture: no rock, no farms, no trees
711	1.1	N.S	Undiff. broadleaved (area)	Smooth grass/low scrub: no rock, trees
712	1.0	N.S	Smooth grass/low scrub: no rock, trees	Undiff. broadleaved (area)
713	0.2	N.S	Undiff. low scrub	Undiff. smooth grass.: no rock, no trees
714	0.3	N.S	Rock and cliffs (area)	Smooth grass/low scrub: no rock, no trees
715	0.1	N.S	Undiff. salt marsh: no trees	Wetlands: no drains, no trees
716	6.3	N.S	Smooth grass/rushes: rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
717	N.S	N.S	Links area: grass	Undiff. smooth grass.: rock, no trees
718	0.8	N.S	Partially stabilized dunes	Rock and cliffs (area)
719	3.5	N.S	Links area: grass	Wetlands: no drains, no trees
720	0.7	N.S	Undiff. smooth grass.: rock, no trees	Links area: grass
721	49.8	0.1	Smooth grass/rushes: rock, no trees	Undiff. heather moor: rock, no burning, no trees
722	0.3	N.S	Smooth grass/low scrub: no rock, trees	Dry heather moor: no rock, no burning, no trees
723	1.2	N.S	Bare dunes	Partially stabilized dunes
724	0.3	N.S	Imp. pasture: rock, no farms, no trees	Links area: grass
725	1.9	N.S	Blanket bog/peat. veg.: no erosion, no trees	Smooth grass/rushes: rock, no trees
726	0.4	N.S	Recent ploughing for forestry	Wet heather moor: rock, no burning, no trees
727	6.4	N.S	Blanket bog/peat. veg.: no erosion, no trees	Undiff. smooth grass.: no rock, no trees
728	37.9	N.S	Blanket bog/peat. veg.: erosion, no trees	Dry heather moor: no rock, no burning, no trees
729	1.3	N.S	Undiff. smooth grass.: no rock, no trees	Dry heather moor: no rock, burning, no trees
730	13.1	N.S	Blanket bog/peat. veg.: erosion, no trees	Dry heather moor: no rock, burning, no trees
731	0.4	N.S	Dry heather moor: no rock, no burning, no trees	Smooth grass/low scrub: no rock, trees
732	0.1	N.S	Smooth grass/rushes: no rock, no trees	Blanket bog/peat. veg.: no erosion, trees
733	0.4	N.S	Undiff. mixed woodland (area)	Dry heather moor: no rock, no burning, trees
734	0.7	N.S	Open canopy (young plantation)	Undiff. heather moor: no rock, no burning, trees
735	12.0	N.S	Coniferous plantation (area)	Coniferous semi-natural (area)
736	391.2	0.5	Blanket bog/peat. veg.: erosion, no trees	Undiff. heather moor: no rock, no burning, no trees
737	20.1	N.S	Coniferous plantation (area)	Undiff. broadleaved (area)
738	0.2	N.S	Smooth grass/rushes: no rock, no trees	Undiff. heather moor: rock, no burning, no trees
739	0.5	N.S	Undiff. heather moor: rock, no burning, trees	Blanket bog/peat. veg.: erosion, trees
740	6.3	N.S	Undiff. heather moor: rock, no burning, trees	Undiff. Nardus/Molinia: rock, trees
741	13.0	N.S	Undiff. heather moor: no rock, no burning, trees	Undiff. Nardus/Molinia: no rock, trees
742	2.1	N.S	Undiff. bracken: rock, trees	Undiff. Nardus/Molinia: rock, trees
743	13.7	N.S	Undiff. Nardus/Molinia: rock, no trees	Blanket bog/peat. veg.: erosion, no trees
744	7.3	N.S	Rock and cliffs (area)	Undiff. heather moor: rock, no burning, no trees
745	1.5	N.S	Undiff. heather moor: rock, no burning, trees	Blanket bog/peat. veg.: no erosion, no trees
746	2.5	N.S	Dry heather moor: rock, no burning, trees	Undiff. bracken: rock, trees
747	0.1	N.S	Links area: grass	Smooth grass/low scrub: no rock, trees
748	0.5	N.S	Partially stabilized dunes	Undiff. low scrub
749	0.2	N.S	Undiff. Nardus/Molinia: no rock, trees	Dry heather moor: no rock, no burning, trees
750	1.0	N.S	Blanket bog/peat. veg.: no erosion, trees	Smooth grass/rushes: no rock, trees
751	8.5	N.S	Undiff. broadleaved (area)	Undiff. smooth grass.: no rock, no trees
752	0.5	N.S	Dry heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, trees
753	0.1	N.S	Dry heather moor: rock, no burning, no trees	Smooth grass/low scrub: no rock, trees

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Table 1.0.3 Total audit of land cover features in Scotland in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
754	0.8	N.S	Undiff. heather moor: rock, burning, no trees	Smooth grass/rushes: no rock, no trees
755	7.5	N.S	Undiff. smooth grass.: rock, no trees	Dry heather moor: no rock, no burning, no trees
756	3.7	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. smooth grass.: no rock, trees
757	1.1	N.S	Undiff. Nardus/Molinia: rock, trees	Undiff. smooth grass.: rock, trees
758	0.1	N.S	Undiff. smooth grass.: no rock, no trees	Blanket bog/peat. veg.: no erosion, trees
759	1.2	N.S	Undiff. smooth grass.: rock, trees	Smooth grass/rushes: no rock, no trees
760	0.2	N.S	Dry heather moor: no rock, no burning, trees	Undiff. smooth grass.: no rock, no trees
761	1.3	N.S	Undiff. smooth grass.: no rock, no trees	Undiff. low scrub
762	23.3	N.S	Undiff. Nardus/Molinia: no rock, no trees	Dry heather moor: no rock, no burning, no trees
763	0.2	N.S	Undiff. smooth grass.: no rock, no trees	Recent ploughing for forestry
764	0.1	N.S	Imp. pasture: no rock, farms, no trees	Dry heather moor: rock, no burning, trees
765	0.7	N.S	Undiff. heather moor: rock, no burning, trees	Undiff. broadleaved (area)
766	2.3	N.S	Undiff. broadleaved (area)	Undiff. smooth grass.: rock, trees
767	0.4	N.S	Undiff. Nardus/Molinia: no rock, no trees	Rock and cliffs (area)
768	0.3	N.S	Undiff. mixed woodland (area)	Undiff. bracken: no rock, trees
769	0.3	N.S	Undiff. mixed woodland (area)	Undiff. smooth grass.: rock, trees
770	4.3	N.S	Undiff. heather moor: rock, no burning, trees	Undiff. bracken: rock, trees
771	9.2	N.S	Undiff. heather moor: rock, no burning, trees	Undiff. smooth grass.: rock, trees
772	N.S	N.S	Undiff. low scrub	Undiff. Nardus/Molinia: rock, trees
773	0.6	N.S	Recently felled forestry	Undiff. broadleaved (area)
774	1.3	N.S	Dry heather moor: rock, no burning, trees	Undiff. bracken: rock, no trees
775	0.1	N.S	Undiff. broadleaved (area)	Dry heather moor: rock, no burning, trees
776	0.5	N.S	Undiff. heather moor: rock, no burning, trees	Undiff. smooth grass.: no rock, trees
777	0.5	N.S	Undiff. broadleaved (area)	Undiff. bracken: rock, trees
779	1.6	N.S	Dry heather moor: rock, no burning, no trees	Rock and cliffs (area)
780	2.5	N.S	Undiff. montane veg.: no rock	Rock and cliffs (area)
781	0.1	N.S	Undiff. heather moor: no rock, no burning, no trees	Partially stabilized dunes
782	2.9	N.S	Undiff. broadleaved (area)	Undiff. heather moor: rock, no burning, no trees
783	8.1	N.S	Undiff. smooth grass.: rock, trees	Undiff. heather moor: rock, no burning, trees
784	0.5	N.S	Undiff. smooth grass.: rock, no trees	Undiff. heather moor: rock, no burning, trees
785	2.1	N.S	Undiff. heather moor: rock, no burning, trees	Undiff. smooth grass.: rock, no trees
786	0.3	N.S	Blanket bog/peat. veg.: no erosion, no trees	Undiff. smooth grass.: no rock, trees
787	48.1	0.1	Smooth grass/rushes: rock, no trees	Undiff. bracken: rock, no trees
788	4.4	N.S	Undiff. broadleaved (area)	Undiff. heather moor: rock, no burning, trees
789	0.8	N.S	Imp. pasture: no rock, no farms, trees	Undiff. smooth grass.: rock, trees
790	0.1	N.S	Smooth grass/rushes: rock, trees	Undiff. heather moor: rock, no burning, no trees
791	0.6	N.S	Imp. pasture: no rock, no farms, trees	Smooth grass/low scrub: no rock, trees
792	1.0	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. smooth grass.: rock, trees
793	1.2	N.S	Imp. pasture: no rock, no farms, no trees	Links area: grass
794	0.1	N.S	Undiff. heather moor: rock, no burning, no trees	Links area: grass
795	0.1	N.S	Dry heather moor: no rock, burning, no trees	Undiff. bracken: rock, no trees
796	0.4	N.S	Undiff. broadleaved (area)	Dry heather moor: rock, no burning, no trees
797	0.3	N.S	Links area: grass	Undiff. smooth grass.: no rock, no trees
798	1.9	N.S	Smooth grass/low scrub: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
799	2.3	N.S	Bings and refuse tips (area)	Undiff. Nardus/Molinia: no rock, no trees
800	3.9	N.S	Undiff. heather moor: rock, no burning, trees	Blanket bog/peat. veg.: no erosion, trees
801	1.3	N.S	Smooth grass/low scrub: no rock, trees	Smooth grass/rushes: no rock, trees
802	7.4	N.S	Open canopy (young plantation)	Recent ploughing for forestry
803	0.9	N.S	Smooth grass/rushes: rock, no trees	Undiff. smooth grass.: rock, no trees
804	0.8	N.S	Smooth grass/low scrub: rock, no trees	Imp. pasture: no rock, no farms, no trees
805	0.1	N.S	Smooth grass/rushes: no rock, trees	Blanket bog/peat. veg.: erosion, trees

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Table 1.0.3 Total audit of land cover features in Scotland in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
806	2.3	N.S	Undiff. low scrub	Blanket bog/peat. veg.: no erosion, no trees
807	0.2	N.S	Undiff. low scrub	Dry heather moor: no rock, no burning, no trees
808	0.1	N.S	Dry heather moor: no rock, no burning, no trees	Wet heather moor: no rock, no burning, trees
809	2.7	N.S	Undiff. heather moor: no rock, no burning, no trees	Undiff. low scrub
810	0.9	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. mixed woodland (area)
811	0.5	N.S	Dry heather moor: no rock, burning, trees	Smooth grass/low scrub: no rock, trees
812	0.4	N.S	Dry heather moor: rock, no burning, no trees	Undiff. low scrub
813	0.2	N.S	Dry heather moor: no rock, no burning, trees	Wet heather moor: no rock, no burning, no trees
814	0.1	N.S	Dry heather moor: no rock, no burning, no trees	Recently felled forestry
815	0.1	N.S	Coniferous plantation (area)	Smooth grass/low scrub: no rock, no trees
816	5.7	N.S	Imp. pasture: no rock, no farms, no trees	Wet heather moor: no rock, no burning, no trees
817	0.5	N.S	Imp. pasture: no rock, farms, no trees	Wet heather moor: rock, no burning, no trees
818	0.1	N.S	Wetlands: no drains, no trees	Imp. pasture: no rock, no farms, no trees
819	3.7	N.S	Smooth grass/rushes: no rock, no trees	Wetlands: drains, no trees
820	1.2	N.S	Undiff. Nardus/Molinia: no rock, no trees	Dry heather moor: no rock, burning, no trees
821	1.4	N.S	Imp. pasture: no rock, farms, no trees	Smooth grass/rushes: rock, no trees
822	0.6	N.S	Links area: grass	Imp. pasture: rock, no farms, no trees
823	1.5	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. Nardus/Molinia: rock, no trees
824	4.0	N.S	Imp. pasture: no rock, farms, no trees	Undiff. smooth grass.: rock, no trees
825	0.9	N.S	Smooth grass/rushes: no rock, trees	Undiff. low scrub
826	0.2	N.S	Undiff. Nardus/Molinia: no rock, no trees	Blanket bog/peat. veg.: other peat workings
827	0.5	N.S	Links area: grass	Partially stabilized dunes
828	1.4	N.S	Imp. pasture: no rock, farms, trees	Smooth grass/low scrub: no rock, trees
829	N.S	N.S	Blanket bog/peat. veg.: dubh lochans	Recent ploughing for forestry
830	N.S	N.S	Recent ploughing for forestry	Blanket bog/peat. veg.: dubh lochans
831	3.2	N.S	Undiff. smooth grass.: rock, trees	Undiff. Nardus/Molinia: rock, trees
832	1.4	N.S	Undiff. smooth grass.: no rock, no trees	Links area: grass
833	8.4	N.S	Imp. pasture: no rock, farms, no trees	Undiff. Nardus/Molinia: no rock, no trees
834	0.2	N.S	Blanket bog/peat. veg.: other peat workings	Undiff. Nardus/Molinia: no rock, no trees
835	5.8	N.S	Undiff. smooth grass.: rock, trees	Undiff. bracken: rock, no trees
836	0.8	N.S	Partially stabilized dunes	Quarries and opencast (area)
837	0.1	N.S	Undiff. bracken: rock, trees	Undiff. Nardus/Molinia: rock, no trees
838	1.2	N.S	Undiff. bracken: rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
839	0.3	N.S	Undiff. bracken: rock, trees	Undiff. low scrub
840	0.6	N.S	Undiff. low scrub	Undiff. bracken: no rock, no trees
841	0.9	N.S	Undiff. broadleaved (area)	Dry heather moor: no rock, burning, trees
842	1.8	N.S	Smooth grass/rushes: rock, no trees	Undiff. Nardus/Molinia: rock, no trees
843	2.5	N.S	Dry heather moor: rock, burning, no trees	Undiff. bracken: rock, no trees
844	2.8	N.S	Dry heather moor: no rock, burning, no trees	Undiff. bracken: no rock, no trees
845	6.2	N.S	Dry heather moor: rock, no burning, no trees	Undiff. bracken: no rock, no trees
846	0.1	N.S	Undiff. bracken: no rock, trees	Smooth grass/low scrub: no rock, no trees
847	0.1	N.S	Dry heather moor: no rock, burning, no trees	Undiff. bracken: no rock, trees
848	8.1	N.S	Blanket bog/peat. veg.: erosion, no trees	Undiff. heather moor: no rock, burning, no trees
849	1.3	N.S	Smooth grass/rushes: no rock, no trees	Open canopy (young plantation)
850	1.4	N.S	Undiff. heather moor: rock, no burning, no trees	Smooth grass/rushes: no rock, no trees
851	0.5	N.S	Smooth grass/rushes: no rock, trees	Imp. pasture: no rock, farms, trees
852	1.4	N.S	Recently felled forestry	Recent ploughing for forestry
853	1.5	N.S	Recent ploughing for forestry	Undiff. broadleaved (point)
855	2.7	N.S	Smooth grass/rushes: no rock, no trees	Undiff. smooth grass.: rock, no trees
856	0.3	N.S	Undiff. Nardus/Molinia: no rock, no trees	Undiff. low scrub
857	0.6	N.S	Undiff. heather moor: no rock, no burning, no trees	Smooth grass/low scrub: no rock, trees

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Table 1.0.3 Total audit of land cover features in Scotland in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
858	N.S	N.S	Undiff. low scrub	Undiff. heather moor: no rock, no burning, trees
859	0.3	N.S	Dry heather moor: no rock, no burning, no trees	Dry heather moor: rock, no burning, no trees
860	9.3	N.S	Undiff. heather moor: no rock, burning, no trees	Blanket bog/peat. veg.: erosion, no trees
861	1.5	N.S	Undiff. bracken: no rock, no trees	Undiff. low scrub
862	0.7	N.S	Undiff. smooth grass.: rock, no trees	Undiff. low scrub
863	0.1	N.S	Smooth grass/low scrub: rock, no trees	Undiff. low scrub
865	0.2	N.S	Undiff. smooth grass.: rock, trees	Undiff. low scrub
866	N.S	N.S	Wetlands: no drains, trees	Undiff. smooth grass.: no rock, trees
867	0.2	N.S	Undiff. smooth grass.: rock, trees	Wetlands: no drains, trees
868	1.3	N.S	Wetlands: no drains, no trees	Undiff. smooth grass.: no rock, no trees
869	1.9	N.S	Undiff. bracken: rock, trees	Smooth grass/low scrub: rock, trees
870	0.4	N.S	Undiff. low scrub	Undiff. broadleaved (point)
871	0.4	N.S	Partially stabilized dunes	Wetlands: no drains, no trees
872	1.0	N.S	Partially stabilized dunes	Smooth grass/low scrub: no rock, no trees
873	260.0	0.3	Undiff. montane veg.: rock	Undiff. heather moor: rock, no burning, no trees
874	N.S	N.S	Dry heather moor: no rock, no burning, no trees	Undiff. heather moor: rock, no burning, trees
875	N.S	N.S	Undiff. low scrub	Coniferous plantation (area)
876	0.9	N.S	Smooth grass/rushes: no rock, trees	Dry heather moor: no rock, no burning, trees
877	0.1	N.S	Cliffs (line)	Wet heather moor: no rock, no burning, trees
878	0.1	N.S	Blanket bog/peat. veg.: no erosion, trees	Undiff. smooth grass.: no rock, trees
879	1.0	N.S	Undiff. smooth grass.: rock, trees	Undiff. heather moor: rock, no burning, no trees
880	0.8	N.S	Smooth grass/rushes: rock, trees	Undiff. bracken: rock, trees
881	0.9	N.S	Undiff. broadleaved (area)	Undiff. bracken: no rock, trees
882	2.1	N.S	Blanket bog/peat. veg.: no erosion, no trees	Undiff. smooth grass.: rock, trees
883	9.2	N.S	Open canopy (young plantation)	Undiff. broadleaved (area)
884	0.1	N.S	Blanket bog/peat. veg.: no erosion, no trees	Undiff. broadleaved (area)
885	2.3	N.S	Smooth grass/rushes: rock, no trees	Blanket bog/peat. veg.: erosion, no trees
886	0.7	N.S	Imp. pasture: no rock, farms, trees	Blanket bog/peat. veg.: no erosion, trees
887	0.2	N.S	Imp. pasture: no rock, farms, no trees	Smooth grass/rushes: rock, trees
888	4.1	N.S	Blanket bog/peat. veg.: dubh lochans	Undiff. heather moor: no rock, no burning, no trees
889	2.5	N.S	Blanket bog/peat. veg.: no erosion, no trees	Wetlands: no drains, no trees
890	27.8	N.S	Undiff. montane veg.: no rock	Undiff. heather moor: no rock, no burning, no trees
891	5.3	N.S	Undiff. montane veg.: rock	Undiff. heather moor: no rock, no burning, no trees
892	21.9	N.S	Dry heather moor: no rock, no burning, no trees	Undiff. montane veg.: no rock
893	20.7	N.S	Undiff. montane veg.: no rock	Dry heather moor: no rock, no burning, no trees
894	0.2	N.S	Recently felled forestry	Coniferous semi-natural (point)
895	0.8	N.S	Open canopy (young plantation)	Coniferous semi-natural (point)
896	40.0	0.1	Undiff. montane veg.: rock	Dry heather moor: rock, no burning, no trees
897	N.S	N.S	Undiff. low scrub	Arable: no rock, no farms, no trees
898	2.1	N.S	Golf course	Smooth grass/low scrub: no rock, trees
899	0.3	N.S	Coniferous semi-natural (area)	Coniferous plantation (area)
900	1.4	N.S	Coniferous semi-natural (area)	Undiff. heather moor: no rock, no burning, trees
901	0.1	N.S	Coniferous plantation (area)	Wetlands: no drains, trees
902	0.5	N.S	Undiff. mixed woodland (area)	Built-up (area)
903	0.4	N.S	Wetlands: drains, no trees	Smooth grass/rushes: no rock, no trees
904	16.0	N.S	Dry heather moor: rock, no burning, no trees	Undiff. montane veg.: rock
905	2.2	N.S	Undiff. heather moor: no rock, no burning, no trees	Undiff. montane veg.: rock
906	0.3	N.S	Coniferous semi-natural (area)	Rock and cliffs (area)
907	0.3	N.S	Wet heather moor: no rock, no burning, trees	Blanket bog/peat. veg.: no erosion, trees
908	N.S	N.S	Recently felled forestry	Undiff. low scrub
909	2.1	N.S	Undiff. heather moor: rock, burning, no trees	Undiff. Nardus/Molinia: rock, no trees

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Table 1.0.3 Total audit of land cover features in Scotland in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
910	1.0	N.S	Undiff. montane veg.: no rock	Undiff. Nardus/Molinia: no rock, no trees
911	1.9	N.S	Blanket bog/peat. veg.: other peat workings	Undiff. smooth grass.: rock, no trees
912	61.2	0.1	Undiff. heather moor: rock, no burning, no trees	Undiff. montane veg.: rock
913	0.2	N.S	Coniferous semi-natural (area)	Blanket bog/peat. veg.: no erosion, no trees
914	3.3	N.S	Undiff. Nardus/Molinia: rock, no trees	Imp. pasture: rock, no farms, no trees
915	0.2	N.S	Undiff. Nardus/Molinia: no rock, no trees	Undiff. Nardus/Molinia: rock, no trees
916	1.8	N.S	Dry heather moor: no rock, no burning, no trees	Undiff. heather moor: no rock, no burning, no trees
917	1.0	N.S	Undiff. Nardus/Molinia: no rock, no trees	Undiff. montane veg.: no rock
918	0.1	N.S	Dry heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: rock, trees
919	2.1	N.S	Undiff. Nardus/Molinia: rock, no trees	Undiff. heather moor: no rock, no burning, no trees
920	3.4	N.S	Dry heather moor: no rock, burning, no trees	Undiff. montane veg.: no rock
921	16.1	N.S	Undiff. montane veg.: rock	Dry heather moor: no rock, no burning, no trees
922	0.2	N.S	Dry heather moor: no rock, burning, trees	Undiff. smooth grass.: rock, no trees
923	5.6	N.S	Undiff. heather moor: rock, no burning, no trees	Undiff. bracken: no rock, no trees
924	3.1	N.S	Undiff. heather moor: rock, burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
925	5.4	N.S	Undiff. Nardus/Molinia: no rock, trees	Undiff. heather moor: no rock, no burning, trees
927	0.3	N.S	Undiff. mixed woodland (area)	Undiff. Nardus/Molinia: no rock, trees
928	0.6	N.S	Coniferous semi-natural (area)	Undiff. broadleaved (area)
929	0.7	N.S	Undiff. Nardus/Molinia: no rock, no trees	Undiff. heather moor: rock, no burning, no trees
931	0.1	N.S	Dry heather moor: no rock, no burning, trees	Open canopy (young plantation)
933	42.8	0.1	Undiff. heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
937	0.9	N.S	Smooth grass/low scrub: rock, no trees	Blanket bog/peat. veg.: no erosion, trees
938	4.9	N.S	Blanket bog/peat. veg.: erosion, no trees	Smooth grass/rushes: no rock, no trees
939	1.6	N.S	Undiff. smooth grass.: rock, no trees	Blanket bog/peat. veg.: erosion, no trees
940	1.3	N.S	Undiff. heather moor: rock, no burning, trees	Rock and cliffs (area)
941	0.1	N.S	Undiff. Nardus/Molinia: rock, trees	Undiff. broadleaved (area)
942	2.5	N.S	Rock and cliffs (area)	Undiff. Nardus/Molinia: rock, no trees
943	1.0	N.S	Undiff. Nardus/Molinia: rock, trees	Rock and cliffs (area)
945	0.8	N.S	Undiff. broadleaved (area)	Rock and cliffs (area)
946	0.2	N.S	Undiff. broadleaved (area)	Undiff. Nardus/Molinia: rock, no trees
947	1.6	N.S	Undiff. bracken: rock, trees	Undiff. heather moor: rock, no burning, trees
948	32.8	N.S	Dry heather moor: no rock, no burning, no trees	Undiff. montane veg.: rock
950	1.4	N.S	Dry heather moor: no rock, no burning, trees	Undiff. Nardus/Molinia: no rock, trees
951	0.1	N.S	Undiff. broadleaved (area)	Coniferous semi-natural (area)
952	1.3	N.S	Undiff. heather moor: no rock, no burning, trees	Blanket bog/peat. veg.: erosion, no trees
953	0.7	N.S	Undiff. smooth grass.: no rock, no trees	Blanket bog/peat. veg.: erosion, no trees
954	2.0	N.S	Golf course	Smooth grass/low scrub: no rock, no trees
955	7.8	N.S	Imp. pasture: no rock, no farms, no trees	Wetlands: no drains, no trees
956	5.6	N.S	Dry heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
957	0.3	N.S	Imp. pasture: rock, no farms, trees	Smooth grass/rushes: no rock, trees
958	0.1	N.S	Undiff. broadleaved (area)	Smooth grass/low scrub: rock, no trees
959	0.2	N.S	Undiff. low scrub	Dry heather moor: rock, no burning, no trees
960	0.5	N.S	Imp. pasture: no rock, no farms, trees	Smooth grass/low scrub: rock, trees
961	0.1	N.S	Imp. pasture: no rock, no farms, trees	Undiff. smooth grass.: no rock, trees
962	0.2	N.S	Imp. pasture: rock, no farms, no trees	Smooth grass/low scrub: no rock, trees
963	0.1	N.S	Dry heather moor: rock, no burning, trees	Smooth grass/low scrub: rock, no trees
964	0.8	N.S	Smooth grass/low scrub: rock, no trees	Dry heather moor: rock, no burning, no trees
965	0.3	N.S	Smooth grass/low scrub: rock, trees	Smooth grass/rushes: no rock, trees
966	0.4	N.S	Blanket bog/peat. veg.: no erosion, trees	Smooth grass/low scrub: no rock, trees
967	0.6	N.S	Blanket bog/peat. veg.: no erosion, trees	Undiff. smooth grass.: no rock, no trees
968	12.0	N.S	Imp. pasture: no rock, farms, no trees	Wetlands: drains, no trees

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Table 1.0.3 Total audit of land cover features in Scotland in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
969	1.6	N.S	Undiff. smooth grass.: no rock, no trees	Wetlands: no drains, no trees
970	2.1	N.S	Maritime grassland: no trees	Undiff. heather moor: no rock, no burning, no trees
971	16.2	N.S	Imp. pasture: no rock, farms, no trees	Wetlands: no drains, no trees
972	2.5	N.S	Undiff. heather moor: no rock, no burning, no trees	Maritime grassland: no trees
973	2.3	N.S	Wet heather moor: no rock, burning, no trees	Smooth grass/rushes: no rock, no trees
974	2.3	N.S	Smooth grass/rushes: no rock, no trees	Undiff. heather moor: no rock, burning, no trees
975	2.3	N.S	Blanket bog/peat. veg.: no erosion, no trees	Dry heather moor: no rock, no burning, no trees
976	4.0	N.S	Undiff. smooth grass.: no rock, no trees	Maritime grassland: no trees
977	0.8	N.S	Maritime grassland: no trees	Dry heather moor: no rock, no burning, no trees
978	0.6	N.S	Dry heather moor: no rock, burning, no trees	Undiff. smooth grass.: no rock, trees
979	1.5	N.S	Imp. pasture: no rock, no farms, no trees	Smooth grass/rushes: no rock, trees
980	0.5	N.S	Imp. pasture: no rock, no farms, no trees	Dry heather moor: no rock, no burning, no trees
981	0.1	N.S	Undiff. heather moor: no rock, burning, no trees	Smooth grass/rushes: rock, no trees
983	0.6	N.S	Dry heather moor: no rock, no burning, trees	Undiff. bracken: no rock, no trees
984	1.3	N.S	Undiff. Nardus/Molinia: rock, trees	Undiff. bracken: no rock, no trees
985	11.6	N.S	Undiff. montane veg.: rock	Rock and cliffs (area)
986	1.7	N.S	Dry heather moor: no rock, no burning, trees	Wet heather moor: no rock, no burning, trees
987	0.4	N.S	Dry heather moor: no rock, no burning, trees	Undiff. heather moor: no rock, no burning, no trees
988	1.2	N.S	Dry heather moor: no rock, burning, trees	Blanket bog/peat. veg.: no erosion, no trees
989	1.1	N.S	Dry heather moor: rock, no burning, no trees	Undiff. heather moor: no rock, no burning, no trees
990	0.7	N.S	Dry heather moor: rock, no burning, no trees	Undiff. heather moor: rock, no burning, no trees
991	0.4	N.S	Dry heather moor: rock, burning, trees	Wet heather moor: no rock, no burning, trees
992	9.9	N.S	Smooth grass/rushes: no rock, no trees	Blanket bog/peat. veg.: erosion, no trees
993	0.7	N.S	Coniferous plantation (area)	Undiff. heather moor: no rock, no burning, no trees
994	3.5	N.S	Dry heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: erosion, no trees
995	7.0	N.S	Undiff. smooth grass.: rock, no trees	Undiff. heather moor: no rock, no burning, no trees
996	0.4	N.S	Undiff. smooth grass.: rock, trees	Dry heather moor: rock, no burning, no trees
997	0.3	N.S	Blanket bog/peat. veg.: erosion, no trees	Dry heather moor: rock, no burning, no trees
998	0.1	N.S	No photography	No photography
1000	1.1	N.S	Undiff. Nardus/Molinia: rock, no trees	Undiff. bracken: no rock, no trees
1001	0.1	N.S	Undiff. smooth grass.: rock, trees	Undiff. bracken: no rock, trees
1002	2.7	N.S	Coniferous plantation (area)	Undiff. heather moor: rock, no burning, no trees
1005	0.9	N.S	Wet heather moor: no rock, no burning, no trees	Maritime grassland: no trees
1006	0.1	N.S	Dry heather moor: rock, no burning, no trees	Recent ploughing for forestry
1007	2.4	N.S	Undiff. heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: rock, no trees
1009	N.S	N.S	Undiff. low scrub	Dry heather moor: no rock, no burning, trees
1016	9.5	N.S	Dry heather moor: rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
1017	1.5	N.S	Undiff. heather moor: no rock, burning, no trees	Undiff. montane veg.: no rock
1018	2.6	N.S	Imp. pasture: rock, no farms, no trees	Undiff. Nardus/Molinia: rock, no trees
1019	10.2	N.S	Imp. pasture: rock, no farms, no trees	Undiff. bracken: rock, no trees
1020	0.5	N.S	Smooth grass/rushes: no rock, trees	Smooth grass/rushes: no rock, no trees
1021	2.8	N.S	Undiff. bracken: rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
1022	0.8	N.S	Undiff. smooth grass.: rock, trees	Blanket bog/peat. veg.: no erosion, trees
1023	1.5	N.S	Undiff. montane veg.: no rock	Dry heather moor: no rock, burning, no trees
1024	0.8	N.S	Undiff. bracken: no rock, trees	Dry heather moor: no rock, no burning, trees
1026	0.6	N.S	Smooth grass/low scrub: no rock, trees	Dry heather moor: no rock, no burning, trees
1027	1.2	N.S	Smooth grass/rushes: no rock, trees	Undiff. heather moor: no rock, no burning, trees
1028	5.7	N.S	Undiff. bracken: no rock, trees	Undiff. smooth grass.: no rock, trees
1030	89.2	0.1	Undiff. heather moor: rock, no burning, no trees	Wet heather moor: no rock, no burning, no trees
1031	0.2	N.S	Undiff. heather moor: rock, no burning, no trees	Wetlands: no drains, no trees
1032	1.7	N.S	Undiff. Nardus/Molinia: rock, no trees	Imp. pasture: no rock, no farms, no trees

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Table 1.0.3 Total audit of land cover features in Scotland in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
1033	22.1	N.S	Undiff. Nardus/Molinia: rock, no trees	Wet heather moor: no rock, no burning, no trees
1034	0.9	N.S	Undiff. Nardus/Molinia: rock, no trees	Wetlands: no drains, no trees
1035	0.6	N.S	Coniferous plantation (area)	Dry heather moor: no rock, no burning, no trees
1036	1.6	N.S	Undiff. mixed woodland (area)	Undiff. smooth grass.: no rock, no trees
1037	0.2	N.S	Open canopy (young plantation)	Undiff. smooth grass.: rock, no trees
1038	0.6	N.S	Dry heather moor: no rock, no burning, trees	Undiff. smooth grass.: rock, no trees
1039	2.4	N.S	Dry heather moor: rock, no burning, no trees	Coniferous plantation (area)
1040	6.9	N.S	Dry heather moor: rock, no burning, no trees	Undiff. montane veg.: no rock
1041	0.3	N.S	Dry heather moor: rock, burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
1042	1.9	N.S	Dry heather moor: rock, burning, no trees	Undiff. smooth grass.: no rock, no trees
1043	2.3	N.S	Dry heather moor: rock, burning, no trees	Undiff. montane veg.: no rock
1044	0.7	N.S	Undiff. Nardus/Molinia: no rock, no trees	Imp. pasture: rock, no farms, no trees
1045	0.3	N.S	Undiff. Nardus/Molinia: no rock, no trees	Undiff. bracken: rock, no trees
1046	0.2	N.S	Smooth grass/low scrub: rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
1047	2.4	N.S	Undiff. smooth grass.: no rock, trees	Undiff. Nardus/Molinia: no rock, trees
1048	1.2	N.S	Smooth grass/low scrub: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
1049	0.4	N.S	Smooth grass/low scrub: no rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
1050	0.3	N.S	Blanket bog/peat. veg.: no erosion, no trees	Undiff. bracken: rock, no trees
1052	0.2	N.S	Blanket bog/peat. veg.: no erosion, no trees	Coniferous semi-natural (point)
1053	0.3	N.S	Undiff. smooth grass.: rock, no trees	Bings and refuse tips (area)
1054	10.6	N.S	Dry heather moor: rock, no burning, no trees	Wet heather moor: no rock, no burning, no trees
1056	6.3	N.S	Wet heather moor: rock, no burning, no trees	Water (point)
1058	0.1	N.S	Undiff. smooth grass.: no rock, no trees	Undiff. heather moor: no rock, burning, no trees
1059	0.9	N.S	Undiff. smooth grass.: no rock, trees	Undiff. smooth grass.: no rock, no trees
1060	1.8	N.S	Undiff. Nardus/Molinia: rock, no trees	Smooth grass/rushes: rock, no trees
1061	0.2	N.S	Undiff. smooth grass.: rock, trees	Isolated building, trees
1062	0.9	N.S	Recent ploughing for forestry	Dry heather moor: rock, no burning, no trees
1063	3.3	N.S	Open canopy (young plantation)	Dry heather moor: rock, no burning, no trees
1064	0.3	N.S	Undiff. smooth grass.: rock, trees	Smooth grass/rushes: rock, no trees
1065	0.9	N.S	Blanket bog/peat. veg.: no erosion, no trees	Undiff. bracken: no rock, no trees
1066	0.5	N.S	Smooth grass/rushes: rock, no trees	Undiff. heather moor: no rock, no burning, no trees
1067	2.9	N.S	Undiff. montane veg.: rock	Undiff. Nardus/Molinia: rock, no trees
1068	0.5	N.S	Undiff. montane veg.: no rock	Dry heather moor: rock, no burning, no trees
1069	2.0	N.S	Blanket bog/peat. veg.: other peat workings	Undiff. Nardus/Molinia: rock, no trees
1071	0.5	N.S	Undiff. smooth grass.: rock, no trees	Undiff. broadleaved (area)
1072	4.9	N.S	Recent ploughing for forestry	Undiff. Nardus/Molinia: no rock, no trees
1073	1.4	N.S	Undiff. heather moor: no rock, no burning, trees	Blanket bog/peat. veg.: no erosion, no trees
1074	0.8	N.S	Undiff. broadleaved (area)	Imp. pasture: no rock, no farms, no trees
1075	0.2	N.S	Blanket bog/peat. veg.: other peat workings	Smooth grass/low scrub: rock, trees
1076	2.6	N.S	Dry heather moor: no rock, no burning, trees	Smooth grass/rushes: no rock, trees
1077	0.2	N.S	Smooth grass/rushes: no rock, trees	Wetlands: no drains, trees
1078	0.9	N.S	Undiff. mixed woodland (area)	Smooth grass/low scrub: no rock, no trees
1079	0.2	N.S	Wetlands: no drains, trees	Smooth grass/low scrub: no rock, trees
1080	0.1	N.S	Links area: grass	Built-up (area)
1081	2.5	N.S	Golf course	Undiff. low scrub
1082	0.1	N.S	Smooth grass/low scrub: no rock, trees	Smooth grass/low scrub: rock, no trees
1083	0.6	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. broadleaved (area)
1084	0.6	N.S	Dry heather moor: rock, burning, no trees	Blanket bog/peat. veg.: erosion, no trees
1085	0.2	N.S	Undiff. broadleaved (area)	Smooth grass/rushes: no rock, trees
1086	0.9	N.S	Undiff. heather moor: rock, burning, no trees	Blanket bog/peat. veg.: other peat workings
1087	7.0	N.S	Undiff. heather moor: rock, burning, no trees	Undiff. smooth grass.: rock, no trees

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Table 1.0.3 Total audit of land cover features in Scotland in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
1088	3.4	N.S	Wet heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: rock, no trees
1089	0.1	N.S	Built-up (area)	Undiff. mixed woodland (area)
1090	0.8	N.S	Undiff. mixed woodland (area)	Smooth grass/low scrub: no rock, trees
1091	0.1	N.S	Undiff. low scrub	Undiff. smooth grass.: no rock, trees
1092	2.0	N.S	Open canopy (young plantation)	Undiff. mixed woodland (area)
1093	1.0	N.S	Open canopy (young plantation)	Dry heather moor: no rock, no burning, no trees
1094	0.6	N.S	Undiff. heather moor: no rock, no burning, no trees	Coniferous plantation (area)
1095	1.3	N.S	Undiff. smooth grass.: no rock, no trees	Undiff. broadleaved (area)
1096	0.9	N.S	Undiff. smooth grass.: no rock, trees	Dry heather moor: no rock, no burning, no trees
1097	1.9	N.S	Blanket bog/peat. veg.: no erosion, no trees	Dry heather moor: no rock, burning, no trees
1098	1.7	N.S	Undiff. broadleaved (area)	Undiff. smooth grass.: no rock, trees
1099	0.7	N.S	Undiff. broadleaved (area)	Built-up (area)
1100	1.5	N.S	Smooth grass/rushes: no rock, trees	Undiff. smooth grass.: no rock, trees
1101	N.S	N.S	Undiff. broadleaved (area)	Recreational land
1102	0.7	N.S	Undiff. heather moor: no rock, burning, trees	Smooth grass/rushes: no rock, trees
1103	4.3	N.S	Smooth grass/rushes: no rock, no trees	Dry heather moor: no rock, burning, no trees
1104	0.4	N.S	Smooth grass/rushes: no rock, no trees	Wet heather moor: no rock, burning, no trees
1105	2.6	N.S	Undiff. smooth grass.: no rock, trees	Dry heather moor: no rock, burning, trees
1106	0.2	N.S	Wet heather moor: no rock, burning, trees	Smooth grass/rushes: no rock, trees
1107	0.3	N.S	Wet heather moor: no rock, no burning, trees	Smooth grass/low scrub: no rock, no trees
1108	0.3	N.S	Undiff. broadleaved (area)	Blanket bog/peat. veg.: no erosion, no trees
1109	1.0	N.S	Undiff. heather moor: no rock, no burning, trees	Undiff. broadleaved (area)
1110	5.3	N.S	Undiff. Nardus/Molinia: no rock, no trees	Wetlands: no drains, no trees
1111	0.1	N.S	Undiff. broadleaved (area)	Wet heather moor: no rock, no burning, no trees
1112	0.1	N.S	Dry heather moor: rock, no burning, no trees	Undiff. smooth grass.: no rock, trees
1113	0.4	N.S	Rock and cliffs (area)	Wetlands: no drains, no trees
1114	0.3	N.S	Imp. pasture: no rock, no farms, no trees	Maritime grassland: no trees
1115	0.1	N.S	Smooth grass/low scrub: no rock, trees	Undiff. smooth grass.: no rock, trees
1116	0.3	N.S	Dry heather moor: no rock, burning, no trees	Undiff. montane veg.: rock
1117	0.2	N.S	Imp. pasture: no rock, no farms, trees	Undiff. broadleaved (area)
1118	0.7	N.S	Undiff. smooth grass.: no rock, trees	Undiff. heather moor: no rock, no burning, no trees
1119	0.3	N.S	Dry heather moor: no rock, burning, trees	Smooth grass/rushes: no rock, no trees
1120	0.4	N.S	Smooth grass/rushes: no rock, trees	Wet heather moor: no rock, no burning, trees
1121	0.2	N.S	Smooth grass/low scrub: no rock, no trees	Undiff. low scrub
1122	9.6	N.S	Undiff. heather moor: rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
1123	0.3	N.S	Coniferous plantation (area)	Wet heather moor: no rock, no burning, no trees
1124	1.5	N.S	Imp. pasture: rock, farms, no trees	Wet heather moor: no rock, no burning, no trees
1125	1.2	N.S	Dry heather moor: no rock, burning, trees	Smooth grass/rushes: no rock, trees
1126	1.5	N.S	Undiff. Nardus/Molinia: rock, no trees	Undiff. smooth grass.: no rock, no trees
1127	0.5	N.S	Dry heather moor: no rock, burning, trees	Undiff. smooth grass.: no rock, trees
1128	1.7	N.S	Undiff. heather moor: no rock, no burning, no trees	Rock and cliffs (area)
1129	0.4	N.S	Undiff. heather moor: no rock, no burning, trees	Smooth grass/rushes: no rock, no trees
1130	0.1	N.S	Blanket bog/peat. veg.: no erosion, trees	Smooth grass/low scrub: no rock, no trees
1131	0.2	N.S	Dry heather moor: no rock, burning, no trees	Rock and cliffs (area)
1132	0.1	N.S	Smooth grass/rushes: no rock, no trees	Undiff. smooth grass.: no rock, trees
1133	1.0	N.S	Dry heather moor: no rock, no burning, no trees	Rock and cliffs (area)
1134	0.1	N.S	Undiff. smooth grass.: no rock, no trees	Smooth grass/low scrub: no rock, trees
1135	2.0	N.S	Wet heather moor: no rock, no burning, no trees	Water (point)
1136	0.7	N.S	Undiff. smooth grass.: rock, no trees	Wet heather moor: no rock, no burning, no trees
1137	0.3	N.S	Smooth grass/rushes: no rock, trees	Blanket bog/peat. veg.: no erosion, trees
1138	0.3	N.S	Undiff. smooth grass.: no rock, trees	Imp. pasture: no rock, no farms, trees

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Table 1.0.3 Total audit of land cover features in Scotland in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
1140	0.2	N.S	Undiff. smooth grass.: rock, trees	Smooth grass/rushes: no rock, trees
1141	0.6	N.S	Dry heather moor: rock, burning, trees	Wet heather moor: rock, burning, trees
1142	0.3	N.S	Undiff. low scrub	Undiff. broadleaved (area)
1143	0.1	N.S	Smooth grass/rushes: rock, no trees	Undiff. low scrub
1144	2.7	N.S	Undiff. smooth grass.: rock, no trees	Imp. pasture: no rock, farms, no trees
1145	N.S	N.S	Undiff. bracken: rock, no trees	Dry heather moor: rock, no burning, trees
1146	0.7	N.S	Undiff. heather moor: no rock, no burning, trees	Undiff. low scrub
1147	0.3	N.S	Undiff. smooth grass.: no rock, trees	Imp. pasture: rock, no farms, no trees
1148	0.1	N.S	Imp. pasture: no rock, no farms, no trees	Recent ploughing for forestry
1149	0.1	N.S	Rock and cliffs (area)	Coniferous plantation (point)
1150	0.8	N.S	Links area: grass	Undiff. salt marsh: no trees
1151	1.5	N.S	Links area: grass	Smooth grass/rushes: no rock, no trees
1152	0.4	N.S	Links area: heath	Links area: grass
1153	0.2	N.S	Partially stabilized dunes	Undiff. salt marsh: no trees
1154	0.2	N.S	Rock and cliffs (area)	Undiff. heather moor: no rock, no burning, no trees
1155	1.0	N.S	Undiff. heather moor: no rock, burning, no trees	Rock and cliffs (area)
1156	0.7	N.S	Undiff. smooth grass.: rock, no trees	Dry heather moor: rock, burning, no trees
1157	0.5	N.S	Ski tows	Undiff. heather moor: no rock, no burning, no trees
1158	0.2	N.S	Dry heather moor: rock, no burning, trees	Undiff. smooth grass.: rock, no trees
1159	0.2	N.S	Blanket bog/peat. veg.: erosion, no trees	Ski tows
1160	0.2	N.S	Blanket bog/peat. veg.: industrial peat workings	Blanket bog/peat. veg.: no erosion, trees
1161	0.2	N.S	Undiff. low scrub	Dry heather moor: rock, no burning, trees
1162	0.1	N.S	Smooth grass/low scrub: no rock, trees	Undiff. Nardus/Molinia: no rock, trees
1163	0.2	N.S	Smooth grass/low scrub: rock, no trees	Dry heather moor: rock, no burning, trees
1164	3.0	N.S	Undiff. mixed woodland (area)	Open canopy (young plantation)
1165	0.1	N.S	Links area: heath	Bare dunes
1166	0.1	N.S	Bare dunes	Undiff. low scrub
1167	N.S	N.S	Undiff. low scrub	Undiff. heather moor: no rock, no burning, no trees
1168	0.1	N.S	Blanket bog/peat. veg.: erosion, no trees	Undiff. low scrub
1169	N.S	N.S	Smooth grass/rushes: rock, trees	Undiff. bracken: no rock, no trees
1171	N.S	N.S	Undiff. low scrub	Coniferous plantation (point)
1172	0.5	N.S	Undiff. smooth grass.: no rock, trees	Undiff. heather moor: no rock, burning, trees
1173	0.1	N.S	Undiff. smooth grass.: no rock, trees	Dry heather moor: no rock, burning, no trees
1174	0.4	N.S	Undiff. Nardus/Molinia: no rock, no trees	Undiff. heather moor: no rock, burning, no trees
1175	0.1	N.S	Undiff. Nardus/Molinia: no rock, trees	Blanket bog/peat. veg.: erosion, no trees
1176	1.8	N.S	Links area: grass	Smooth grass/low scrub: no rock, no trees
1177	N.S	N.S	Dry heather moor: rock, no burning, trees	Undiff. low scrub
1178	0.9	N.S	Undiff. low scrub	Undiff. bracken: no rock, trees
1179	0.5	N.S	Undiff. smooth grass.: rock, trees	Undiff. heather moor: no rock, no burning, no trees
1180	1.4	N.S	Recent ploughing for forestry	Undiff. smooth grass.: no rock, no trees
1181	0.4	N.S	Open canopy (young plantation)	Undiff. heather moor: no rock, no burning, no trees
1182	0.6	N.S	Undiff. heather moor: rock, no burning, trees	Undiff. bracken: no rock, no trees
1183	0.4	N.S	Coniferous semi-natural (area)	Wet heather moor: no rock, no burning, no trees
1186	1.3	N.S	Imp. pasture: no rock, farms, no trees	Wet heather moor: no rock, no burning, no trees
1187	1.5	N.S	Wet heather moor: rock, no burning, trees	Blanket bog/peat. veg.: no erosion, no trees
1188	0.1	N.S	Partially stabilized dunes	Wet heather moor: no rock, no burning, no trees
1191	4.9	N.S	Recently felled forestry	Open canopy (young plantation)
1192	37.5	N.S	Undiff. heather moor: rock, no burning, no trees	Recent ploughing for forestry
1193	7.2	N.S	Rock and cliffs (area)	Undiff. smooth grass.: rock, no trees
1194	0.4	N.S	Rock and cliffs (area)	Undiff. smooth grass.: rock, trees
1195	0.1	N.S	Undiff. smooth grass.: rock, no trees	Undiff. smooth grass.: no rock, no trees

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Table 1.0.3 Total audit of land cover features in Scotland in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
1196	0.6	N.S	Rock and cliffs (area)	Maritime grassland: no trees
1197	0.2	N.S	Undiff. broadleaved (area)	Undiff. Nardus/Molinia: no rock, no trees
1198	0.1	N.S	Imp. pasture: rock, no farms, no trees	Undiff. heather moor: rock, no burning, no trees
1199	1.2	N.S	Smooth grass/low scrub: rock, trees	Undiff. heather moor: rock, no burning, no trees
1200	1.3	N.S	Partially stabilized dunes	Links area: grass
1201	2.6	N.S	Undiff. broadleaved (area)	Undiff. smooth grass.: rock, no trees
1202	0.4	N.S	Smooth grass/rushes: rock, no trees	Smooth grass/low scrub: rock, no trees
1203	0.9	N.S	Smooth grass/rushes: rock, no trees	Wetlands: no drains, no trees
1204	4.0	N.S	Smooth grass/low scrub: rock, no trees	Undiff. heather moor: rock, no burning, no trees
1205	0.8	N.S	Wetlands: no drains, no trees	Smooth grass/rushes: no rock, no trees
1206	1.9	N.S	Smooth grass/rushes: rock, no trees	Imp. pasture: no rock, no farms, no trees
1207	0.2	N.S	Undiff. smooth grass.: no rock, no trees	Quarries and opencast (area)
1208	0.5	N.S	Blanket bog/peat. veg.: other peat workings	Undiff. smooth grass.: no rock, no trees
1210	2.9	N.S	Smooth grass/rushes: rock, no trees	Blanket bog/peat. veg.: other peat workings
1211	1.9	N.S	Imp. pasture: rock, farms, no trees	Smooth grass/rushes: rock, no trees
1212	0.2	N.S	Smooth grass/low scrub: rock, trees	Smooth grass/rushes: rock, no trees
1213	0.3	N.S	Undiff. Nardus/Molinia: rock, no trees	Undiff. broadleaved (area)
1214	0.3	N.S	Undiff. broadleaved (area)	Smooth grass/low scrub: no rock, no trees
1216	10.8	N.S	Undiff. bracken: rock, no trees	Smooth grass/rushes: rock, no trees
1218	0.3	N.S	Smooth grass/rushes: rock, trees	Blanket bog/peat. veg.: no erosion, trees
1219	2.1	N.S	Smooth grass/low scrub: rock, no trees	Smooth grass/rushes: rock, no trees
1220	1.8	N.S	Undiff. broadleaved (area)	Smooth grass/low scrub: rock, trees
1221	0.1	N.S	Partially stabilized dunes	Undiff. smooth grass.: rock, no trees
1222	0.6	N.S	Cliffs (line)	Undiff. smooth grass.: rock, no trees
1223	N.S	N.S	Undiff. mixed woodland (area)	Smooth grass/low scrub: rock, no trees
1224	0.2	N.S	Imp. pasture: rock, no farms, trees	Undiff. smooth grass.: rock, no trees
1225	1.5	N.S	Undiff. broadleaved (area)	Undiff. bracken: rock, no trees
1226	0.3	N.S	Smooth grass/low scrub: rock, trees	Undiff. bracken: rock, no trees
1227	0.1	N.S	Undiff. bracken: rock, no trees	Imp. pasture: no rock, no farms, no trees
1228	N.S	N.S	Smooth grass/rushes: no rock, trees	Arable: rock, farms, no trees
1231	0.3	N.S	Smooth grass/rushes: rock, trees	Undiff. heather moor: rock, no burning, trees
1232	1.1	N.S	Undiff. montane veg.: rock	Undiff. smooth grass.: rock, no trees
1233	0.4	N.S	Undiff. mixed woodland (area)	Smooth grass/low scrub: rock, trees
1234	0.1	N.S	Coniferous plantation (area)	Undiff. Nardus/Molinia: no rock, no trees
1235	N.S	N.S	Rock and cliffs (area)	Undiff. salt marsh: no trees
1236	0.1	N.S	Partially stabilized dunes	Links area: heath
1237	0.1	N.S	Smooth grass/rushes: rock, trees	Smooth grass/low scrub: rock, trees
1238	0.2	N.S	Undiff. bracken: rock, no trees	Recently felled forestry
1239	0.1	N.S	Undiff. bracken: rock, no trees	Wetlands: no drains, no trees
1240	0.4	N.S	Undiff. broadleaved (area)	Open canopy (young plantation)
1241	1.1	N.S	Smooth grass/rushes: no rock, no trees	Blanket bog/peat. veg.: other peat workings
1243	0.4	N.S	Undiff. Nardus/Molinia: rock, no trees	Rock and cliffs (area)
1244	2.4	N.S	Blanket bog/peat. veg.: erosion, no trees	Undiff. smooth grass.: rock, no trees
1245	N.S	N.S	Smooth grass/rushes: rock, no trees	Smooth grass/low scrub: no rock, trees
1246	0.8	N.S	Undiff. bracken: rock, no trees	Blanket bog/peat. veg.: other peat workings
1247	1.5	N.S	Blanket bog/peat. veg.: erosion, no trees	Smooth grass/rushes: rock, no trees
1248	0.2	N.S	Undiff. broadleaved (area)	Smooth grass/rushes: rock, no trees
1249	0.2	N.S	Smooth grass/rushes: no rock, trees	Smooth grass/low scrub: rock, trees
1250	0.1	N.S	Smooth grass/low scrub: rock, trees	Blanket bog/peat. veg.: no erosion, no trees
1251	0.1	N.S	Undiff. smooth grass.: rock, trees	Recently felled forestry
1253	0.8	N.S	Undiff. bracken: rock, no trees	Smooth grass/rushes: no rock, no trees

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Table 1.0.3 Total audit of land cover features in Scotland in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
1254	0.6	N.S	Undiff. heather moor: rock, no burning, trees	Smooth grass/low scrub: rock, trees
1255	0.2	N.S	Smooth grass/low scrub: rock, trees	Undiff. heather moor: rock, no burning, trees
1256	0.1	N.S	Undiff. smooth grass.: rock, no trees	Smooth grass/low scrub: rock, trees
1257	0.2	N.S	Imp. pasture: rock, no farms, no trees	Smooth grass/low scrub: rock, trees
1258	0.1	N.S	Undiff. mixed woodland (area)	Undiff. bracken: rock, trees
1259	N.S	N.S	Blanket bog/peat. veg.: no erosion, trees	Undiff. heather moor: rock, no burning, trees
1260	N.S	N.S	Rock and cliffs (area)	Undiff. bracken: rock, no trees
1261	0.1	N.S	Imp. pasture: rock, no farms, trees	Smooth grass/low scrub: rock, trees
1262	0.1	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. Nardus/Molinia: no rock, trees
1265	0.2	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. bracken: no rock, trees
1266	1.2	N.S	Undiff. Nardus/Molinia: no rock, no trees	Recent ploughing for forestry
1267	0.2	N.S	Transport features, road	Transport features, rail
1268	0.1	N.S	Built-up (area)	Recreational land
1269	0.1	N.S	Quarries and opencast (area)	Undiff. smooth grass.: rock, no trees
1270	0.1	N.S	Dry heather moor: no rock, burning, no trees	Undiff. heather moor: rock, no burning, no trees
1271	0.9	N.S	Undiff. heather moor: no rock, burning, no trees	Undiff. Nardus/Molinia: rock, no trees
1272	0.2	N.S	Undiff. Nardus/Molinia: rock, no trees	Wet heather moor: no rock, burning, no trees
1273	0.4	N.S	Smooth grass/low scrub: no rock, trees	Blanket bog/peat. veg.: no erosion, no trees
1274	N.S	N.S	Recreational land	Undiff. mixed woodland (area)
1275	0.1	N.S	Smooth grass/low scrub: no rock, no trees	Links area: grass
1276	0.4	N.S	Smooth grass/low scrub: no rock, no trees	Undiff. smooth grass.: rock, no trees
1277	0.2	N.S	Undiff. Nardus/Molinia: rock, no trees	Undiff. heather moor: no rock, burning, no trees
1278	0.9	N.S	Undiff. smooth grass.: no rock, no trees	Rock and cliffs (area)
1279	0.8	N.S	Undiff. Nardus/Molinia: no rock, no trees	Smooth grass/low scrub: no rock, no trees
1280	3.9	N.S	Undiff. bracken: no rock, trees	Undiff. heather moor: no rock, no burning, trees
1281	7.6	N.S	Open canopy (young plantation)	Undiff. heather moor: rock, no burning, no trees
1282	1.0	N.S	Coniferous plantation (area)	Undiff. smooth grass.: rock, no trees
1283	1.5	N.S	Recent ploughing for forestry	Undiff. smooth grass.: rock, no trees
1284	1.2	N.S	Imp. pasture: rock, no farms, no trees	Undiff. smooth grass.: no rock, no trees
1285	0.2	N.S	Blanket bog/peat. veg.: no erosion, no trees	Recent ploughing for forestry
1286	10.5	N.S	Recent ploughing for forestry	Undiff. heather moor: rock, no burning, no trees
1287	3.1	N.S	Undiff. smooth grass.: rock, trees	Wet heather moor: no rock, no burning, no trees
1288	0.3	N.S	Imp. pasture: no rock, farms, no trees	Undiff. low scrub
1289	0.1	N.S	Undiff. smooth grass.: no rock, no trees	Undiff. heather moor: rock, no burning, trees
1290	0.2	N.S	Undiff. broadleaved (area)	Wetlands: no drains, no trees
1291	0.2	N.S	Undiff. mixed woodland (area)	Blanket bog/peat. veg.: no erosion, no trees
1292	N.S	N.S	Recently felled forestry	Smooth grass/rushes: no rock, trees
1293	0.2	N.S	Smooth grass/rushes: no rock, no trees	Rhododendron scrub
1294	0.2	N.S	Undiff. heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, trees
1296	0.3	N.S	Smooth grass/low scrub: rock, no trees	Undiff. bracken: no rock, no trees
1297	0.1	N.S	Smooth grass/rushes: rock, no trees	Undiff. bracken: rock, trees
1298	0.1	N.S	Undiff. bracken: rock, trees	Smooth grass/rushes: rock, no trees
1299	0.2	N.S	Imp. pasture: rock, farms, trees	Undiff. smooth grass.: rock, trees
1300	0.1	N.S	Wetlands: no drains, no trees	Blanket bog/peat. veg.: no erosion, no trees
1301	0.3	N.S	Imp. pasture: rock, no farms, no trees	Undiff. bracken: no rock, no trees
1302	0.3	N.S	Undiff. heather moor: no rock, burning, no trees	Undiff. bracken: no rock, no trees
1303	0.7	N.S	Imp. pasture: rock, no farms, no trees	Undiff. smooth grass.: rock, trees
1304	0.5	N.S	Undiff. smooth grass.: no rock, trees	Undiff. broadleaved (area)
1305	1.7	N.S	Undiff. broadleaved (area)	Recent ploughing for forestry
1306	0.9	N.S	Undiff. Nardus/Molinia: no rock, trees	Imp. pasture: no rock, no farms, trees
1307	3.2	N.S	Undiff. Nardus/Molinia: no rock, trees	Undiff. smooth grass.: no rock, trees

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Table 1.0.3 Total audit of land cover features in Scotland in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
1308	1.7	N.S	Undiff. smooth grass.: no rock, no trees	Undiff. Nardus/Molinia: rock, no trees
1309	0.4	N.S	Undiff. Nardus/Molinia: no rock, trees	Recent ploughing for forestry
1310	0.3	N.S	Undiff. Nardus/Molinia: no rock, no trees	Undiff. smooth grass.: no rock, trees
1311	0.3	N.S	Dry heather moor: no rock, burning, no trees	Undiff. Nardus/Molinia: rock, no trees
1313	0.5	N.S	Recent ploughing for forestry	Undiff. broadleaved (area)
1314	0.1	N.S	Rock and cliffs (area)	Undiff. Nardus/Molinia: no rock, no trees
1315	0.1	N.S	Undiff. bracken: rock, trees	Undiff. heather moor: rock, no burning, no trees
1316	1.5	N.S	Coniferous plantation (area)	Dry heather moor: rock, no burning, no trees
1317	0.9	N.S	Undiff. Nardus/Molinia: no rock, no trees	Bings and refuse tips (point)
1318	0.5	N.S	Undiff. smooth grass.: no rock, trees	Blanket bog/peat. veg.: no erosion, trees
1319	0.9	N.S	Recently felled forestry	Undiff. mixed woodland (area)
1320	1.0	N.S	Undiff. heather moor: rock, no burning, no trees	Open canopy (young plantation)
1321	N.S	N.S	Undiff. mixed woodland (area)	Smooth grass/rushes: no rock, no trees
1322	0.1	N.S	Quarries and opencast (area)	Blanket bog/peat. veg.: no erosion, no trees
1323	1.1	N.S	Undiff. bracken: no rock, trees	Smooth grass/rushes: no rock, no trees
1324	0.4	N.S	Quarries and opencast (area)	Undiff. Nardus/Molinia: no rock, no trees
1325	0.2	N.S	Undiff. heather moor: rock, no burning, no trees	Coniferous plantation (area)
1326	3.7	N.S	Recent ploughing for forestry	Undiff. heather moor: no rock, no burning, no trees
1327	0.4	N.S	Undiff. heather moor: no rock, no burning, no trees	Undiff. broadleaved (area)
1328	0.1	N.S	Factory	Undiff. mixed woodland (area)
1329	0.5	N.S	Blanket bog/peat. veg.: no erosion, no trees	Coniferous plantation (area)
1330	0.8	N.S	Recent ploughing for forestry	Undiff. smooth grass.: rock, trees
1331	0.1	N.S	Undiff. smooth grass.: rock, trees	Undiff. Nardus/Molinia: rock, no trees
1332	2.0	N.S	Coniferous plantation (area)	Undiff. Nardus/Molinia: rock, no trees
1333	0.3	N.S	Dry heather moor: rock, no burning, no trees	Undiff. smooth grass.: rock, trees
1334	0.1	N.S	Undiff. smooth grass.: rock, trees	Coniferous plantation (area)
1335	0.1	N.S	Undiff. heather moor: no rock, burning, no trees	Undiff. smooth grass.: no rock, trees
1336	0.6	N.S	Undiff. Nardus/Molinia: no rock, no trees	Smooth grass/low scrub: rock, no trees
1337	0.6	N.S	Dry heather moor: rock, no burning, no trees	Imp. pasture: no rock, no farms, no trees
1338	0.2	N.S	Undiff. bracken: rock, no trees	Undiff. broadleaved (area)
1339	0.1	N.S	Dry heather moor: no rock, burning, no trees	Dry heather moor: no rock, no burning, no trees
1340	0.8	N.S	Undiff. bracken: no rock, trees	Undiff. low scrub
1341	0.3	N.S	Undiff. heather moor: rock, no burning, no trees	Imp. pasture: rock, no farms, no trees
1342	0.2	N.S	Undiff. broadleaved (area)	Recently felled forestry
1343	0.6	N.S	Built-up (area)	Undiff. broadleaved (area)
1344	0.7	N.S	Undiff. heather moor: no rock, burning, no trees	Imp. pasture: no rock, no farms, no trees
1345	0.2	N.S	Undiff. low scrub	Undiff. mixed woodland (point)
1346	0.5	N.S	Undiff. Nardus/Molinia: no rock, trees	Blanket bog/peat. veg.: no erosion, no trees
1347	0.6	N.S	Open canopy (young plantation)	Undiff. Nardus/Molinia: rock, no trees
1348	0.1	N.S	Imp. pasture: rock, no farms, trees	Undiff. Nardus/Molinia: no rock, trees
1349	0.2	N.S	Smooth grass/rushes: rock, no trees	Smooth grass/low scrub: rock, trees
1350	0.1	N.S	Undiff. low scrub	Imp. pasture: rock, no farms, trees
1351	0.2	N.S	Undiff. bracken: rock, no trees	Smooth grass/low scrub: no rock, no trees
1352	1.5	N.S	Wet heather moor: rock, no burning, no trees	Dry heather moor: rock, no burning, no trees
1353	0.1	N.S	Undiff. bracken: rock, trees	Smooth grass/low scrub: no rock, trees
1354	0.1	N.S	Wetlands: no drains, trees	Smooth grass/rushes: no rock, no trees
1355	N.S	N.S	Smooth grass/rushes: no rock, trees	Smooth grass/low scrub: no rock, no trees
1356	0.3	N.S	Undiff. bracken: no rock, no trees	Undiff. bracken: no rock, trees
1357	3.1	N.S	Undiff. heather moor: no rock, no burning, trees	Undiff. bracken: no rock, trees
1358	N.S	N.S	Wetlands: no drains, no trees	Smooth grass/low scrub: no rock, no trees
1359	1.0	N.S	Undiff. Nardus/Molinia: rock, trees	Undiff. heather moor: rock, no burning, trees

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Table 1.0.3 Total audit of land cover features in Scotland in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
1360	0.1	N.S	Undiff. Nardus/Molinia: no rock, trees	Undiff. low scrub
1361	0.8	N.S	Undiff. Nardus/Molinia: rock, no trees	Undiff. montane veg.: rock
1362	0.4	N.S	Undiff. low scrub	Undiff. bracken: rock, trees
1363	0.2	N.S	Undiff. bracken: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
1364	0.6	N.S	Dry heather moor: rock, burning, no trees	Undiff. Nardus/Molinia: rock, no trees
1365	0.1	N.S	Undiff. Nardus/Molinia: rock, no trees	Undiff. heather moor: rock, no burning, trees
1366	1.4	N.S	Smooth grass/rushes: no rock, trees	Undiff. bracken: no rock, trees
1368	6.9	N.S	Undiff. bracken: no rock, trees	Undiff. Nardus/Molinia: no rock, trees
1369	2.5	N.S	Undiff. bracken: rock, trees	Dry heather moor: rock, no burning, trees
1371	0.5	N.S	Undiff. smooth grass.: no rock, no trees	Undiff. montane veg.: no rock
1372	N.S	N.S	Imp. pasture: rock, no farms, no trees	Smooth grass/low scrub: no rock, no trees
1373	0.6	N.S	Undiff. smooth grass.: rock, no trees	Undiff. montane veg.: rock
1374	2.7	N.S	Undiff. Nardus/Molinia: no rock, trees	Undiff. bracken: no rock, trees
1375	0.1	N.S	Undiff. Nardus/Molinia: rock, trees	Smooth grass/rushes: rock, trees
1376	0.3	N.S	Smooth grass/rushes: no rock, trees	Imp. pasture: no rock, no farms, trees
1377	0.3	N.S	Wetlands: no drains, trees	Smooth grass/rushes: no rock, trees
1378	0.2	N.S	Smooth grass/rushes: no rock, trees	Imp. pasture: no rock, no farms, no trees
1379	0.2	N.S	Blanket bog/peat. veg.: erosion, no trees	Undiff. bracken: no rock, no trees
1380	3.0	N.S	Dry heather moor: rock, no burning, trees	Undiff. bracken: no rock, trees
1381	0.6	N.S	Undiff. heather moor: no rock, burning, no trees	Undiff. smooth grass.: rock, no trees
1382	0.1	N.S	Undiff. smooth grass.: rock, no trees	Undiff. bracken: no rock, trees
1383	1.2	N.S	Undiff. Nardus/Molinia: no rock, trees	Smooth grass/rushes: no rock, trees
1384	N.S	N.S	Undiff. heather moor: no rock, no burning, trees	Open canopy (young plantation)
1385	0.5	N.S	Blanket bog/peat. veg.: erosion, no trees	Wetlands: no drains, no trees
1386	0.9	N.S	Undiff. montane veg.: no rock	Undiff. smooth grass.: no rock, no trees
1387	N.S	N.S	Undiff. heather moor: rock, burning, no trees	Undiff. bracken: rock, no trees
1388	0.6	N.S	Undiff. heather moor: no rock, no burning, trees	Coniferous semi-natural (area)
1389	1.0	N.S	Undiff. Nardus/Molinia: no rock, trees	Coniferous semi-natural (area)
1391	0.2	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. bracken: rock, no trees
1392	0.2	N.S	Undiff. heather moor: rock, burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
1393	0.1	N.S	Wet heather moor: no rock, no burning, trees	Undiff. Nardus/Molinia: no rock, trees
1394	1.1	N.S	Imp. pasture: no rock, farms, trees	Smooth grass/low scrub: rock, trees
1395	N.S	N.S	Undiff. bracken: rock, no trees	Smooth grass/low scrub: rock, trees
1396	0.3	N.S	Undiff. heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, trees
1397	0.4	N.S	Undiff. Nardus/Molinia: no rock, trees	Blanket bog/peat. veg.: no erosion, trees
1399	0.6	N.S	Undiff. smooth grass.: no rock, no trees	Smooth grass/low scrub: rock, no trees
1400	0.1	N.S	Coniferous plantation (area)	Smooth grass/low scrub: no rock, trees
1401	0.1	N.S	Blanket bog/peat. veg.: erosion, no trees	Smooth grass/low scrub: no rock, no trees
1403	1.2	N.S	Blanket bog/peat. veg.: no erosion, no trees	Undiff. heather moor: no rock, no burning, trees
1404	0.3	N.S	Blanket bog/peat. veg.: no erosion, no trees	Undiff. low scrub
1405	N.S	N.S	Undiff. Nardus/Molinia: no rock, trees	Recently felled forestry
1406	0.7	N.S	Imp. pasture: rock, farms, trees	Smooth grass/rushes: rock, no trees
1407	5.5	N.S	Rock and cliffs (area)	Undiff. montane veg.: rock
1408	1.8	N.S	Undiff. mixed woodland (area)	Wet heather moor: rock, no burning, no trees
1409	0.6	N.S	Undiff. mixed woodland (area)	Undiff. heather moor: rock, no burning, no trees
1410	0.8	N.S	Undiff. broadleaved (area)	Undiff. heather moor: no rock, no burning, trees
1411	0.3	N.S	Coniferous plantation (area)	Wet heather moor: no rock, no burning, trees
1412	0.1	N.S	Transport features, road	Undiff. mixed woodland (area)
1413	N.S	N.S	Links area: grass	Coniferous plantation (area)
1414	1.0	N.S	Undiff. montane veg.: rock	Undiff. Nardus/Molinia: no rock, no trees
1415	0.5	N.S	Coniferous plantation (area)	Blanket bog/peat. veg.: erosion, no trees

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Table 1.0.3 Total audit of land cover features in Scotland in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
1416	0.5	N.S	Imp. pasture: no rock, no farms, trees	Wet heather moor: no rock, no burning, trees
1417	0.3	N.S	Undiff. heather moor: rock, no burning, trees	Smooth grass/rushes: no rock, no trees
1418	0.6	N.S	Undiff. mixed woodland (area)	Wet heather moor: no rock, no burning, no trees
1419	N.S	N.S	Coniferous semi-natural (area)	Wet heather moor: no rock, no burning, trees
1420	1.0	N.S	Coniferous semi-natural (area)	Wet heather moor: rock, no burning, trees
1421	0.1	N.S	Undiff. smooth grass.: no rock, trees	Blanket bog/peat. veg.: no erosion, no trees
1422	0.2	N.S	Wet heather moor: rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
1423	0.1	N.S	Undiff. smooth grass.: rock, no trees	Coniferous plantation (area)
1424	0.1	N.S	Undiff. heather moor: rock, no burning, trees	Undiff. Nardus/Molinia: rock, no trees
1425	0.1	N.S	Undiff. heather moor: rock, no burning, trees	Blanket bog/peat. veg.: erosion, no trees
1426	0.2	N.S	Undiff. heather moor: rock, no burning, no trees	Snow cover
1427	22.8	N.S	Undiff. montane veg.: rock	Snow cover
1428	0.4	N.S	Undiff. heather moor: rock, no burning, no trees	Smooth grass/low scrub: rock, no trees
1429	0.2	N.S	Imp. pasture: no rock, no farms, no trees	Smooth grass/low scrub: rock, trees
1430	0.7	N.S	Imp. pasture: no rock, farms, trees	Smooth grass/rushes: no rock, no trees
1431	0.1	N.S	Undiff. broadleaved (area)	Undiff. bracken: no rock, no trees
1432	0.4	N.S	Coniferous plantation (area)	Undiff. mixed woodland (area)
1433	0.8	N.S	Wetlands: no drains, no trees	Blanket bog/peat. veg.: erosion, no trees
1434	0.2	N.S	Rock and cliffs (area)	Undiff. heather moor: rock, no burning, trees
1435	0.1	N.S	Smooth grass/rushes: no rock, trees	Undiff. Nardus/Molinia: no rock, trees
1436	0.4	N.S	Smooth grass/low scrub: no rock, trees	Rhododendron scrub
1437	0.5	N.S	Golf course	Coniferous plantation (line)
1438	0.7	N.S	Undiff. mixed woodland (area)	Undiff. heather moor: rock, no burning, trees
1439	1.0	N.S	Smooth grass/low scrub: no rock, trees	Undiff. Nardus/Molinia: no rock, no trees
1440	0.5	N.S	Open canopy (young plantation)	Wet heather moor: rock, no burning, no trees
1441	0.1	N.S	Undiff. smooth grass.: no rock, trees	Wet heather moor: no rock, no burning, no trees
1442	0.4	N.S	Blanket bog/peat. veg.: erosion, no trees	Undiff. smooth grass.: no rock, no trees
1443	0.1	N.S	Open canopy (young plantation)	Blanket bog/peat. veg.: no erosion, no trees
1444	0.1	N.S	Open canopy (young plantation)	Undiff. smooth grass.: no rock, trees
1445	N.S	N.S	Undiff. heather moor: rock, no burning, trees	Undiff. smooth grass.: no rock, no trees
1446	0.1	N.S	Undiff. heather moor: rock, no burning, trees	Smooth grass/low scrub: no rock, trees
1447	N.S	N.S	Maritime grassland: no trees	Water (point)
1448	0.5	N.S	Undiff. smooth grass.: rock, trees	Undiff. heather moor: no rock, no burning, trees
1450	0.5	N.S	Undiff. Nardus/Molinia: rock, no trees	Undiff. smooth grass.: rock, trees
1451	0.3	N.S	Blanket bog/peat. veg.: no erosion, trees	Undiff. mixed woodland (area)
1452	0.7	N.S	Undiff. heather moor: no rock, no burning, trees	Undiff. smooth grass.: no rock, no trees
1453	0.1	N.S	Undiff. Nardus/Molinia: rock, trees	Undiff. bracken: rock, trees
1455	0.1	N.S	Smooth grass/low scrub: rock, trees	Undiff. smooth grass.: rock, trees
1456	0.1	N.S	Undiff. bracken: no rock, no trees	Imp. pasture: no rock, no farms, no trees
1457	0.1	N.S	Undiff. heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, trees
1459	0.2	N.S	Coniferous plantation (area)	Recent ploughing for forestry
1460	0.7	N.S	Undiff. mixed woodland (area)	Recently felled forestry
1461	4.4	N.S	Blanket bog/peat. veg.: no erosion, no trees	Wet heather moor: no rock, burning, no trees
1462	0.1	N.S	Undiff. heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, trees
1463	0.1	N.S	Wet heather moor: rock, no burning, no trees	Undiff. bracken: rock, no trees
1464	0.1	N.S	Wet heather moor: no rock, no burning, no trees	Undiff. bracken: no rock, no trees
1465	0.2	N.S	Blanket bog/peat. veg.: dubh lochans	Undiff. Nardus/Molinia: no rock, no trees
1466	1.0	N.S	Wet heather moor: no rock, burning, no trees	Undiff. Nardus/Molinia: rock, no trees
1467	0.5	N.S	Wet heather moor: no rock, burning, no trees	Undiff. smooth grass.: no rock, no trees
1468	0.1	N.S	Undiff. bracken: rock, no trees	Wet heather moor: rock, no burning, no trees
1469	0.2	N.S	Wetlands: no drains, trees	Water (area)

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Table 1.0.3 Total audit of land cover features in Scotland in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
1470	0.1	N.S	Undiff. broadleaved (area)	Undiff. heather moor: no rock, no burning, no trees
1471	0.4	N.S	Undiff. heather moor: no rock, no burning, trees	Smooth grass/low scrub: no rock, no trees
1472	1.0	N.S	Undiff. heather moor: rock, no burning, no trees	Undiff. smooth grass.: no rock, trees
1473	0.3	N.S	Coniferous plantation (area)	Rock and cliffs (area)
1474	0.2	N.S	Blanket bog/peat. veg.: no erosion, no trees	Dry heather moor: rock, no burning, no trees
1475	0.1	N.S	Blanket bog/peat. veg.: no erosion, trees	Undiff. smooth grass.: rock, trees
1476	0.2	N.S	Undiff. smooth grass.: rock, no trees	Undiff. Nardus/Molinia: rock, trees
1477	0.1	N.S	Imp. pasture: rock, no farms, trees	Smooth grass/rushes: no rock, no trees
1478	0.4	N.S	Coniferous plantation (area)	Undiff. smooth grass.: rock, trees
1479	1.2	N.S	Snow cover	Undiff. montane veg.: rock
1480	0.2	N.S	Undiff. bracken: rock, trees	Dry heather moor: rock, no burning, no trees
1481	0.6	N.S	Undiff. mixed woodland (area)	Rock and cliffs (area)
1482	N.S	N.S	Dry heather moor: no rock, burning, trees	Coniferous plantation (area)
1483	0.5	N.S	Undiff. montane veg.: no rock	Undiff. heather moor: no rock, burning, no trees
1484	0.1	N.S	Undiff. smooth grass.: no rock, trees	Wetlands: no drains, no trees
1485	N.S	N.S	Undiff. bracken: no rock, no trees	Wetlands: no drains, no trees
1486	0.1	N.S	Undiff. bracken: no rock, trees	Wetlands: no drains, trees
1487	0.7	N.S	Wet heather moor: no rock, burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
1490	N.S	N.S	Rock and cliffs (area)	Coniferous plantation (area)
1491	N.S	N.S	Smooth grass/low scrub: no rock, trees	Wetlands: no drains, trees
1492	N.S	N.S	Undiff. broadleaved (point)	Undiff. low scrub
1493	0.1	N.S	Smooth grass/low scrub: no rock, no trees	Undiff. bracken: no rock, trees
1494	0.1	N.S	Wetlands: no drains, no trees	Undiff. bracken: no rock, no trees
1495	0.6	N.S	Recent ploughing for forestry	Undiff. heather moor: rock, burning, no trees
1496	0.2	N.S	Snow cover	Undiff. montane veg.: no rock
1497	0.3	N.S	Dry heather moor: rock, no burning, trees	Wetlands: no drains, trees
1498	0.1	N.S	Dry heather moor: no rock, no burning, trees	Smooth grass/low scrub: no rock, no trees
1499	0.2	N.S	Smooth grass/low scrub: no rock, trees	Wetlands: no drains, no trees
1500	0.1	N.S	Undiff. bracken: no rock, trees	Dry heather moor: rock, no burning, no trees
1501	N.S	N.S	Wetlands: no drains, no trees	Undiff. broadleaved (area)
TOTAL	78828.5	100.0		

Cover types		single feature		features in mosaics	
		area	%	primary	secondary
Open countryside					
A	Arable	857.8	18.1	0	0
B	Improved grassland	1230.5	26.0	81.9	2.7
C	Good rough grassland	177.6	3.8	66.3	113.5
D	Poor rough grassland	566.3	12.0	94.9	396.7
E	Bracken	0	0	0	0
F	Heather moorland	347.0	7.3	282.9	17.8
G	Peatland	136.8	2.9	3.3	4.5
H	Montane	25.0	0.5	1.1	0
I	Rock and cliffs	2.7	0.1	0	0
Woodland					
J	Felled woodland	19.0	0.4	0	0
K	Recent planting	145.7	3.1	4.9	0
L	Coniferous plantation	554.2	11.7	0	0
M	Semi-natural coniferous	N.S	N.S	0	0
N	Mixed woodland	53.4	1.1	0	0
O	Broadleaved	8.4	0.2	0	0
P	Scrub	1.8	N.S	0	0
Wet ground					
Q	Fresh waters	19.2	0.4	0	0
R	Marshes	5.0	0.1	0	0.3
S	Saltmarshes	0	0	0	0
T	Dunes	N.S	N.S	0	0
U	Tidal waters	0	0	0	0
Developed					
V	Rural development	10.7	0.2	0	0
W	Urban	36.0	0.8	0	0
Other					
X	Missing photography/obscured land	0.1	N.S	0	0
SUBTOTAL		4197.1	88.7		
Y	Mosaics of types above	535.4	11.3	535.4	535.4
REGIONAL TOTAL		4732.5	100.0		

Nationally significant mosaics				area	%
FG	Heather moorland	Peatland		0	0
DF	Poor rough grassland	Heather moorland		286.5	6.1
CF	Good rough grassland	Heather moorland		13.5	0.3
GH		Peatland	Montane	1.1	N.S
CD	Good rough grassland	Poor rough grassland		131.8	2.8
BC	Improved grassland	Good rough grassland		16.2	0.3
OE	Good rough grassland	Bracken		0	0
DG	Poor rough grassland	Peatland		0	0
FH	Heather moorland	Montane		0	0
SUBTOTAL				449.1	9.5
Locally significant mosaics				area	%
BD	Improved grassland	Poor rough grassland		68.4	1.4
DK	Poor rough grassland	Recent planting		4.9	0.1
CR	Good rough grassland	Marshes		0.3	N.S
SUBTOTAL				73.7	1.6
Remaining mosaics				12.6	0.3
MOSAICS OF SUMMARY COVER TYPES				535.4	11.3

Table 2.0.1

Borders Region

Land cover summary categories

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not match the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05. Please refer to Figure 6.2 for guidance in the interpretation of this table.

Table 2.0.2 Total audit of land cover features in Borders Region in which all mosaics are allocated according to primary or secondary feature.

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05 sq km. Please refer to Figure 6.3 for guidance in the interpretation of this table.

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
3	0.7	0	0	Factory
4	0.8	0	0	Airfield
5	5.0	0	0	Golf course
6	0.4	0	0	Cemeteries
7	0.8	0	0	Recreational land
10	2.7	0	0	Rock and cliffs (area)
12	2.5	0	0	Quarries and opencast (area)
14	0.2	0	0	Bings and refuse tips (area)
18	19.2	0	0	Water (area)
20	36.0	0	0	Built-up (area)
22	0.2	0	0	Transport features, rail
70	554.2	0	0	Coniferous plantation (area)
73	N.S	0	0	Coniferous semi-natural (area)
76	8.4	0	0	Undiff. broadleaved (area)
79	53.4	0	0	Undiff. mixed woodland (area)
82	1.8	0	0	Undiff. low scrub
83	82.4	4.9	0	Recent ploughing for forestry
84	19.0	0	0	Recently felled forestry
85	63.0	0	0	Open canopy (young plantation)
87	0.3	0	0	Recent 'ripping' for forestry
90	1146.7	81.9	2.7	Imp. pasture: no rock, no farms, no trees
91	43.0	0	0	Imp. pasture: no rock, no farms, trees
92	0.5	0	0	Imp. pasture: no rock, farms, no trees
93	4.2	0	0	Imp. pasture: no rock, farms, trees
94	35.9	0	0	Imp. pasture: rock, no farms, no trees
95	0.2	0	0	Imp. pasture: rock, no farms, trees
100	854.9	0	0	Arable: no rock, no farms, no trees
101	0.3	0	0	Arable: no rock, no farms, trees
102	2.6	0	0	Arable: no rock, farms, no trees
110	70.1	106.5	2.1	Dry heather moor: no rock, no burning, no trees
111	0.3	0	0	Dry heather moor: no rock, no burning, trees
112	140.0	25.7	1.1	Dry heather moor: no rock, burning, no trees
114	4.3	0.2	7.3	Dry heather moor: rock, no burning, no trees
115	0	0.3	0	Dry heather moor: rock, no burning, trees
116	0.8	0	0	Dry heather moor: rock, burning, no trees
130	22.2	114.6	1.7	Undiff. heather moor: no rock, no burning, no trees
131	0.3	0	0	Undiff. heather moor: no rock, no burning, trees
132	107.6	19.2	0	Undiff. heather moor: no rock, burning, no trees
134	1.3	16.4	5.7	Undiff. heather moor: rock, no burning, no trees
136	0.1	0	0	Undiff. heather moor: rock, burning, no trees
140	513.8	81.1	373.8	Undiff. Nardus/Molinia: no rock, no trees
141	0.8	0	0	Undiff. Nardus/Molinia: no rock, trees
142	51.6	13.8	23.0	Undiff. Nardus/Molinia: rock, no trees
143	0.1	0	0	Undiff. Nardus/Molinia: rock, trees

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Table 2.0.2 Total audit of land cover features in Borders Region in which all mosaics are allocated according to primary or secondary feature (continued).

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
146	0.1	0	0	invalid code
150	38.8	5.5	56.0	Smooth grass/rushes: no rock, no trees
151	0.4	0	0.2	Smooth grass/rushes: no rock, trees
155	8.1	0	0	Smooth grass/low scrub: no rock, no trees
156	3.9	0	0	Smooth grass/low scrub: no rock, trees
157	0.6	0	0	Smooth grass/low scrub: rock, no trees
158	1.5	0	0	Smooth grass/low scrub: rock, trees
160	68.8	43.9	49.0	Undiff. smooth grass.: no rock, no trees
161	19.7	0.2	0.3	Undiff. smooth grass.: no rock, trees
162	35.6	16.6	7.9	Undiff. smooth grass.: rock, no trees
163	0.3	0	0	Undiff. smooth grass.: rock, trees
180	111.4	3.3	1.1	Blanket bog/peat. veg.: erosion, no trees
182	22.5	0	3.3	Blanket bog/peat. veg.: no erosion, no trees
183	0.9	0	0	Blanket bog/peat. veg.: no erosion, trees
185	1.9	0	0	Blanket bog/peat. veg.: industrial peat workings
200	1.7	0	0.3	Wetlands: no drains, no trees
201	1.1	0	0	Wetlands: drains, no trees
202	1.5	0	0	Wetlands: no drains, trees
203	0.7	0	0	Wetlands: drains, trees
210	N.S	0	0	Bare dunes
222	2.0	0	0	Undiff. montane veg.: rock
223	23.0	1.1	0	Undiff. montane veg.: no rock
TOTAL	4197.1	535.4	535.4	

Table 2.0.3 Total audit of land cover features in Borders Region in which all mosaics are separately identified.

All areas are expressed in square kilometres to 1 decimal place; all percentages are expressed as % of the total area; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05

code	area	%	description
3	0.7	N.S	Factory
4	0.8	N.S	Airfield
5	5.0	0.1	Golf course
6	0.4	N.S	Cemeteries
7	0.8	N.S	Recreational land
10	2.7	0.1	Rock and cliffs (area)
12	2.5	0.1	Quarries and opencast (area)
14	0.2	N.S	Bings and refuse tips (area)
18	19.2	0.4	Water (area)
20	36.0	0.8	Built-up (area)
22	0.2	N.S	Transport features, rail
70	554.2	11.7	Coniferous plantation (area)
73	N.S	N.S	Coniferous semi-natural (area)
76	8.4	0.2	Undiff. broadleaved (area)

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Table 2.0.3 Total audit of land cover features in Borders Region in which all mosaics are separately identified
(continued).

code	area	%	description
79	53.4	1.1	Undiff. mixed woodland (area)
82	1.8	N.S	Undiff. low scrub
83	82.4	1.7	Recent ploughing for forestry
84	19.0	0.4	Recently felled forestry
85	63.0	1.3	Open canopy (young plantation)
87	0.3	N.S	Recent 'ripping' for forestry
90	1146.7	24.2	Imp. pasture: no rock, no farms, no trees
91	43.0	0.9	Imp. pasture: no rock, no farms, trees
92	0.5	N.S	Imp. pasture: no rock, farms, no trees
93	4.2	0.1	Imp. pasture: no rock, farms, trees
94	35.9	0.8	Imp. pasture: rock, no farms, no trees
95	0.2	N.S	Imp. pasture: rock, no farms, trees
100	854.9	18.1	Arable: no rock, no farms, no trees
101	0.3	N.S	Arable: no rock, no farms, trees
102	2.6	0.1	Arable: no rock, farms, no trees
110	70.1	1.5	Dry heather moor: no rock, no burning, no trees
111	0.3	N.S	Dry heather moor: no rock, no burning, trees
112	140.0	3.0	Dry heather moor: no rock, burning, no trees
114	4.3	0.1	Dry heather moor: rock, no burning, no trees
116	0.8	N.S	Dry heather moor: rock, burning, no trees
130	22.2	0.5	Undiff. heather moor: no rock, no burning, no trees
131	0.3	N.S	Undiff. heather moor: no rock, no burning, trees
132	107.6	2.3	Undiff. heather moor: no rock, burning, no trees
134	1.3	N.S	Undiff. heather moor: rock, no burning, no trees
136	0.1	N.S	Undiff. heather moor: rock, burning, no trees
140	513.8	10.9	Undiff. Nardus/Molinia: no rock, no trees
141	0.8	N.S	Undiff. Nardus/Molinia: no rock, trees
142	51.6	1.1	Undiff. Nardus/Molinia: rock, no trees
143	0.1	N.S	Undiff. Nardus/Molinia: rock, trees
146	0.1	N.S	invalid code
150	38.8	0.8	Smooth grass/rushes: no rock, no trees
151	0.4	N.S	Smooth grass/rushes: no rock, trees
155	8.1	0.2	Smooth grass/low scrub: no rock, no trees
156	3.9	0.1	Smooth grass/low scrub: no rock, trees
157	0.6	N.S	Smooth grass/low scrub: rock, no trees
158	1.5	N.S	Smooth grass/low scrub: rock, trees
160	68.8	1.5	Undiff. smooth grass.: no rock, no trees
161	19.7	0.4	Undiff. smooth grass.: no rock, trees
162	35.6	0.8	Undiff. smooth grass.: rock, no trees
163	0.3	N.S	Undiff. smooth grass.: rock, trees
180	111.4	2.4	Blanket bog/peat. veg.: erosion, no trees
182	22.5	0.5	Blanket bog/peat. veg.: no erosion, no trees
183	0.9	N.S	Blanket bog/peat. veg.: no erosion, trees
185	1.9	N.S	Blanket bog/peat. veg.: industrial peat workings
200	1.7	N.S	Wetlands: no drains, no trees
201	1.1	N.S	Wetlands: drains, no trees
202	1.5	N.S	Wetlands: no drains, trees
203	0.7	N.S	Wetlands: drains, trees
210	N.S	N.S	Bare dunes
222	2.0	N.S	Undiff. montane veg.: rock
223	23.0	0.5	Undiff. montane veg.: no rock

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Table 2.0.3 Total audit of land cover features in Borders Region in which all mosaics are separately identified
(continued).

code	area	%	primary feature	secondary feature
328	65.8	1.4	Imp. pasture: no rock, no farms, no trees	Undiff. Nardus/Molinia: no rock, no trees
353	7.4	0.2	Imp. pasture: no rock, no farms, no trees	Smooth grass/rushes: no rock, no trees
356	5.7	0.1	Undiff. smooth grass.: no rock, no trees	Smooth grass/rushes: no rock, no trees
385	4.2	0.1	Undiff. heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
389	9.0	0.2	Dry heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
390	1.5	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. smooth grass.: no rock, no trees
402	2.4	0.1	Smooth grass/rushes: no rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
416	42.9	0.9	Undiff. Nardus/Molinia: no rock, no trees	Smooth grass/rushes: no rock, no trees
421	38.2	0.8	Undiff. smooth grass.: no rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
424	9.8	0.2	Undiff. smooth grass.: rock, no trees	Undiff. Nardus/Molinia: rock, no trees
426	3.1	0.1	Smooth grass/rushes: no rock, no trees	Undiff. smooth grass.: no rock, no trees
428	7.0	0.1	Undiff. Nardus/Molinia: rock, no trees	Dry heather moor: rock, no burning, no trees
442	110.4	2.3	Undiff. heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
443	19.2	0.4	Undiff. heather moor: no rock, burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
444	30.7	0.6	Undiff. Nardus/Molinia: no rock, no trees	Undiff. smooth grass.: no rock, no trees
448	13.1	0.3	Undiff. heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: rock, no trees
453	7.2	0.2	Imp. pasture: no rock, no farms, no trees	Undiff. smooth grass.: rock, no trees
458	0.2	N.S	Undiff. smooth grass.: no rock, trees	Smooth grass/rushes: no rock, trees
468	0.3	N.S	Dry heather moor: rock, no burning, trees	Undiff. smooth grass.: no rock, trees
486	97.2	2.1	Dry heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
494	5.7	0.1	Undiff. Nardus/Molinia: rock, no trees	Undiff. heather moor: rock, no burning, no trees
503	0.7	N.S	Undiff. Nardus/Molinia: rock, no trees	Undiff. smooth grass.: rock, no trees
530	6.5	0.1	Undiff. smooth grass.: rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
532	25.7	0.5	Dry heather moor: no rock, burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
564	1.7	N.S	Undiff. Nardus/Molinia: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
603	1.1	N.S	Undiff. montane veg.: no rock	Blanket bog/peat. veg.: erosion, no trees
624	0.3	N.S	Undiff. smooth grass.: rock, no trees	Wetlands: no drains, no trees
668	2.7	0.1	Undiff. Nardus/Molinia: no rock, no trees	Imp. pasture: no rock, no farms, no trees
689	3.3	0.1	Blanket bog/peat. veg.: erosion, no trees	Blanket bog/peat. veg.: no erosion, no trees
762	2.1	N.S	Undiff. Nardus/Molinia: no rock, no trees	Dry heather moor: no rock, no burning, no trees
820	1.1	N.S	Undiff. Nardus/Molinia: no rock, no trees	Dry heather moor: no rock, burning, no trees
859	0.3	N.S	Dry heather moor: no rock, no burning, no trees	Dry heather moor: rock, no burning, no trees
933	3.3	0.1	Undiff. heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
956	0.2	N.S	Dry heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
1072	4.9	0.1	Recent ploughing for forestry	Undiff. Nardus/Molinia: no rock, no trees
1126	0.5	N.S	Undiff. Nardus/Molinia: rock, no trees	Undiff. smooth grass.: no rock, no trees
TOTAL	4732.5	100.0		

Cover types		single feature		features in mosaics	
		area	%	primary	secondary
Open countryside					
A	Arable	451.9	49.3	0	0
B	Improved grassland	215.7	23.5	4.2	0.7
C	Good rough grassland	29.1	3.2	2.4	11.6
D	Poor rough grassland	19.6	2.1	3.8	37.0
E	Bracken	0	0	0	0
F	Heather moorland	62.4	6.8	38.9	0
G	Peatland	2.2	0.2	0	0
H	Montane	0	0	0	0
I	Rock and cliffs	2.6	0.3	0	0
Woodland					
J	Felled woodland	2.5	0.3	0	0
K	Recent planting	20.2	2.2	0	0
L	Coniferous plantation	34.3	3.7	0	0
M	Semi-natural coniferous	0	0	0	0
N	Mixed woodland	12.3	1.3	0	0
O	Broadleaved	3.3	0.4	0	0
P	Scrub	0.4	N.S	0	0
Wet ground					
Q	Fresh waters	2.3	0.2	0	0
R	Marshes	0.3	N.S	0	0
S	Saltmarshes	0	0	0	0
T	Dunes	N.S	N.S	0	0
U	Tidal waters	0	0	0	0
Developed					
V	Rural development	2.0	0.2	0	0
W	Urban	6.6	0.7	0	0
Other					
X	Missing photography/obscured land	0	0	0	0
SUBTOTAL		867.7	94.6		
Y	Mosaics of types above	49.3	5.4	49.3	49.3
DISTRICT TOTAL		917.0	100.0		

Nationally significant mosaics			area	%
FG	Heather moorland	Peatland	0	0
DF	Poor rough grassland	Heather moorland	36.0	3.9
CF	Good rough grassland	Heather moorland	2.9	0.3
GH	Peatland	Montane	0	0
CD	Good rough grassland	Poor rough grassland	4.0	0.4
BC	Improved grassland	Good rough grassland	4.2	0.5
CE	Good rough grassland	Bracken	0	0
DG	Poor rough grassland	Peatland	0	0
FH	Heather moorland	Montane	0	0
SUBTOTAL			47.1	5.1
Locally significant mosaic			area	%
BD	Improved grassland	Poor rough grassland	0.7	0.1
SUBTOTAL			0.7	0.1
Remaining mosaics			1.5	0.2
MOSAICS OF SUMMARY COVER TYPES			49.3	5.4

Table 2.1.1

Berwickshire District

Land cover summary categories

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not match the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05. Please refer to Figure 6.2 for guidance in the interpretation of this table.

Table 2.1.2 Total audit of land cover features in Berwickshire District in which all mosaics are allocated according to primary or secondary feature.

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S. = not significant = < 0.05 sq km. Please refer to Figure 6.3 for guidance in the interpretation of this table.

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
3	0.2	0	0	Factory
4	0.8	0	0	Airfield
5	0.6	0	0	Golf course
10	2.6	0	0	Rock and cliffs (area)
12	0.3	0	0	Quarries and opencast (area)
14	N.S	0	0	Bings and refuse tips (area)
18	2.3	0	0	Water (area)
20	6.6	0	0	Built-up (area)
70	34.3	0	0	Coniferous plantation (area)
76	3.3	0	0	Undiff. broadleaved (area)
79	12.3	0	0	Undiff. mixed woodland (area)
82	0.4	0	0	Undiff. low scrub
83	18.7	0	0	Recent ploughing for forestry
84	2.5	0	0	Recently felled forestry
85	1.4	0	0	Open canopy (young plantation)
90	192.2	4.2	0.7	Imp. pasture: no rock, no farms, no trees
91	11.3	0	0	Imp. pasture: no rock, no farms, trees
93	3.3	0	0	Imp. pasture: no rock, farms, trees
94	8.8	0	0	Imp. pasture: rock, no farms, no trees
100	449.0	0	0	Arable: no rock, no farms, no trees
101	0.3	0	0	Arable: no rock, no farms, trees
102	2.6	0	0	Arable: no rock, farms, no trees
110	8.9	10.5	0	Dry heather moor: no rock, no burning, no trees
111	0.3	0	0	Dry heather moor: no rock, no burning, trees
112	6.0	19.9	0	Dry heather moor: no rock, burning, no trees
115	0	0.3	0	Dry heather moor: rock, no burning, trees
130	2.1	8.1	0	Undiff. heather moor: no rock, no burning, no trees
132	45.2	0	0	Undiff. heather moor: no rock, burning, no trees
140	19.4	3.8	37.0	Undiff. Nardus/Molinia: no rock, no trees
141	0.2	0	0	Undiff. Nardus/Molinia: no rock, trees
150	9.7	0.2	5.4	Smooth grass/rushes: no rock, no trees
155	3.2	0	0	Smooth grass/low scrub: no rock, no trees
156	1.6	0	0	Smooth grass/low scrub: no rock, trees
157	0.5	0	0	Smooth grass/low scrub: rock, no trees
158	0.4	0	0	Smooth grass/low scrub: rock, trees
160	6.9	2.2	5.8	Undiff. smooth grass.: no rock, no trees
161	4.8	0	0.3	Undiff. smooth grass.: no rock, trees
162	2.1	0	0	Undiff. smooth grass.: rock, no trees
182	1.7	0	0	Blanket bog/peat. veg.: no erosion, no trees
185	0.5	0	0	Blanket bog/peat. veg.: industrial peat workings
200	N.S	0	0	Wetlands: no drains, no trees
202	0.1	0	0	Wetlands: no drains, trees
203	0.2	0	0	Wetlands: drains, trees
210	N.S	0	0	Bare dunes
TOTAL	867.7	49.3	49.3	

Table 2.1.3 Total audit of land cover features in Berwickshire District in which all mosaics are separately identified.

All areas are expressed in square kilometres to 1 decimal place; all percentages are expressed as % of the total area; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05

code	area	%	description	
3	0.2	N.S	Factory	
4	0.8	0.1	Airfield	
5	0.6	0.1	Golf course	
10	2.6	0.3	Rock and cliffs (area)	
12	0.3	N.S	Quarries and opencast (area)	
14	N.S	N.S	Bings and refuse tips (area)	
18	2.3	0.2	Water (area)	
20	6.6	0.7	Built-up (area)	
70	34.3	3.7	Coniferous plantation (area)	
76	3.3	0.4	Undiff. broadleaved (area)	
79	12.3	1.3	Undiff. mixed woodland (area)	
82	0.4	N.S	Undiff. low scrub	
83	18.7	2.0	Recent ploughing for forestry	
84	2.5	0.3	Recently felled forestry	
85	1.4	0.2	Open canopy (young plantation)	
90	192.2	21.0	Imp. pasture: no rock, no farms, no trees	
91	11.3	1.2	Imp. pasture: no rock, no farms, trees	
93	3.3	0.4	Imp. pasture: no rock, farms, trees	
94	8.8	1.0	Imp. pasture: rock, no farms, no trees	
100	449.0	49.0	Arable: no rock, no farms, no trees	
101	0.3	N.S	Arable: no rock, no farms, trees	
102	2.6	0.3	Arable: no rock, farms, no trees	
110	8.9	1.0	Dry heather moor: no rock, no burning, no trees	
111	0.3	N.S	Dry heather moor: no rock, no burning, trees	
112	6.0	0.7	Dry heather moor: no rock, burning, no trees	
130	2.1	0.2	Undiff. heather moor: no rock, no burning, no trees	
132	45.2	4.9	Undiff. heather moor: no rock, burning, no trees	
140	19.4	2.1	Undiff. Nardus/Molinia: no rock, no trees	
141	0.2	N.S	Undiff. Nardus/Molinia: no rock, trees	
150	9.7	1.1	Smooth grass/rushes: no rock, no trees	
155	3.2	0.3	Smooth grass/low scrub: no rock, no trees	
156	1.6	0.2	Smooth grass/low scrub: no rock, trees	
157	0.5	0.1	Smooth grass/low scrub: rock, no trees	
158	0.4	N.S	Smooth grass/low scrub: rock, trees	
160	6.9	0.8	Undiff. smooth grass.: no rock, no trees	
161	4.8	0.5	Undiff. smooth grass.: no rock, trees	
162	2.1	0.2	Undiff. smooth grass.: rock, no trees	
182	1.7	0.2	Blanket bog/peat. veg.: no erosion, no trees	
185	0.5	0.1	Blanket bog/peat. veg.: industrial peat workings	
200	N.S	N.S	Wetlands: no drains, no trees	
202	0.1	N.S	Wetlands: no drains, trees	
203	0.2	N.S	Wetlands: drains, trees	
210	N.S	N.S	Bare dunes	
code	area	%	primary feature	secondary feature
353	4.2	0.5	Imp. pasture: no rock, no farms, no trees	Smooth grass/rushes: no rock, no trees
356	1.2	0.1	Undiff. smooth grass.: no rock, no trees	Smooth grass/rushes: no rock, no trees
385	0.9	0.1	Undiff. heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees

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Table 2.1.3 Total audit of land cover features in Berwickshire in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
389	1.7	0.2	Dry heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
421	1.0	0.1	Undiff. smooth grass.: no rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
426	0.2	N.S	Smooth grass/rushes: no rock, no trees	Undiff. smooth grass.: no rock, no trees
442	7.3	0.8	Undiff. heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
444	3.0	0.3	Undiff. Nardus/Molinia: no rock, no trees	Undiff. smooth grass.: no rock, no trees
468	0.3	N.S	Dry heather moor: rock, no burning, trees	Undiff. smooth grass.: no rock, trees
486	8.8	1.0	Dry heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
532	19.9	2.2	Dry heather moor: no rock, burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
668	0.7	0.1	Undiff. Nardus/Molinia: no rock, no trees	Imp. pasture: no rock, no farms, no trees
TOTAL	917.0	100.0		

Cover types		single feature		features in mosaics	
		area	%	primary	secondary
Open countryside					
A	Arable	142.6	10.5	0	0
B	Improved grassland	396.2	29.1	5.0	0.7
C	Good rough grassland	62.6	4.6	4.0	23.5
D	Poor rough grassland	214.1	15.7	21.8	90.7
E	Bracken	0	0	0	0
F	Heather moorland	136.0	10.0	91.5	7.1
G	Peatland	55.9	4.1	0	0
H	Montane	6.8	0.5	0	0
I	Rock and cliffs	0	0	0	0
Woodland					
J	Felled woodland	2.3	0.2	0	0
K	Recent planting	33.3	2.4	0	0
L	Coniferous plantation	144.2	10.6	0	0
M	Semi-natural coniferous	0	0	0	0
N	Mixed woodland	15.4	1.1	0	0
O	Broadleaved	2.6	0.2	0	0
P	Scrub	0.5	N.S	0	0
Wet ground					
Q	Fresh waters	9.2	0.7	0	0
R	Marshes	3.0	0.2	0	0.3
S	Saltmarshes	0	0	0	0
T	Dunes	0	0	0	0
U	Tidal waters	0	0	0	0
Developed					
V	Rural development	3.3	0.2	0	0
W	Urban	12.5	0.9	0	0
Other					
X	Missing photography/obscured land	0.1	N.S	0	0
SUBTOTAL		1240.6	91.0		
Y	Mosaics of types above	122.4	9.0	122.4	122.4
DISTRICT TOTAL		1362.9	100.0		

Nationally significant mosaics			area	%
FG	Heather moorland	Peatland	0	0
DF	Poor rough grassland	Heather moorland	96.2	7.1
CF	Good rough grassland	Heather moorland	2.4	0.2
GH	Peatland	Montane	0	0
CD	Good rough grassland	Poor rough grassland	14.7	1.1
BC	Improved grassland	Good rough grassland	4.1	0.3
CE	Good rough grassland	Bracken	0	0
DG	Poor rough grassland	Peatland	0	0
FH	Heather moorland	Montane	0	0
SUBTOTAL			117.5	8.6
Locally significant mosaics			area	%
BD	Improved grassland	Poor rough grassland	1.6	0.1
CR	Good rough grassland	Marshes	0.3	N.S
SUBTOTAL			1.9	0.1
Remaining mosaics			2.9	0.2
MOSAICS OF SUMMARY COVER TYPES			122.4	9.0

Table 2.2.1

Ettrick & Lauderdale District

Land cover summary categories

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not match the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05. Please refer to Figure 6.2 for guidance in the interpretation of this table.

Table 2.2.2 Total audit of land cover features in Ettrick & Lauderdale District in which all mosaics are allocated according to primary or secondary feature.

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05 sq km. Please refer to Figure 6.3 for guidance in the interpretation of this table.

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
3	0.4	0	0	Factory
5	1.9	0	0	Golf course
6	0.4	0	0	Cemeteries
7	0.1	0	0	Recreational land
12	0.6	0	0	Quarries and opencast (area)
18	9.2	0	0	Water (area)
20	12.5	0	0	Built-up (area)
70	144.2	0	0	Coniferous plantation (area)
76	2.6	0	0	Undiff. broadleaved (area)
79	15.4	0	0	Undiff. mixed woodland (area)
82	0.5	0	0	Undiff. low scrub
83	23.0	0	0	Recent ploughing for forestry
84	2.3	0	0	Recently felled forestry
85	10.0	0	0	Open canopy (young plantation)
87	0.3	0	0	Recent 'ripping' for forestry
90	380.1	5.0	0.7	Imp. pasture: no rock, no farms, no trees
91	8.8	0	0	Imp. pasture: no rock, no farms, trees
92	0.5	0	0	Imp. pasture: no rock, farms, no trees
94	6.7	0	0	Imp. pasture: rock, no farms, no trees
95	0.2	0	0	Imp. pasture: rock, no farms, trees
100	142.6	0	0	Arable: no rock, no farms, no trees
110	19.1	21.7	1.9	Dry heather moor: no rock, no burning, no trees
112	48.3	3.7	0	Dry heather moor: no rock, burning, no trees
114	1.1	0	1.9	Dry heather moor: rock, no burning, no trees
130	13.7	43.7	0.4	Undiff. heather moor: no rock, no burning, no trees
132	52.6	17.5	0	Undiff. heather moor: no rock, burning, no trees
134	1.2	4.9	3.0	Undiff. heather moor: rock, no burning, no trees
140	196.7	17.0	88.0	Undiff. Nardus/Molinia: no rock, no trees
141	0.1	0	0	Undiff. Nardus/Molinia: no rock, trees
142	17.4	4.8	2.8	Undiff. Nardus/Molinia: rock, no trees
146	0.1	0	0	invalid code
150	13.0	1.7	8.3	Smooth grass/rushes: no rock, no trees
151	0.1	0	0	Smooth grass/rushes: no rock, trees
155	3.5	0	0	Smooth grass/low scrub: no rock, no trees
156	0.9	0	0	Smooth grass/low scrub: no rock, trees
157	0.1	0	0	Smooth grass/low scrub: rock, no trees
158	1.0	0	0	Smooth grass/low scrub: rock, trees
160	24.4	2.0	11.5	Undiff. smooth grass.: no rock, no trees
161	6.1	0	0	Undiff. smooth grass.: no rock, trees
162	13.5	0.3	3.6	Undiff. smooth grass.: rock, no trees
180	43.5	0	0	Blanket bog/peat. veg.: erosion, no trees
182	12.3	0	0	Blanket bog/peat. veg.: no erosion, no trees
200	1.3	0	0.3	Wetlands: no drains, no trees
201	0.7	0	0	Wetlands: drains, no trees

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Table 2.2.2 Total audit of land cover features in Ettrick & Lauderdale District in which all mosaics are allocated according to primary or secondary feature (continued).

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
202	0.9	0	0	Wetlands: no drains, trees
203	0.1	0	0	Wetlands: drains, trees
223	6.8	0	0	Undiff. montane veg.: no rock
TOTAL	1240.6	122.4	122.4	

Table 2.2.3 Total audit of land cover features in Ettrick & Lauderdale District in which all mosaics are separately identified.

All areas are expressed in square kilometres to 1 decimal place; all percentages are expressed as % of the total area; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05

code	area	%	description
3	0.4	N.S	Factory
5	1.9	0.1	Golf course
6	0.4	N.S	Cemeteries
7	0.1	N.S	Recreational land
12	0.6	N.S	Quarries and opencast (area)
18	9.2	0.7	Water (area)
20	12.5	0.9	Built-up (area)
70	144.2	10.6	Coniferous plantation (area)
76	2.6	0.2	Undiff. broadleaved (area)
79	15.4	1.1	Undiff. mixed woodland (area)
82	0.5	N.S	Undiff. low scrub
83	23.0	1.7	Recent ploughing for forestry
84	2.3	0.2	Recently felled forestry
85	10.0	0.7	Open canopy (young plantation)
87	0.3	N.S	Recent 'ripping' for forestry
90	380.1	27.9	Imp. pasture: no rock, no farms, no trees
91	8.8	0.6	Imp. pasture: no rock, no farms, trees
92	0.5	N.S	Imp. pasture: no rock, farms, no trees
94	6.7	0.5	Imp. pasture: rock, no farms, no trees
95	0.2	N.S	Imp. pasture: rock, no farms, trees
100	142.6	10.5	Arable: no rock, no farms, no trees
110	19.1	1.4	Dry heather moor: no rock, no burning, no trees
112	48.3	3.5	Dry heather moor: no rock, burning, no trees
114	1.1	0.1	Dry heather moor: rock, no burning, no trees
130	13.7	1.0	Undiff. heather moor: no rock, no burning, no trees
132	52.6	3.9	Undiff. heather moor: no rock, burning, no trees
134	1.2	0.1	Undiff. heather moor: rock, no burning, no trees
140	196.7	14.4	Undiff. Nardus/Molinia: no rock, no trees
141	0.1	N.S	Undiff. Nardus/Molinia: no rock, trees
142	17.4	1.3	Undiff. Nardus/Molinia: rock, no trees
146	0.1	N.S	invalid code
150	13.0	1.0	Smooth grass/rushes: no rock, no trees
151	0.1	N.S	Smooth grass/rushes: no rock, trees

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Table 2.2.3 Total audit of land cover features in Ettrick & Lauderdale District in which all mosaics are separately identified (continued).

code	area	%	primary feature	
155	3.5	0.3	Smooth grass/low scrub: no rock, no trees	
156	0.9	0.1	Smooth grass/low scrub: no rock, trees	
157	0.1	N.S	Smooth grass/low scrub: rock, no trees	
158	1.0	0.1	Smooth grass/low scrub: rock, trees	
160	24.4	1.8	Undiff. smooth grass.: no rock, no trees	
161	6.1	0.4	Undiff. smooth grass.: no rock, trees	
162	13.5	1.0	Undiff. smooth grass.: rock, no trees	
180	43.5	3.2	Blanket bog/peat. veg.: erosion, no trees	
182	12.3	0.9	Blanket bog/peat. veg.: no erosion, no trees	
200	1.3	0.1	Wetlands: no drains, no trees	
201	0.7	0.1	Wetlands: drains, no trees	
202	0.9	0.1	Wetlands: no drains, trees	
203	0.1	N.S	Wetlands: drains, trees	
223	6.8	0.5	Undiff. montane veg.: no rock	
code	area	%	primary feature	secondary feature
328	0.9	0.1	Imp. pasture: no rock, no farms, no trees	Undiff. Nardus/Molinia: no rock, no trees
353	0.2	N.S	Imp. pasture: no rock, no farms, no trees	Smooth grass/rushes: no rock, no trees
356	1.7	0.1	Undiff. smooth grass.: no rock, no trees	Smooth grass/rushes: no rock, no trees
389	2.4	0.2	Dry heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
390	0.3	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. smooth grass.: no rock, no trees
402	0.4	N.S	Smooth grass/rushes: no rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
416	6.4	0.5	Undiff. Nardus/Molinia: no rock, no trees	Smooth grass/rushes: no rock, no trees
421	0.3	N.S	Undiff. smooth grass.: no rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
426	1.2	0.1	Smooth grass/rushes: no rock, no trees	Undiff. smooth grass.: no rock, no trees
428	1.9	0.1	Undiff. Nardus/Molinia: rock, no trees	Dry heather moor: rock, no burning, no trees
442	43.7	3.2	Undiff. heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
443	17.5	1.3	Undiff. heather moor: no rock, burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
444	7.6	0.6	Undiff. Nardus/Molinia: no rock, no trees	Undiff. smooth grass.: no rock, no trees
448	2.8	0.2	Undiff. heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: rock, no trees
453	3.6	0.3	Imp. pasture: no rock, no farms, no trees	Undiff. smooth grass.: rock, no trees
486	19.3	1.4	Dry heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
494	3.0	0.2	Undiff. Nardus/Molinia: rock, no trees	Undiff. heather moor: rock, no burning, no trees
532	3.7	0.3	Dry heather moor: no rock, burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
564	0.4	N.S	Undiff. Nardus/Molinia: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
624	0.3	N.S	Undiff. smooth grass.: rock, no trees	Wetlands: no drains, no trees
668	0.7	0.1	Undiff. Nardus/Molinia: no rock, no trees	Imp. pasture: no rock, no farms, no trees
762	1.9	0.1	Undiff. Nardus/Molinia: no rock, no trees	Dry heather moor: no rock, no burning, no trees
933	2.1	0.2	Undiff. heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
TOTAL	1362.9	100.0		

Cover types		single feature		features in mosaics	
		area	%	primary	secondary
Open countryside					
A	Arable	262.9	17.0	0	0
B	Improved grassland	386.0	24.9	66.8	0.4
C	Good rough grassland	51.5	3.3	58.8	60.0
D	Poor rough grassland	183.4	11.9	46.1	187.6
E	Bracken	0	0	0	0
F	Heather moorland	7.5	0.5	75.4	4.0
G	Peatland	45.2	2.9	3.3	3.3
H	Montane	0	0	0	0
I	Rock and cliffs	0	0	0	0
Woodland					
J	Felled woodland	11.3	0.7	0	0
K	Recent planting	35.4	2.3	4.9	0
L	Coniferous plantation	268.5	17.4	0	0
M	Semi-natural coniferous	0	0	0	0
N	Mixed woodland	18.3	1.2	0	0
O	Broadleaved	1.5	0.1	0	0
P	Scrub	0.5	N.S	0	0
Wet ground					
Q	Fresh waters	4.1	0.3	0	0
R	Marshes	1.7	0.1	0	0
S	Saltmarshes	0	0	0	0
T	Dunes	0	0	0	0
U	Tidal waters	0	0	0	0
Developed					
V	Rural development	2.5	0.2	0	0
W	Urban	11.4	0.7	0	0
Other					
X	Missing photography/obscured land	0	0	0	0
SUBTOTAL		1291.8	83.5		
Y	Mosaics of types above	255.4	16.5	255.4	255.4
DISTRICT TOTAL		1547.1	100.0		

Nationally significant mosaics			area	%
FG	Heather moorland	Peatland	0	0
DF	Poor rough grassland	Heather moorland	71.1	4.6
CF	Good rough grassland	Heather moorland	8.3	0.5
GH	Peatland	Montane	0	0
CD	Good rough grassland	Poor rough grassland	96.9	6.3
BC	Improved grassland	Good rough grassland	6.5	0.4
CE	Good rough grassland	Bracken	0	0
DG	Poor rough grassland	Peatland	0	0
FH	Heather moorland	Montane	0	0
SUBTOTAL			182.9	11.8
Locally significant mosaics			area	%
BD	Improved grassland	Poor rough grassland	60.7	3.9
DK	Poor rough grassland	Recent planting	4.9	0.3
SUBTOTAL			65.6	4.2
Remaining mosaics			6.9	0.4
MOSAICS OF SUMMARY COVER TYPES			255.4	16.5

Table 2.3.1

Roxburgh District

Land cover summary categories

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not match the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05. Please refer to Figure 6.2 for guidance in the interpretation of this table.

Table 2.3.2 Total audit of land cover features in Roxburgh District in which all mosaics are allocated according to primary or secondary feature.

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S. = not significant = < 0.05 sq km. Please refer to Figure 6.3 for guidance in the interpretation of this table.

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
3	N.S	0	0	Factory
5	1.1	0	0	Golf course
6	0.1	0	0	Cemeteries
7	0.6	0	0	Recreational land
12	0.5	0	0	Quarries and opencast (area)
18	4.1	0	0	Water (area)
20	11.4	0	0	Built-up (area)
22	0.2	0	0	Transport features, rail
70	268.5	0	0	Coniferous plantation (area)
76	1.5	0	0	Undiff. broadleaved (area)
79	18.3	0	0	Undiff. mixed woodland (area)
82	0.5	0	0	Undiff. low scrub
83	16.7	4.9	0	Recent ploughing for forestry
84	11.3	0	0	Recently felled forestry
85	18.8	0	0	Open canopy (young plantation)
90	351.1	66.8	0.4	Imp. pasture: no rock, no farms, no trees
91	14.8	0	0	Imp. pasture: no rock, no farms, trees
94	20.0	0	0	Imp. pasture: rock, no farms, no trees
100	262.9	0	0	Arable: no rock, no farms, no trees
110	0.1	16.4	0	Dry heather moor: no rock, no burning, no trees
130	2.5	45.9	1.3	Undiff. heather moor: no rock, no burning, no trees
132	4.8	1.7	0	Undiff. heather moor: no rock, burning, no trees
134	0.1	11.3	2.7	Undiff. heather moor: rock, no burning, no trees
140	174.1	42.2	167.4	Undiff. Nardus/Molinia: no rock, no trees
141	0.3	0	0	Undiff. Nardus/Molinia: no rock, trees
142	8.9	3.9	20.2	Undiff. Nardus/Molinia: rock, no trees
150	4.5	3.0	38.1	Smooth grass/rushes: no rock, no trees
151	0	0	0.2	Smooth grass/rushes: no rock, trees
155	0.9	0	0	Smooth grass/low scrub: no rock, no trees
156	1.3	0	0	Smooth grass/low scrub: no rock, trees
160	21.6	39.3	17.3	Undiff. smooth grass.: no rock, no trees
161	6.3	0.2	0	Undiff. smooth grass.: no rock, trees
162	16.9	16.3	4.3	Undiff. smooth grass.: rock, no trees
180	40.2	3.3	0	Blanket bog/peat. veg.: erosion, no trees
182	5.0	0	3.3	Blanket bog/peat. veg.: no erosion, no trees
200	0.4	0	0	Wetlands: no drains, no trees
201	0.3	0	0	Wetlands: drains, no trees
202	0.5	0	0	Wetlands: no drains, trees
203	0.5	0	0	Wetlands: drains, trees
TOTAL	1291.8	255.4	255.4	

Table 2.3.3 Total audit of land cover features in Roxburgh District in which all mosaics are separately identified.
All areas are expressed in square kilometres to 1 decimal place; all percentages are expressed as % of the total area; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05

code	area	%	description	
3	N.S	N.S	Factory	
5	1.1	0.1	Golf course	
6	0.1	N.S	Cemeteries	
7	0.6	N.S	Recreational land	
12	0.5	N.S	Quarries and opencast (area)	
18	4.1	0.3	Water (area)	
20	11.4	0.7	Built-up (area)	
22	0.2	N.S	Transport features, rail	
70	268.5	17.4	Coniferous plantation (area)	
76	1.5	0.1	Undiff. broadleaved (area)	
79	18.3	1.2	Undiff. mixed woodland (area)	
82	0.5	N.S	Undiff. low scrub	
83	16.7	1.1	Recent ploughing for forestry	
84	11.3	0.7	Recently felled forestry	
85	18.8	1.2	Open canopy (young plantation)	
90	351.1	22.7	Imp. pasture: no rock, no farms, no trees	
91	14.8	1.0	Imp. pasture: no rock, no farms, trees	
94	20.0	1.3	Imp. pasture: rock, no farms, no trees	
100	262.9	17.0	Arable: no rock, no farms, no trees	
110	0.1	N.S	Dry heather moor: no rock, no burning, no trees	
130	2.5	0.2	Undiff. heather moor: no rock, no burning, no trees	
132	4.8	0.3	Undiff. heather moor: no rock, burning, no trees	
134	0.1	N.S	Undiff. heather moor: rock, no burning, no trees	
140	174.1	11.3	Undiff. Nardus/Molinia: no rock, no trees	
141	0.3	N.S	Undiff. Nardus/Molinia: no rock, trees	
142	8.9	0.6	Undiff. Nardus/Molinia: rock, no trees	
150	4.5	0.3	Smooth grass/rushes: no rock, no trees	
155	0.9	0.1	Smooth grass/low scrub: no rock, no trees	
156	1.3	0.1	Smooth grass/low scrub: no rock, trees	
160	21.6	1.4	Undiff. smooth grass.: no rock, no trees	
161	6.3	0.4	Undiff. smooth grass.: no rock, trees	
162	16.9	1.1	Undiff. smooth grass.: rock, no trees	
180	40.2	2.6	Blanket bog/peat. veg.: erosion, no trees	
182	5.0	0.3	Blanket bog/peat. veg.: no erosion, no trees	
200	0.4	N.S	Wetlands: no drains, no trees	
201	0.3	N.S	Wetlands: drains, no trees	
202	0.5	N.S	Wetlands: no drains, trees	
203	0.5	N.S	Wetlands: drains, trees	
code	area	%	primary feature	secondary feature
328	60.3	3.9	Imp. pasture: no rock, no farms, no trees	Undiff. Nardus/Molinia: no rock, no trees
353	2.0	0.1	Imp. pasture: no rock, no farms, no trees	Smooth grass/rushes: no rock, no trees
356	2.3	0.2	Undiff. smooth grass.: no rock, no trees	Smooth grass/rushes: no rock, no trees
385	3.4	0.2	Undiff. heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
389	4.9	0.3	Dry heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
390	0.9	0.1	Imp. pasture: no rock, no farms, no trees	Undiff. smooth grass.: no rock, no trees
402	2.0	0.1	Smooth grass/rushes: no rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
416	33.8	2.2	Undiff. Nardus/Molinia: no rock, no trees	Smooth grass/rushes: no rock, no trees

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Table 2.3.3 Total audit of land cover features in Roxburgh District in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
421	37.0	2.4	Undiff. smooth grass.: no rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
424	9.8	0.6	Undiff. smooth grass.: rock, no trees	Undiff. Nardus/Molinia: rock, no trees
426	1.0	0.1	Smooth grass/rushes: no rock, no trees	Undiff. smooth grass.: no rock, no trees
442	42.5	2.7	Undiff. heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
443	1.7	0.1	Undiff. heather moor: no rock, burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
444	6.7	0.4	Undiff. Nardus/Molinia: no rock, no trees	Undiff. smooth grass.: no rock, no trees
448	10.4	0.7	Undiff. heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: rock, no trees
453	3.6	0.2	Imp. pasture: no rock, no farms, no trees	Undiff. smooth grass.: rock, no trees
458	0.2	N.S	Undiff. smooth grass.: no rock, trees	Smooth grass/rushes: no rock, trees
486	11.5	0.7	Dry heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
494	2.7	0.2	Undiff. Nardus/Molinia: rock, no trees	Undiff. heather moor: rock, no burning, no trees
503	0.7	N.S	Undiff. Nardus/Molinia: rock, no trees	Undiff. smooth grass.: rock, no trees
530	6.5	0.4	Undiff. smooth grass.: rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
564	1.3	0.1	Undiff. Nardus/Molinia: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
668	0.4	N.S	Undiff. Nardus/Molinia: no rock, no trees	Imp. pasture: no rock, no farms, no trees
689	3.3	0.2	Blanket bog/peat. veg.: erosion, no trees	Blanket bog/peat. veg.: no erosion, no trees
933	1.0	0.1	Undiff. heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
1072	4.9	0.3	Recent ploughing for forestry	Undiff. Nardus/Molinia: no rock, no trees
1126	0.5	N.S	Undiff. Nardus/Molinia: rock, no trees	Undiff. smooth grass.: no rock, no trees
TOTAL	1547.1	100.0		

Cover types		single feature		features in mosaics	
		area	%	primary	secondary
Open countryside					
A	Arable	0.4	N.S	0	0
B	Improved grassland	232.6	25.7	5.9	0.8
C	Good rough grassland	34.3	3.8	1.0	18.4
D	Poor rough grassland	149.1	16.5	23.2	81.4
E	Bracken	0	0	0	0
F	Heather moorland	141.1	15.6	77.2	6.6
G	Peatland	33.5	3.7	0	1.1
H	Montane	18.2	2.0	1.1	0
I	Rock and cliffs	0.1	N.S	0	0
Woodland					
J	Felled woodland	2.9	0.3	0	0
K	Recent planting	56.8	6.3	0	0
L	Coniferous plantation	107.2	11.8	0	0
M	Semi-natural coniferous	N.S	N.S	0	0
N	Mixed woodland	7.5	0.8	0	0
O	Broadleaved	1.0	0.1	0	0
P	Scrub	0.3	N.S	0	0
Wet ground					
Q	Fresh waters	3.6	0.4	0	0
R	Marshes	0	0	0	0
S	Saltmarshes	0	0	0	0
T	Dunes	0	0	0	0
U	Tidal waters	0	0	0	0
Developed					
V	Rural development	2.8	0.3	0	0
W	Urban	5.5	0.6	0	0
Other					
X	Missing photography/obscured land	0	0	0	0
SUBTOTAL		797.1	88.0		
Y	Mosaics of types above	108.4	12.0	108.4	108.4
DISTRICT TOTAL		905.5	100.0		

Nationally significant mosaics			area	%
FG	Heather moorland	Peatland	0	0
DF	Poor rough grassland	Heather moorland	83.2	9.2
CF	Good rough grassland	Heather moorland	0	0
GH	Peatland	Montane	1.1	0.1
CD	Good rough grassland	Poor rough grassland	16.1	1.8
BC	Improved grassland	Good rough grassland	1.3	0.1
CE	Good rough grassland	Bracken	0	0
DG	Poor rough grassland	Peatland	0	0
FH	Heather moorland	Montane	0	0
SUBTOTAL			101.7	11.2
Locally significant mosaic			area	%
BD	Improved grassland	Poor rough grassland	5.4	0.6
SUBTOTAL			5.4	0.6
Remaining mosaics			1.3	0.1
MOSAICS OF SUMMARY COVER TYPES			108.4	12.0

Table 2.4.1

Tweeddale District

Land cover summary categories

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not match the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05. Please refer to Figure 6.2 for guidance in the interpretation of this table.

Table 2.4.2 Total audit of land cover features in Tweeddale District in which all mosaics are allocated according to primary or secondary feature.

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05 sq km. Please refer to Figure 6.3 for guidance in the interpretation of this table.

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
3	0.1	0	0	Factory
5	1.3	0	0	Golf course
7	0.1	0	0	Recreational land
10	0.1	0	0	Rock and cliffs (area)
12	1.1	0	0	Quarries and opencast (area)
14	0.2	0	0	Bings and refuse tips (area)
18	3.6	0	0	Water (area)
20	5.5	0	0	Built-up (area)
70	107.2	0	0	Coniferous plantation (area)
73	N.S	0	0	Coniferous semi-natural (area)
76	1.0	0	0	Undiff. broadleaved (area)
79	7.5	0	0	Undiff. mixed woodland (area)
82	0.3	0	0	Undiff. low scrub
83	24.0	0	0	Recent ploughing for forestry
84	2.9	0	0	Recently felled forestry
85	32.8	0	0	Open canopy (young plantation)
90	223.3	5.9	0.8	Imp. pasture: no rock, no farms, no trees
91	8.0	0	0	Imp. pasture: no rock, no farms, trees
93	0.9	0	0	Imp. pasture: no rock, farms, trees
94	0.3	0	0	Imp. pasture: rock, no farms, no trees
100	0.4	0	0	Arable: no rock, no farms, no trees
110	42.1	57.8	0.2	Dry heather moor: no rock, no burning, no trees
112	85.7	2.0	1.1	Dry heather moor: no rock, burning, no trees
114	3.1	0.2	5.4	Dry heather moor: rock, no burning, no trees
116	0.8	0	0	Dry heather moor: rock, burning, no trees
130	3.9	16.9	0	Undiff. heather moor: no rock, no burning, no trees
131	0.3	0	0	Undiff. heather moor: no rock, no burning, trees
132	5.1	0	0	Undiff. heather moor: no rock, burning, no trees
134	0	0.2	0	Undiff. heather moor: rock, no burning, no trees
136	0.1	0	0	Undiff. heather moor: rock, burning, no trees
140	123.7	18.1	81.4	Undiff. Nardus/Molinia: no rock, no trees
141	0.2	0	0	Undiff. Nardus/Molinia: no rock, trees
142	25.3	5.1	0	Undiff. Nardus/Molinia: rock, no trees
143	0.1	0	0	Undiff. Nardus/Molinia: rock, trees
150	11.6	0.6	4.2	Smooth grass/rushes: no rock, no trees
151	0.3	0	0	Smooth grass/rushes: no rock, trees
155	0.5	0	0	Smooth grass/low scrub: no rock, no trees
156	N.S	0	0	Smooth grass/low scrub: no rock, trees
160	15.9	0.4	14.3	Undiff. smooth grass.: no rock, no trees
161	2.5	0	0	Undiff. smooth grass.: no rock, trees
162	3.1	0	0	Undiff. smooth grass.: rock, no trees
163	0.3	0	0	Undiff. smooth grass.: rock, trees
180	27.7	0	1.1	Blanket bog/peat. veg.: erosion, no trees
182	3.5	0	0	Blanket bog/peat. veg.: no erosion, no trees

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Table 2.4.2 Total audit of land cover features in the Tweeddale District in which all mosaics are allocated according to primary or secondary feature (continued).

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
183	0.9	0	0	Blanket bog/peat. veg.: no erosion, trees
185	1.4	0	0	Blanket bog/peat. veg.: industrial peat workings
222	2.0	0	0	Undiff. montane veg.: rock
223	16.2	1.1	0	Undiff. montane veg.: no rock
TOTAL	797.1	108.4	108.4	

Table 2.4.3 Total audit of land cover features in the Tweeddale District in which all mosaics are separately identified.

All areas are expressed in square kilometres to 1 decimal place; all percentages are expressed as % of the total area; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05

code	area	%	description
3	0.1	N.S	Factory
5	1.3	0.1	Golf course
7	0.1	N.S	Recreational land
10	0.1	N.S	Rock and cliffs (area)
12	1.1	0.1	Quarries and opencast (area)
14	0.2	N.S	Bings and refuse tips (area)
18	3.6	0.4	Water (area)
20	5.5	0.6	Built-up (area)
70	107.2	11.8	Coniferous plantation (area)
73	N.S	N.S	Coniferous semi-natural (area)
76	1.0	0.1	Undiff. broadleaved (area)
79	7.5	0.8	Undiff. mixed woodland (area)
82	0.3	N.S	Undiff. low scrub
83	24.0	2.7	Recent ploughing for forestry
84	2.9	0.3	Recently felled forestry
85	32.8	3.6	Open canopy (young plantation)
90	223.3	24.7	Imp. pasture: no rock, no farms, no trees
91	8.0	0.9	Imp. pasture: no rock, no farms, trees
93	0.9	0.1	Imp. pasture: no rock, farms, trees
94	0.3	N.S	Imp. pasture: rock, no farms, no trees
100	0.4	N.S	Arable: no rock, no farms, no trees
110	42.1	4.6	Dry heather moor: no rock, no burning, no trees
112	85.7	9.5	Dry heather moor: no rock, burning, no trees
114	3.1	0.3	Dry heather moor: rock, no burning, no trees
116	0.8	0.1	Dry heather moor: rock, burning, no trees
130	3.9	0.4	Undiff. heather moor: no rock, no burning, no trees
131	0.3	N.S	Undiff. heather moor: no rock, no burning, trees
132	5.1	0.6	Undiff. heather moor: no rock, burning, no trees
136	0.1	N.S	Undiff. heather moor: rock, burning, no trees
140	123.7	13.7	Undiff. Nardus/Molinia: no rock, no trees
141	0.2	N.S	Undiff. Nardus/Molinia: no rock, trees
142	25.3	2.8	Undiff. Nardus/Molinia: rock, no trees
143	0.1	N.S	Undiff. Nardus/Molinia: rock, trees

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Table 2.4.3 Total audit of land cover features in Tweeddale District in which all mosaics are separately identified (continued).

code	area	%	description	
150	11.6	1.3	Smooth grass/rushes: no rock, no trees	
151	0.3	N.S	Smooth grass/rushes: no rock, trees	
155	0.5	0.1	Smooth grass/low scrub: no rock, no trees	
156	N.S	N.S	Smooth grass/low scrub: no rock, trees	
160	15.9	1.8	Undiff. smooth grass.: no rock, no trees	
161	2.5	0.3	Undiff. smooth grass.: no rock, trees	
162	3.1	0.3	Undiff. smooth grass.: rock, no trees	
163	0.3	N.S	Undiff. smooth grass.: rock, trees	
180	27.7	3.1	Blanket bog/peat. veg.: erosion, no trees	
182	3.5	0.4	Blanket bog/peat. veg.: no erosion, no trees	
183	0.9	0.1	Blanket bog/peat. veg.: no erosion, trees	
185	1.4	0.2	Blanket bog/peat. veg.: industrial peat workings	
222	2.0	0.2	Undiff. montane veg.: rock	
223	16.2	1.8	Undiff. montane veg.: no rock	
code	area	%	primary feature	secondary feature
328	4.6	0.5	Imp. pasture: no rock, no farms, no trees	Undiff. Nardus/Molinia: no rock, no trees
353	0.9	0.1	Imp. pasture: no rock, no farms, no trees	Smooth grass/rushes: no rock, no trees
356	0.4	N.S	Undiff. smooth grass.: no rock, no trees	Smooth grass/rushes: no rock, no trees
390	0.4	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. smooth grass.: no rock, no trees
416	2.8	0.3	Undiff. Nardus/Molinia: no rock, no trees	Smooth grass/rushes: no rock, no trees
426	0.6	0.1	Smooth grass/rushes: no rock, no trees	Undiff. smooth grass.: no rock, no trees
428	5.1	0.6	Undiff. Nardus/Molinia: rock, no trees	Dry heather moor: rock, no burning, no trees
442	16.9	1.9	Undiff. heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
444	13.3	1.5	Undiff. Nardus/Molinia: no rock, no trees	Undiff. smooth grass.: no rock, no trees
486	57.5	6.4	Dry heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
532	2.0	0.2	Dry heather moor: no rock, burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
603	1.1	0.1	Undiff. montane veg.: no rock	Blanket bog/peat. veg.: erosion, no trees
668	0.8	0.1	Undiff. Nardus/Molinia: no rock, no trees	Imp. pasture: no rock, no farms, no trees
762	0.2	N.S	Undiff. Nardus/Molinia: no rock, no trees	Dry heather moor: no rock, no burning, no trees
820	1.1	0.1	Undiff. Nardus/Molinia: no rock, no trees	Dry heather moor: no rock, burning, no trees
859	0.3	N.S	Dry heather moor: no rock, no burning, no trees	Dry heather moor: rock, no burning, no trees
933	0.2	N.S	Undiff. heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
956	0.2	N.S	Dry heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
TOTAL	905.5	100.0		

Cover types		single feature		features in mosaics	
		area	%	primary	secondary
Open countryside					
A	Arable	346.0	12.8	0	0
B	Improved grassland	316.5	11.7	65.1	1.5
C	Good rough grassland	77.8	2.9	165.3	165.1
D	Poor rough grassland	73.5	2.7	189.0	154.6
E	Bracken	6.6	0.2	25.1	123.3
F	Heather moorland	91.7	3.4	322.7	93.1
G	Peatland	94.4	3.5	62.3	387.4
H	Montane	48.9	1.8	109.4	11.5
I	Rock and cliffs	0.7	N.S	0	2.1
Woodland					
J	Felled woodland	19.1	0.7	0.4	0.2
K	Recent planting	94.9	3.5	0.1	0
L	Coniferous plantation	250.9	9.3	0.1	0.7
M	Semi-natural coniferous	0	0	0	0
N	Mixed woodland	68.6	2.5	0.2	1.8
O	Broadleaved	62.3	2.3	0.4	0.8
P	Scrub	3.0	0.1	0	0.4
Wet ground					
Q	Fresh waters	69.1	2.6	0	0
R	Marshes	1.5	0.1	0.3	0.7
S	Saltmarshes	2.6	0.1	0	0
T	Dunes	0	0	0	0
U	Tidal waters	2.5	0.1	0	0
Developed					
V	Rural development	31.7	1.2	2.9	0
W	Urban	79.2	2.9	0	0
Other					
X	Missing photography/obscured land	18.5	0.7	0	0
SUBTOTAL		1759.9	65.1		
Y	Mosaics of types above	943.3	34.9	943.3	943.3
REGIONAL TOTAL		2703.2	100.0		

Nationally significant mosaics			area	%
FG	Heather moorland	Peatland	211.0	7.8
DF	Poor rough grassland	Heather moorland	154.5	5.7
CF	Good rough grassland	Heather moorland	17.9	0.7
GH	Peatland	Montane	104.5	3.9
CD	Good rough grassland	Poor rough grassland	36.9	1.4
BC	Improved grassland	Good rough grassland	62.5	2.3
CE	Good rough grassland	Bracken	104.8	3.9
DG	Poor rough grassland	Peatland	123.8	4.6
FH	Heather moorland	Montane	14.1	0.5
SUBTOTAL			830.1	30.7
Locally significant mosaics			area	%
DE	Poor rough grassland	Bracken	24.7	0.9
EF	Bracken	Heather moorland	17.0	0.6
CG	Good rough grassland	Peatland	8.7	0.3
BD	Improved grassland	Poor rough grassland	2.8	0.1
NV	Mixed woodland	Rural development	1.8	0.1
SUBTOTAL			55.1	2.0
Remaining mosaics			58.1	2.2
MOSAICS OF SUMMARY COVER TYPES			943.3	34.9

Table 3.0.1

Central Region

Land cover summary categories

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not match the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05. Please refer to Figure 6.2 for guidance in the interpretation of this table.

Table 3.0.2 Total audit of land cover features in Central Region in which all mosaics are allocated according to primary or secondary feature.

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S. = not significant = < 0.05 sq km. Please refer to Figure 6.3 for guidance in the interpretation of this table.

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
3	13.4	0	0	Factory
5	5.7	2.9	0	Golf course
6	0.3	0	0	Cemeteries
7	1.2	0	0	Recreational land
10	0.7	0	2.1	Rock and cliffs (area)
12	7.5	0	0	Quarries and opencast (area)
14	0.9	0	0	Bings and refuse tips (area)
18	69.1	0	0	Water (area)
20	79.2	0	0	Built-up (area)
21	2.5	0	0	Transport features, road
22	0.3	0	0	Transport features, rail
24	2.5	0	0	Estuary
26	18.5	0	0	Cloud cover
70	250.9	0.1	0.7	Coniferous plantation (area)
76	62.3	0.4	0.4	Undiff. broadleaved (area)
77	0	0	0.5	Undiff. broadleaved (line)
79	68.6	0.2	0	Undiff. mixed woodland (area)
80	0	0	0.9	Undiff. mixed woodland (line)
81	0	0	0.9	Undiff. mixed woodland (point)
82	3.0	0	0.4	Undiff. low scrub
83	52.5	0	0	Recent ploughing for forestry
84	19.1	0.4	0.2	Recently felled forestry
85	42.3	0.1	0	Open canopy (young plantation)
90	292.1	64.2	1.5	Imp. pasture: no rock, no farms, no trees
91	21.9	0.9	0	Imp. pasture: no rock, no farms, trees
92	0.7	0	0	Imp. pasture: no rock, farms, no trees
93	1.7	0	0	Imp. pasture: no rock, farms, trees
100	344.4	0	0	Arable: no rock, no farms, no trees
101	0.5	0	0	Arable: no rock, no farms, trees
102	1.2	0	0	Arable: no rock, farms, no trees
110	4.1	10.2	2.2	Dry heather moor: no rock, no burning, no trees
111	0.1	0.4	0	Dry heather moor: no rock, no burning, trees
112	2.0	2.8	0	Dry heather moor: no rock, burning, no trees
113	0.1	0	0	Dry heather moor: no rock, burning, trees
114	19.0	9.5	1.4	Dry heather moor: rock, no burning, no trees
115	0.1	3.0	0.3	Dry heather moor: rock, no burning, trees
116	0.8	2.2	0	Dry heather moor: rock, burning, no trees
120	4.1	1.5	10.2	Wet heather moor: no rock, no burning, no trees
130	12.6	161.0	51.5	Undiff. heather moor: no rock, no burning, no trees
131	0	2.5	2.6	Undiff. heather moor: no rock, no burning, trees
132	17.6	7.2	0	Undiff. heather moor: no rock, burning, no trees
134	30.6	121.8	24.2	Undiff. heather moor: rock, no burning, no trees
135	0.4	0.6	0.8	Undiff. heather moor: rock, no burning, trees
140	63.0	159.4	100.0	Undiff. Nardus/Molinia: no rock, no trees

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Table 3.0.2 Total audit of land cover features in Central Region in which all mosaics are allocated according to primary or secondary feature (continued).

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
141	1.7	3.0	5.9	Undiff. Nardus/Molinia: no rock, trees
142	8.6	25.9	48.3	Undiff. Nardus/Molinia: rock, no trees
143	0.2	0.6	0.3	Undiff. Nardus/Molinia: rock, trees
150	22.5	6.2	132.6	Smooth grass/rushes: no rock, no trees
151	2.0	1.1	3.0	Smooth grass/rushes: no rock, trees
155	2.5	1.4	0.9	Smooth grass/low scrub: no rock, no trees
156	3.1	1.6	0.5	Smooth grass/low scrub: no rock, trees
157	0.6	0	0	Smooth grass/low scrub: rock, no trees
160	28.0	122.0	17.5	Undiff. smooth grass.: no rock, no trees
161	9.5	10.9	0.7	Undiff. smooth grass.: no rock, trees
162	8.3	19.2	7.4	Undiff. smooth grass.: rock, no trees
163	1.3	2.8	2.5	Undiff. smooth grass.: rock, trees
170	4.0	9.4	85.9	Undiff. bracken: no rock, no trees
171	2.0	9.2	16.1	Undiff. bracken: no rock, trees
172	0.4	3.8	19.2	Undiff. bracken: rock, no trees
173	0.2	2.7	2.1	Undiff. bracken: rock, trees
180	39.7	11.2	104.8	Blanket bog/peat. veg.: erosion, no trees
182	42.6	50.9	282.4	Blanket bog/peat. veg.: no erosion, no trees
183	6.9	0	0.2	Blanket bog/peat. veg.: no erosion, trees
185	5.3	0.2	0	Blanket bog/peat. veg.: industrial peat workings
190	2.6	0	0	Undiff. salt marsh: no trees
200	0.4	0	0.7	Wetlands: no drains, no trees
201	0.3	0	0	Wetlands: drains, no trees
202	0.7	0.3	0	Wetlands: no drains, trees
203	0.1	0	0	Wetlands: drains, trees
222	43.8	76.9	10.0	Undiff. montane veg.: rock
223	5.1	32.4	1.5	Undiff. montane veg.: no rock
TOTAL	1759.9	943.3	943.3	

Table 3.0.3 Total audit of land cover features in Central Region in which all mosaics are separately identified.

All areas are expressed in square kilometres to 1 decimal place; all percentages are expressed as % of the total area; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05

code	area	%	description
3	13.4	0.5	Factory
5	5.7	0.2	Golf course
6	0.3	N.S	Cemeteries
7	1.2	N.S	Recreational land
10	0.7	N.S	Rock and cliffs (area)
12	7.5	0.3	Quarries and opencast (area)
14	0.9	N.S	Bings and refuse tips (area)
18	69.1	2.6	Water (area)
20	79.2	2.9	Built-up (area)

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Table 3.0.3 Total audit of land cover features in Central Region in which all mosaics are separately identified
(continued).

code	area	%	description
21	2.5	0.1	Transport features, road
22	0.3	N.S	Transport features, rail
24	2.5	0.1	Estuary
26	18.5	0.7	Cloud cover
70	250.9	9.3	Coniferous plantation (area)
76	62.3	2.3	Undiff. broadleaved (area)
79	68.6	2.5	Undiff. mixed woodland (area)
82	3.0	0.1	Undiff. low scrub
83	52.5	1.9	Recent ploughing for forestry
84	19.1	0.7	Recently felled forestry
85	42.3	1.6	Open canopy (young plantation)
90	292.1	10.8	Imp. pasture: no rock, no farms, no trees
91	21.9	0.8	Imp. pasture: no rock, no farms, trees
92	0.7	N.S	Imp. pasture: no rock, farms, no trees
93	1.7	0.1	Imp. pasture: no rock, farms, trees
100	344.4	12.7	Arable: no rock, no farms, no trees
101	0.5	N.S	Arable: no rock, no farms, trees
102	1.2	N.S	Arable: no rock, farms, no trees
110	4.1	0.2	Dry heather moor: no rock, no burning, no trees
111	0.1	N.S	Dry heather moor: no rock, no burning, trees
112	2.0	0.1	Dry heather moor: no rock, burning, no trees
113	0.1	N.S	Dry heather moor: no rock, burning, trees
114	19.0	0.7	Dry heather moor: rock, no burning, no trees
115	0.1	N.S	Dry heather moor: rock, no burning, trees
116	0.8	N.S	Dry heather moor: rock, burning, no trees
120	4.1	0.2	Wet heather moor: no rock, no burning, no trees
130	12.6	0.5	Undiff. heather moor: no rock, no burning, no trees
132	17.6	0.7	Undiff. heather moor: no rock, burning, no trees
134	30.6	1.1	Undiff. heather moor: rock, no burning, no trees
135	0.4	N.S	Undiff. heather moor: rock, no burning, trees
140	63.0	2.3	Undiff. Nardus/Molinia: no rock, no trees
141	1.7	0.1	Undiff. Nardus/Molinia: no rock, trees
142	8.6	0.3	Undiff. Nardus/Molinia: rock, no trees
143	0.2	N.S	Undiff. Nardus/Molinia: rock, trees
150	22.5	0.8	Smooth grass/rushes: no rock, no trees
151	2.0	0.1	Smooth grass/rushes: no rock, trees
155	2.5	0.1	Smooth grass/low scrub: no rock, no trees
156	3.1	0.1	Smooth grass/low scrub: no rock, trees
157	0.6	N.S	Smooth grass/low scrub: rock, no trees
160	28.0	1.0	Undiff. smooth grass.: no rock, no trees
161	9.5	0.4	Undiff. smooth grass.: no rock, trees
162	8.3	0.3	Undiff. smooth grass.: rock, no trees
163	1.3	N.S	Undiff. smooth grass.: rock, trees
170	4.0	0.1	Undiff. bracken: no rock, no trees
171	2.0	0.1	Undiff. bracken: no rock, trees
172	0.4	N.S	Undiff. bracken: rock, no trees
173	0.2	N.S	Undiff. bracken: rock, trees
180	39.7	1.5	Blanket bog/peat. veg.: erosion, no trees
182	42.6	1.6	Blanket bog/peat. veg.: no erosion, no trees
183	6.9	0.3	Blanket bog/peat. veg.: no erosion, trees

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Table 3.0.3 Total audit of land cover features in Central Region in which all mosaics are separately identified (continued).

code	area	%	description	
185	5.3	0.2	Blanket bog/peat. veg.: industrial peat workings	
190	2.6	0.1	Undiff. salt marsh: no trees	
200	0.4	N.S	Wetlands: no drains, no trees	
201	0.3	N.S	Wetlands: drains, no trees	
202	0.7	N.S	Wetlands: no drains, trees	
203	0.1	N.S	Wetlands: drains, trees	
222	43.8	1.6	Undiff. montane veg.: rock	
223	5.1	0.2	Undiff. montane veg.: no rock	
code	area	%	primary feature	secondary feature
301	1.1	N.S	Undiff. smooth grass.: rock, no trees	Dry heather moor: rock, no burning, no trees
316	0.9	N.S	Dry heather moor: rock, no burning, no trees	Undiff. bracken: rock, no trees
317	0.6	N.S	Undiff. smooth grass.: rock, no trees	Undiff. heather moor: rock, no burning, no trees
326	0.1	N.S	Dry heather moor: rock, no burning, no trees	Undiff. smooth grass.: rock, no trees
328	2.5	0.1	Imp. pasture: no rock, no farms, no trees	Undiff. Nardus/Molinia: no rock, no trees
353	58.7	2.2	Imp. pasture: no rock, no farms, no trees	Smooth grass/rushes: no rock, no trees
355	4.1	0.2	Blanket bog/peat. veg.: no erosion, no trees	Smooth grass/rushes: no rock, no trees
356	44.4	1.6	Undiff. smooth grass.: no rock, no trees	Smooth grass/rushes: no rock, no trees
358	1.0	N.S	Blanket bog/peat. veg.: no erosion, no trees	Wet heather moor: no rock, no burning, no trees
360	40.3	1.5	Undiff. heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
361	0.7	N.S	Wet heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
362	1.3	N.S	Undiff. heather moor: no rock, no burning, no trees	Undiff. bracken: no rock, no trees
364	0.2	N.S	Wet heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
365	1.9	0.1	Undiff. bracken: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
366	0.9	N.S	Undiff. heather moor: rock, no burning, no trees	Undiff. bracken: rock, no trees
374	83.9	3.1	Undiff. heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
382	11.9	0.4	Blanket bog/peat. veg.: no erosion, no trees	Undiff. heather moor: no rock, no burning, no trees
384	2.4	0.1	Blanket bog/peat. veg.: no erosion, no trees	Undiff. heather moor: rock, no burning, no trees
385	1.1	N.S	Undiff. heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
387	0.3	N.S	Smooth grass/low scrub: no rock, no trees	Smooth grass/rushes: no rock, no trees
389	3.8	0.1	Dry heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
390	1.1	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. smooth grass.: no rock, no trees
393	0.4	N.S	Recently felled forestry	Coniferous plantation (area)
395	0.2	N.S	Smooth grass/rushes: no rock, no trees	Smooth grass/low scrub: no rock, no trees
396	4.0	0.1	Undiff. heather moor: rock, no burning, no trees	Undiff. smooth grass.: rock, no trees
399	1.0	N.S	Smooth grass/rushes: no rock, no trees	Imp. pasture: no rock, no farms, no trees
400	2.0	0.1	Undiff. smooth grass.: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
401	12.2	0.4	Undiff. smooth grass.: rock, no trees	Undiff. bracken: rock, no trees
402	1.2	N.S	Smooth grass/rushes: no rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
406	0.5	N.S	Smooth grass/rushes: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
409	0.5	N.S	Imp. pasture: no rock, no farms, no trees	Smooth grass/low scrub: no rock, no trees
410	0.2	N.S	Undiff. smooth grass.: no rock, no trees	Imp. pasture: no rock, no farms, no trees
413	0.4	N.S	Smooth grass/rushes: no rock, trees	Smooth grass/low scrub: no rock, trees
414	84.3	3.1	Undiff. Nardus/Molinia: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
415	61.6	2.3	Undiff. smooth grass.: no rock, no trees	Undiff. bracken: no rock, no trees
416	16.3	0.6	Undiff. Nardus/Molinia: no rock, no trees	Smooth grass/rushes: no rock, no trees
418	1.0	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. bracken: no rock, no trees
419	0.2	N.S	Undiff. smooth grass.: rock, trees	Undiff. bracken: no rock, no trees
420	3.4	0.1	Dry heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
421	9.1	0.3	Undiff. smooth grass.: no rock, no trees	Undiff. Nardus/Molinia: no rock, no trees

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Table 3.0.3 Total audit of land cover features in Central Region in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
425	1.2	N.S	Undiff. smooth grass.: no rock, trees	Undiff. bracken: no rock, no trees
426	0.3	N.S	Smooth grass/rushes: no rock, no trees	Undiff. smooth grass.: no rock, no trees
428	0.3	N.S	Undiff. Nardus/Molinia: rock, no trees	Dry heather moor: rock, no burning, no trees
429	4.0	0.1	Undiff. Nardus/Molinia: rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
434	8.7	0.3	Undiff. smooth grass.: no rock, trees	Undiff. bracken: no rock, trees
436	3.8	0.1	Undiff. Nardus/Molinia: no rock, no trees	Blanket bog/peat. veg.: erosion, no trees
437	0.1	N.S	Undiff. heather moor: no rock, no burning, no trees	Smooth grass/rushes: no rock, no trees
438	6.0	0.2	Undiff. heather moor: no rock, burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
439	2.2	0.1	Undiff. smooth grass.: rock, no trees	Undiff. bracken: no rock, no trees
440	0.9	N.S	Smooth grass/low scrub: no rock, no trees	Undiff. bracken: no rock, no trees
441	0.6	N.S	Smooth grass/low scrub: no rock, trees	Undiff. bracken: no rock, no trees
442	47.2	1.7	Undiff. heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
443	0.5	N.S	Undiff. heather moor: no rock, burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
444	9.2	0.3	Undiff. Nardus/Molinia: no rock, no trees	Undiff. smooth grass.: no rock, no trees
447	0.2	N.S	Blanket bog/peat. veg.: erosion, no trees	Undiff. Nardus/Molinia: rock, no trees
448	43.8	1.6	Undiff. heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: rock, no trees
449	29.9	1.1	Blanket bog/peat. veg.: no erosion, no trees	Undiff. Nardus/Molinia: no rock, no trees
450	1.7	0.1	Undiff. smooth grass.: rock, no trees	Smooth grass/rushes: no rock, no trees
454	0.1	N.S	Open canopy (young plantation)	Coniferous plantation (area)
457	1.9	0.1	Undiff. smooth grass.: rock, trees	Undiff. bracken: rock, trees
458	0.3	N.S	Undiff. smooth grass.: no rock, trees	Smooth grass/rushes: no rock, trees
460	2.2	0.1	Dry heather moor: no rock, no burning, no trees	Undiff. bracken: no rock, no trees
467	1.3	N.S	Dry heather moor: no rock, burning, no trees	Smooth grass/rushes: no rock, no trees
474	1.5	0.1	Blanket bog/peat. veg.: erosion, no trees	Undiff. Nardus/Molinia: no rock, no trees
475	0.7	N.S	Dry heather moor: no rock, no burning, no trees	Smooth grass/rushes: no rock, no trees
476	1.1	N.S	Dry heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
477	27.1	1.0	Undiff. heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: erosion, no trees
485	3.5	0.1	Undiff. Nardus/Molinia: no rock, no trees	Wet heather moor: no rock, no burning, no trees
486	2.4	0.1	Dry heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
493	0.2	N.S	Undiff. smooth grass.: no rock, no trees	Smooth grass/low scrub: no rock, no trees
494	12.1	0.4	Undiff. Nardus/Molinia: rock, no trees	Undiff. heather moor: rock, no burning, no trees
495	0.3	N.S	Blanket bog/peat. veg.: no erosion, no trees	Undiff. smooth grass.: rock, no trees
509	0.1	N.S	Coniferous plantation (area)	Recently felled forestry
521	0.6	N.S	Wet heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
524	0.6	N.S	Smooth grass/rushes: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
528	3.2	0.1	Undiff. smooth grass.: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
530	0.9	N.S	Undiff. smooth grass.: rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
533	0.4	N.S	Smooth grass/low scrub: no rock, trees	Undiff. bracken: no rock, trees
534	0.2	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. low scrub
537	0.2	N.S	Undiff. mixed woodland (area)	Undiff. low scrub
549	N.S	N.S	Undiff. broadleaved (area)	Undiff. low scrub
552	1.2	N.S	Dry heather moor: no rock, burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
553	3.1	0.1	Undiff. Nardus/Molinia: rock, no trees	Undiff. bracken: rock, no trees
557	2.1	0.1	Undiff. bracken: rock, no trees	Undiff. smooth grass.: rock, no trees
558	2.2	0.1	Undiff. bracken: no rock, no trees	Smooth grass/rushes: no rock, no trees
559	1.8	0.1	Undiff. bracken: no rock, trees	Smooth grass/rushes: no rock, trees
560	1.7	0.1	Undiff. bracken: rock, no trees	Undiff. Nardus/Molinia: rock, no trees
561	3.2	0.1	Undiff. bracken: no rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
564	31.8	1.2	Undiff. Nardus/Molinia: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
565	0.6	N.S	Blanket bog/peat. veg.: erosion, no trees	Wet heather moor: no rock, no burning, no trees

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Table 3.0.3 Total audit of land cover features in Central Region in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
568	2.6	0.1	Dry heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: rock, no trees
571	0.5	N.S	Undiff. smooth grass.: rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
580	23.5	0.9	Undiff. heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: erosion, no trees
586	2.1	0.1	Smooth grass/rushes: no rock, no trees	Undiff. bracken: no rock, no trees
588	2.5	0.1	Undiff. bracken: rock, trees	Undiff. smooth grass.: rock, trees
592	9.2	0.3	Undiff. Nardus/Molinia: no rock, no trees	Undiff. bracken: no rock, no trees
593	1.8	0.1	Undiff. bracken: no rock, no trees	Undiff. smooth grass.: no rock, no trees
594	0.9	N.S	Golf course	Undiff. mixed woodland (line)
599	1.6	0.1	Blanket bog/peat. veg.: erosion, no trees	Undiff. montane veg.: rock
602	0.9	N.S	Blanket bog/peat. veg.: erosion, no trees	Undiff. montane veg.: no rock
603	10.7	0.4	Undiff. montane veg.: no rock	Blanket bog/peat. veg.: erosion, no trees
607	38.1	1.4	Undiff. montane veg.: rock	Blanket bog/peat. veg.: erosion, no trees
608	32.6	1.2	Undiff. montane veg.: rock	Blanket bog/peat. veg.: no erosion, no trees
610	0.9	N.S	Golf course	Undiff. mixed woodland (point)
613	0.3	N.S	Golf course	Coniferous plantation (area)
620	20.5	0.8	Undiff. montane veg.: no rock	Blanket bog/peat. veg.: no erosion, no trees
631	0.8	N.S	Undiff. smooth grass.: no rock, no trees	Dry heather moor: no rock, no burning, no trees
632	1.2	N.S	Undiff. heather moor: rock, no burning, no trees	Rock and cliffs (area)
634	4.0	0.1	Blanket bog/peat. veg.: erosion, no trees	Undiff. heather moor: rock, no burning, no trees
651	0.6	N.S	Undiff. smooth grass.: no rock, trees	Smooth grass/rushes: no rock, no trees
652	0.1	N.S	Imp. pasture: no rock, no farms, no trees	Smooth grass/low scrub: no rock, trees
659	0.2	N.S	Undiff. bracken: no rock, no trees	Dry heather moor: no rock, no burning, no trees
668	0.2	N.S	Undiff. Nardus/Molinia: no rock, no trees	Imp. pasture: no rock, no farms, no trees
672	0.5	N.S	Golf course	Undiff. broadleaved (line)
676	0.2	N.S	Undiff. broadleaved (area)	Smooth grass/rushes: no rock, no trees
678	0.9	N.S	Imp. pasture: no rock, no farms, trees	Smooth grass/rushes: no rock, no trees
684	0.3	N.S	Undiff. smooth grass.: rock, trees	Dry heather moor: rock, no burning, trees
685	0.4	N.S	Golf course	Undiff. broadleaved (area)
697	0.3	N.S	Smooth grass/rushes: no rock, no trees	Wetlands: no drains, no trees
736	2.3	0.1	Blanket bog/peat. veg.: erosion, no trees	Undiff. heather moor: no rock, no burning, no trees
740	0.3	N.S	Undiff. heather moor: rock, no burning, trees	Undiff. Nardus/Molinia: rock, trees
741	1.7	0.1	Undiff. heather moor: no rock, no burning, trees	Undiff. Nardus/Molinia: no rock, trees
755	0.1	N.S	Undiff. smooth grass.: rock, no trees	Dry heather moor: no rock, no burning, no trees
762	1.0	N.S	Undiff. Nardus/Molinia: no rock, no trees	Dry heather moor: no rock, no burning, no trees
770	0.2	N.S	Undiff. heather moor: rock, no burning, trees	Undiff. bracken: rock, trees
801	0.6	N.S	Smooth grass/low scrub: no rock, trees	Smooth grass/rushes: no rock, trees
843	2.2	0.1	Dry heather moor: rock, burning, no trees	Undiff. bracken: rock, no trees
844	0.3	N.S	Dry heather moor: no rock, burning, no trees	Undiff. bracken: no rock, no trees
845	0.7	N.S	Dry heather moor: rock, no burning, no trees	Undiff. bracken: no rock, no trees
860	0.2	N.S	Undiff. heather moor: no rock, burning, no trees	Blanket bog/peat. veg.: erosion, no trees
873	5.1	0.2	Undiff. montane veg.: rock	Undiff. heather moor: rock, no burning, no trees
889	0.4	N.S	Blanket bog/peat. veg.: no erosion, no trees	Wetlands: no drains, no trees
890	0.8	N.S	Undiff. montane veg.: no rock	Undiff. heather moor: no rock, no burning, no trees
910	0.5	N.S	Undiff. montane veg.: no rock	Undiff. Nardus/Molinia: no rock, no trees
912	8.1	0.3	Undiff. heather moor: rock, no burning, no trees	Undiff. montane veg.: rock
917	0.1	N.S	Undiff. Nardus/Molinia: no rock, no trees	Undiff. montane veg.: no rock
925	0.8	N.S	Undiff. Nardus/Molinia: no rock, trees	Undiff. heather moor: no rock, no burning, trees
940	0.2	N.S	Undiff. heather moor: rock, no burning, trees	Rock and cliffs (area)
947	0.1	N.S	Undiff. bracken: rock, trees	Undiff. heather moor: rock, no burning, trees
956	0.3	N.S	Dry heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees

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Table 3.0.3 Total audit of land cover features in Central Region in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
983	0.4	N.S	Dry heather moor: no rock, no burning, trees	Undiff. bracken: no rock, no trees
984	0.1	N.S	Undiff. Nardus/Molinia: rock, trees	Undiff. bracken: no rock, no trees
985	0.7	N.S	Undiff. montane veg.: rock	Rock and cliffs (area)
994	1.4	0.1	Dry heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: erosion, no trees
1000	1.1	N.S	Undiff. Nardus/Molinia: rock, no trees	Undiff. bracken: no rock, no trees
1001	0.1	N.S	Undiff. smooth grass.: rock, trees	Undiff. bracken: no rock, trees
1028	0.5	N.S	Undiff. bracken: no rock, trees	Undiff. smooth grass.: no rock, trees
1033	5.1	0.2	Undiff. Nardus/Molinia: rock, no trees	Wet heather moor: no rock, no burning, no trees
1049	0.2	N.S	Smooth grass/low scrub: no rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
1065	0.8	N.S	Blanket bog/peat. veg.: no erosion, no trees	Undiff. bracken: no rock, no trees
1160	0.2	N.S	Blanket bog/peat. veg.: industrial peat workings	Blanket bog/peat. veg.: no erosion, trees
1179	0.4	N.S	Undiff. smooth grass.: rock, trees	Undiff. heather moor: no rock, no burning, no trees
1214	N.S	N.S	Undiff. broadleaved (area)	Smooth grass/low scrub: no rock, no trees
1232	0.3	N.S	Undiff. montane veg.: rock	Undiff. smooth grass.: rock, no trees
1262	0.1	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. Nardus/Molinia: no rock, trees
1280	1.8	0.1	Undiff. bracken: no rock, trees	Undiff. heather moor: no rock, no burning, trees
1294	0.2	N.S	Undiff. heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, trees
1323	1.0	N.S	Undiff. bracken: no rock, trees	Smooth grass/rushes: no rock, no trees
1342	0.1	N.S	Undiff. broadleaved (area)	Recently felled forestry
1357	0.9	N.S	Undiff. heather moor: no rock, no burning, trees	Undiff. bracken: no rock, trees
1359	0.5	N.S	Undiff. Nardus/Molinia: rock, trees	Undiff. heather moor: rock, no burning, trees
1361	0.2	N.S	Undiff. Nardus/Molinia: rock, no trees	Undiff. montane veg.: rock
1365	0.1	N.S	Undiff. Nardus/Molinia: rock, no trees	Undiff. heather moor: rock, no burning, trees
1366	0.7	N.S	Smooth grass/rushes: no rock, trees	Undiff. bracken: no rock, trees
1368	4.2	0.2	Undiff. bracken: no rock, trees	Undiff. Nardus/Molinia: no rock, trees
1371	0.5	N.S	Undiff. smooth grass.: no rock, no trees	Undiff. montane veg.: no rock
1374	2.1	0.1	Undiff. Nardus/Molinia: no rock, trees	Undiff. bracken: no rock, trees
1377	0.3	N.S	Wetlands: no drains, trees	Smooth grass/rushes: no rock, trees
1378	N.S	N.S	Smooth grass/rushes: no rock, trees	Imp. pasture: no rock, no farms, no trees
1380	3.0	0.1	Dry heather moor: rock, no burning, trees	Undiff. bracken: no rock, trees
1381	0.6	N.S	Undiff. heather moor: no rock, burning, no trees	Undiff. smooth grass.: rock, no trees
1382	0.1	N.S	Undiff. smooth grass.: rock, no trees	Undiff. bracken: no rock, trees
TOTAL	2703.2	100.0		

Cover types		single feature	
		area	%
Open countryside			
A	Arable	61.9	38.3
B	Improved grassland	6.8	4.2
C	Good rough grassland	13.3	8.2
D	Poor rough grassland	18.7	11.6
E	Bracken	0	0
F	Heather moorland	0.1	N.S
G	Peatland	7.3	4.5
H	Montane	0	0
I	Rock and cliffs	0	0
Woodland			
J	Felled woodland	0.2	0.1
K	Recent planting	0.8	0.5
L	Coniferous plantation	7.5	4.7
M	Semi-natural coniferous	0	0
N	Mixed woodland	6.8	4.2
O	Broadleaved	3.4	2.1
P	Scrub	0	0
Wet ground			
Q	Fresh waters	0.6	0.4
R	Marshes	0.1	0.1
S	Saltmarshes	0.8	0.5
T	Dunes	0	0
U	Tidal waters	0.4	0.2
Developed			
V	Rural development	4.6	2.8
W	Urban	13.3	8.2
Other			
X	Missing photography/obscured land	0	0
SUBTOTAL		146.5	90.7
Y	Mosaics of types above	15.0	9.3
DISTRICT TOTAL		161.5	100.0

features in mosaics	
primary	secondary
0	0
0.3	0
2.8	1.0
11.2	0
0	2.6
0	0
0	10.6
0	0
0	0
0	0
0	0.5
0	0
0	0
0	0
0	0
0	0
0.7	0
0	0
0	0
15.0	15.0

Nationally significant mosaics			area	%
FG	Heather moorland	Peatland	0	0
DF	Poor rough grassland	Heather moorland	0	0
CF	Good rough grassland	Heather moorland	0	0
GH	Peatland	Montane	0	0
CD	Good rough grassland	Poor rough grassland	0.6	0.4
BC	Improved grassland	Good rough grassland	0.3	0.2
CE	Good rough grassland	Bracken	2.6	1.6
DG	Poor rough grassland	Peatland	10.6	6.6
FH	Heather moorland	Montane	0	0
SUBTOTAL			14.1	8.7
Locally significant mosaics			area	%
OV	Broadleaved	Rural development	0.5	0.3
LV	Coniferous plantation	Rural development	0.3	0.2
SUBTOTAL			0.7	0.4
Remaining mosaics			0.2	0.1
MOSAICS OF SUMMARY COVER TYPES			15.0	9.3

Table 3.1.1

Clackmannan District

Land cover summary categories

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not match the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05. Please refer to Figure 6.2 for guidance in the interpretation of this table.

Table 3.1.2 Total audit of land cover features in Clackmannan District in which all mosaics are allocated according to primary or secondary feature.

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05 sq km. Please refer to Figure 6.3 for guidance in the interpretation of this table.

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
3	2.1	0	0	Factory
5	1.5	0.7	0	Golf course
7	N.S	0	0	Recreational land
12	0.6	0	0	Quarries and opencast (area)
14	0.1	0	0	Bings and refuse tips (area)
18	0.6	0	0	Water (area)
20	13.3	0	0	Built-up (area)
22	0.3	0	0	Transport features, rail
24	0.4	0	0	Estuary
70	7.5	0	0.3	Coniferous plantation (area)
76	3.4	0	0	Undiff. broadleaved (area)
77	0	0	0.5	Undiff. broadleaved (line)
79	6.8	0	0	Undiff. mixed woodland (area)
83	0.8	0	0	Recent ploughing for forestry
84	0.2	0	0	Recently felled forestry
90	6.0	0.3	0	Imp. pasture: no rock, no farms, no trees
91	0.9	0	0	Imp. pasture: no rock, no farms, trees
100	61.6	0	0	Arable: no rock, no farms, no trees
101	0.3	0	0	Arable: no rock, no farms, trees
110	0.1	0	0	Dry heather moor: no rock, no burning, no trees
140	18.2	11.2	0	Undiff. Nardus/Molinia: no rock, no trees
142	0.5	0	0	Undiff. Nardus/Molinia: rock, no trees
150	0.7	0	1.0	Smooth grass/rushes: no rock, no trees
151	0.1	0	0	Smooth grass/rushes: no rock, trees
155	0.4	0.3	0	Smooth grass/low scrub: no rock, no trees
156	0.3	0.1	0	Smooth grass/low scrub: no rock, trees
157	0.1	0	0	Smooth grass/low scrub: rock, no trees
160	8.9	2.0	0	Undiff. smooth grass.: no rock, no trees
161	0.7	0	0	Undiff. smooth grass.: no rock, trees
162	2.1	0.4	0	Undiff. smooth grass.: rock, no trees
170	0	0	2.3	Undiff. bracken: no rock, no trees
172	0	0	0.3	Undiff. bracken: rock, no trees
180	3.9	0	0.2	Blanket bog/peat. veg.: erosion, no trees
182	3.1	0	10.4	Blanket bog/peat. veg.: no erosion, no trees
183	0.4	0	0	Blanket bog/peat. veg.: no erosion, trees
190	0.8	0	0	Undiff. salt marsh: no trees
200	0.1	0	0	Wetlands: no drains, no trees
202	N.S	0	0	Wetlands: no drains, trees
TOTAL	146.5	15.0	15.0	

Table 3.1.3 Total audit of land cover features in Clackmannan District in which all mosaics are separately identified.

All areas are expressed in square kilometres to 1 decimal place; all percentages are expressed as % of the total area; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05

code	area	%	description	
3	2.1	1.3	Factory	
5	1.5	0.9	Golf course	
7	N.S	N.S	Recreational land	
12	0.6	0.4	Quarries and opencast (area)	
14	0.1	0.1	Bings and refuse tips (area)	
18	0.6	0.4	Water (area)	
20	13.3	8.2	Built-up (area)	
22	0.3	0.2	Transport features, rail	
24	0.4	0.2	Estuary	
70	7.5	4.7	Coniferous plantation (area)	
76	3.4	2.1	Undiff. broadleaved (area)	
79	6.8	4.2	Undiff. mixed woodland (area)	
83	0.8	0.5	Recent ploughing for forestry	
84	0.2	0.1	Recently felled forestry	
90	6.0	3.7	Imp. pasture: no rock, no farms, no trees	
91	0.9	0.5	Imp. pasture: no rock, no farms, trees	
100	61.6	38.2	Arable: no rock, no farms, no trees	
101	0.3	0.2	Arable: no rock, no farms, trees	
110	0.1	N.S	Dry heather moor: no rock, no burning, no trees	
140	18.2	11.3	Undiff. Nardus/Molinia: no rock, no trees	
142	0.5	0.3	Undiff. Nardus/Molinia: rock, no trees	
150	0.7	0.4	Smooth grass/rushes: no rock, no trees	
151	0.1	N.S	Smooth grass/rushes: no rock, trees	
155	0.4	0.2	Smooth grass/low scrub: no rock, no trees	
156	0.3	0.2	Smooth grass/low scrub: no rock, trees	
157	0.1	0.1	Smooth grass/low scrub: rock, no trees	
160	8.9	5.5	Undiff. smooth grass.: no rock, no trees	
161	0.7	0.4	Undiff. smooth grass.: no rock, trees	
162	2.1	1.3	Undiff. smooth grass.: rock, no trees	
180	3.9	2.4	Blanket bog/peat. veg.: erosion, no trees	
182	3.1	1.9	Blanket bog/peat. veg.: no erosion, no trees	
183	0.4	0.2	Blanket bog/peat. veg.: no erosion, trees	
190	0.8	0.5	Undiff. salt marsh: no trees	
200	0.1	0.1	Wetlands: no drains, no trees	
202	N.S	N.S	Wetlands: no drains, trees	
code	area	%	primary feature	secondary feature
353	0.3	0.2	Imp. pasture: no rock, no farms, no trees	Smooth grass/rushes: no rock, no trees
356	0.2	0.1	Undiff. smooth grass.: no rock, no trees	Smooth grass/rushes: no rock, no trees
401	0.3	0.2	Undiff. smooth grass.: rock, no trees	Undiff. bracken: rock, no trees
414	10.4	6.5	Undiff. Nardus/Molinia: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
415	1.8	1.1	Undiff. smooth grass.: no rock, no trees	Undiff. bracken: no rock, no trees
416	0.6	0.4	Undiff. Nardus/Molinia: no rock, no trees	Smooth grass/rushes: no rock, no trees
436	0.2	0.1	Undiff. Nardus/Molinia: no rock, no trees	Blanket bog/peat. veg.: erosion, no trees
439	0.1	N.S	Undiff. smooth grass.: rock, no trees	Undiff. bracken: no rock, no trees
440	0.3	0.2	Smooth grass/low scrub: no rock, no trees	Undiff. bracken: no rock, no trees
441	0.1	0.1	Smooth grass/low scrub: no rock, trees	Undiff. bracken: no rock, no trees
613	0.3	0.2	Golf course	Coniferous plantation (area)
672	0.5	0.3	Golf course	Undiff. broadleaved (line)
TOTAL	161.5	100.0		

Cover types		single feature		features in mosaics	
		area	%	primary	secondary
Open countryside					
A	Arable	51.7	17.3	0	0
B	Improved grassland	128.0	42.8	5.7	0
C	Good rough grassland	8.9	3.0	1.4	6.5
D	Poor rough grassland	6.4	2.1	0.4	1.2
E	Bracken	0.1	N.S	0	0
F	Heather moorland	0.8	0.3	0.1	0
G	Peatland	8.2	2.7	0.2	0.2
H	Montane	0	0	0	0
I	Rock and cliffs	N.S	N.S	0	0
Woodland					
J	Felled woodland	1.3	0.4	0	0
K	Recent planting	2.4	0.8	0	0
L	Coniferous plantation	9.7	3.3	0	0
M	Semi-natural coniferous	0	0	0	0
N	Mixed woodland	8.5	2.9	0.2	1.4
O	Broadleaved	2.3	0.8	0	0
P	Scrub	2.0	0.7	0	0.2
Wet ground					
Q	Fresh waters	1.2	0.4	0	0
R	Marshes	0.4	0.1	0	0
S	Saltmarshes	1.3	0.4	0	0
T	Dunes	0	0	0	0
U	Tidal waters	0.6	0.2	0	0
Developed					
V	Rural development	17.9	6.0	1.4	0
W	Urban	38.0	12.7	0	0
Other					
X	Missing photography/obscured land	0	0	0	0
	SUBTOTAL	289.6	96.8		
Y	Mosaics of types above	9.5	3.2	9.5	9.5
	DISTRICT TOTAL	299.1	100.0		

Nationally significant mosaics			area	%
FG	Heather moorland	Peatland	0	0
DF	Poor rough grassland	Heather moorland	0	0
CF	Good rough grassland	Heather moorland	0.1	N.S
GH	Peatland	Montane	0	0
CD	Good rough grassland	Poor rough grassland	1.4	0.5
BC	Improved grassland	Good rough grassland	5.6	1.9
CE	Good rough grassland	Bracken	0	0
DG	Poor rough grassland	Peatland	0	0
FH	Heather moorland	Montane	0	0
	SUBTOTAL		7.1	2.4
Locally significant mosaics			area	%
NV	Mixed woodland	Rural development	1.4	0.5
NP	Mixed woodland	Scrub	0.2	0.1
BD	Improved grassland	Poor rough grassland	0.2	0.1
	SUBTOTAL		1.8	0.6
Remaining mosaics			0.6	0.2
MOSAICS OF SUMMARY COVER TYPES			9.5	3.2

Table 3.2.1
Falkirk District
Land cover summary
categories

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not match the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05. Please refer to Figure 6.2 for guidance in the interpretation of this table.

Table 3.2.2 Total audit of land cover features in Falkirk District in which all mosaics are allocated according to primary or secondary feature.

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05 sq km. Please refer to Figure 6.3 for guidance in the interpretation of this table.

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
3	9.5	0	0	Factory
5	1.8	1.4	0	Golf course
6	0.2	0	0	Cemeteries
7	N.S	0	0	Recreational land
10	N.S	0	0	Rock and cliffs (area)
12	4.1	0	0	Quarries and opencast (area)
14	0.7	0	0	Bings and refuse tips (area)
18	1.2	0	0	Water (area)
20	38.0	0	0	Built-up (area)
21	1.6	0	0	Transport features, road
22	N.S	0	0	Transport features, rail
24	0.6	0	0	Estuary
70	9.7	0	0	Coniferous plantation (area)
76	2.3	0	0	Undiff. broadleaved (area)
79	8.5	0.2	0	Undiff. mixed woodland (area)
80	0	0	0.9	Undiff. mixed woodland (line)
81	0	0	0.5	Undiff. mixed woodland (point)
82	2.0	0	0.2	Undiff. low scrub
83	0.3	0	0	Recent ploughing for forestry
84	1.3	0	0	Recently felled forestry
85	2.2	0	0	Open canopy (young plantation)
90	120.8	5.1	0	Imp. pasture: no rock, no farms, no trees
91	5.6	0.6	0	Imp. pasture: no rock, no farms, trees
92	0.2	0	0	Imp. pasture: no rock, farms, no trees
93	1.4	0	0	Imp. pasture: no rock, farms, trees
100	50.6	0	0	Arable: no rock, no farms, no trees
102	1.2	0	0	Arable: no rock, farms, no trees
110	0	0.1	0	Dry heather moor: no rock, no burning, no trees
120	0.3	0	0	Wet heather moor: no rock, no burning, no trees
130	0.5	0	0	Undiff. heather moor: no rock, no burning, no trees
140	6.0	0.4	1.2	Undiff. Nardus/Molinia: no rock, no trees
141	0.4	0	0	Undiff. Nardus/Molinia: no rock, trees
150	2.7	0	5.5	Smooth grass/rushes: no rock, no trees
151	0.7	0	0	Smooth grass/rushes: no rock, trees
155	0.6	0	0.5	Smooth grass/low scrub: no rock, no trees
156	1.2	0	0	Smooth grass/low scrub: no rock, trees
157	0.3	0	0	Smooth grass/low scrub: rock, no trees
160	1.0	0.5	0.5	Undiff. smooth grass.: no rock, no trees
161	2.1	0.1	0	Undiff. smooth grass.: no rock, trees
162	0.3	0.9	0	Undiff. smooth grass.: rock, no trees
170	0.1	0	0	Undiff. bracken: no rock, no trees
182	2.8	0	0	Blanket bog/peat. veg.: no erosion, no trees
183	0.8	0	0.2	Blanket bog/peat. veg.: no erosion, trees
185	4.6	0.2	0	Blanket bog/peat. veg.: industrial peat workings

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Table 3.2.2 Total audit of land cover features in Falkirk District in which all mosaics are allocated according to primary or secondary feature (continued).

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
190	1.3	0	0	Undiff. salt marsh: no trees
200	0.1	0	0	Wetlands: no drains, no trees
201	0.2	0	0	Wetlands: drains, no trees
203	0.1	0	0	Wetlands: drains, trees
TOTAL	289.6	9.5	9.5	

Table 3.2.3 Total audit of land cover features in Falkirk District in which all mosaics are separately identified.

All areas are expressed in square kilometres to 1 decimal place; all percentages are expressed as % of the total area; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05

code	area	%	description
3	9.5	3.2	Factory
5	1.8	0.6	Golf course
6	0.2	0.1	Cemeteries
7	N.S	N.S	Recreational land
10	N.S	N.S	Rock and cliffs (area)
12	4.1	1.4	Quarries and opencast (area)
14	0.7	0.2	Bings and refuse tips (area)
18	1.2	0.4	Water (area)
20	38.0	12.7	Built-up (area)
21	1.6	0.5	Transport features, road
22	N.S	N.S	Transport features, rail
24	0.6	0.2	Estuary
70	9.7	3.3	Coniferous plantation (area)
76	2.3	0.8	Undiff. broadleaved (area)
79	8.5	2.9	Undiff. mixed woodland (area)
82	2.0	0.7	Undiff. low scrub
83	0.3	0.1	Recent ploughing for forestry
84	1.3	0.4	Recently felled forestry
85	2.2	0.7	Open canopy (young plantation)
90	120.8	40.4	Imp. pasture: no rock, no farms, no trees
91	5.6	1.9	Imp. pasture: no rock, no farms, trees
92	0.2	0.1	Imp. pasture: no rock, farms, no trees
93	1.4	0.5	Imp. pasture: no rock, farms, trees
100	50.6	16.9	Arable: no rock, no farms, no trees
102	1.2	0.4	Arable: no rock, farms, no trees
120	0.3	0.1	Wet heather moor: no rock, no burning, no trees
130	0.5	0.2	Undiff. heather moor: no rock, no burning, no trees
140	6.0	2.0	Undiff. Nardus/Molinia: no rock, no trees
141	0.4	0.1	Undiff. Nardus/Molinia: no rock, trees
150	2.7	0.9	Smooth grass/rushes: no rock, no trees
151	0.7	0.2	Smooth grass/rushes: no rock, trees
155	0.6	0.2	Smooth grass/low scrub: no rock, no trees
156	1.2	0.4	Smooth grass/low scrub: no rock, trees

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Table 3.2.3 Total audit of land cover features in Falkirk District in which all mosaics are separately identified (continued).

code	area	%	primary feature	
157	0.3	0.1	Smooth grass/low scrub: rock, no trees	
160	1.0	0.3	Undiff. smooth grass.: no rock, no trees	
161	2.1	0.7	Undiff. smooth grass.: no rock, trees	
162	0.3	0.1	Undiff. smooth grass.: rock, no trees	
170	0.1	N.S	Undiff. bracken: no rock, no trees	
182	2.8	0.9	Blanket bog/peat. veg.: no erosion, no trees	
183	0.8	0.3	Blanket bog/peat. veg.: no erosion, trees	
185	4.6	1.5	Blanket bog/peat. veg.: industrial peat workings	
190	1.3	0.4	Undiff. salt marsh: no trees	
200	0.1	N.S	Wetlands: no drains, no trees	
201	0.2	0.1	Wetlands: drains, no trees	
203	0.1	N.S	Wetlands: drains, trees	
code	area	%	primary feature	secondary feature
328	0.2	0.1	Imp. pasture: no rock, no farms, no trees	Undiff. Nardus/Molinia: no rock, no trees
353	4.5	1.5	Imp. pasture: no rock, no farms, no trees	Smooth grass/rushes: no rock, no trees
356	0.3	0.1	Undiff. smooth grass.: no rock, no trees	Smooth grass/rushes: no rock, no trees
389	0.1	N.S	Dry heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
409	0.5	0.2	Imp. pasture: no rock, no farms, no trees	Smooth grass/low scrub: no rock, no trees
421	0.1	N.S	Undiff. smooth grass.: no rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
444	0.4	0.1	Undiff. Nardus/Molinia: no rock, no trees	Undiff. smooth grass.: no rock, no trees
530	0.9	0.3	Undiff. smooth grass.: rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
537	0.2	0.1	Undiff. mixed woodland (area)	Undiff. low scrub
594	0.9	0.3	Golf course	Undiff. mixed woodland (line)
610	0.5	0.2	Golf course	Undiff. mixed woodland (point)
651	0.1	N.S	Undiff. smooth grass.: no rock, trees	Smooth grass/rushes: no rock, no trees
678	0.6	0.2	Imp. pasture: no rock, no farms, trees	Smooth grass/rushes: no rock, no trees
1160	0.2	0.1	Blanket bog/peat. veg.: industrial peat workings	Blanket bog/peat. veg.: no erosion, trees
TOTAL	299.1	100.0		

Cover types		single feature		features in mosaics	
		area	%	primary	secondary
Open countryside					
A	Arable	232.4	10.4	0	0
B	Improved grassland	181.7	8.1	59.1	1.5
C	Good rough grassland	55.6	2.5	161.1	157.6
D	Poor rough grassland	48.4	2.2	177.4	153.4
E	Bracken	6.5	0.3	25.1	120.7
F	Heather moorland	90.8	4.1	322.6	93.1
G	Peatland	78.9	3.5	62.1	376.6
H	Montane	48.9	2.2	109.4	11.5
I	Rock and cliffs	0.7	N.S	0	2.1
Woodland					
J	Felled woodland	17.6	0.8	0.4	0.2
K	Recent planting	91.7	4.1	0.1	0
L	Coniferous plantation	233.6	10.4	0.1	0.5
M	Semi-natural coniferous	0	0	0	0
N	Mixed woodland	53.3	2.4	0	0.4
O	Broadleaved	56.7	2.5	0.4	0.4
P	Scrub	0.9	N.S	0	0.2
Wet ground					
Q	Fresh waters	67.3	3.0	0	0
R	Marshes	0.9	N.S	0.3	0.7
S	Saltmarshes	0.6	N.S	0	0
T	Dunes	0	0	0	0
U	Tidal waters	1.6	0.1	0	0
Developed					
V	Rural development	9.2	0.4	0.8	0
W	Urban	27.9	1.2	0	0
Other					
X	Missing photography/obscured land	18.5	0.8	0	0
SUBTOTAL		1323.8	59.0		
Y	Mosaics of types above	918.8	41.0	918.8	918.8
DISTRICT TOTAL		2242.6	100.0		

Nationally significant mosaics			area	%
FG	Heather moorland	Peatland	211.0	9.4
DF	Poor rough grassland	Heather moorland	154.5	6.9
CF	Good rough grassland	Heather moorland	17.8	0.8
GH		Peatland	104.5	4.7
OD	Good rough grassland	Poor rough grassland	34.9	1.6
BC	Improved grassland	Good rough grassland	56.7	2.5
CE	Good rough grassland	Bracken	102.2	4.6
DG	Poor rough grassland	Peatland	113.2	5.0
FH	Heather moorland	Montane	14.1	0.6
SUBTOTAL			809.0	36.1
Locally significant mosaics			area	%
DE	Poor rough grassland	Bracken	24.7	1.1
EF		Bracken	17.0	0.8
OG	Good rough grassland	Peatland	8.7	0.4
BD	Improved grassland	Poor rough grassland	2.7	0.1
FI	Heather moorland	Rock and cliffs	1.4	0.1
SUBTOTAL			54.4	2.4
Remaining mosaics			55.4	2.5
MOSAICS OF SUMMARY COVER TYPES			918.8	41.0

Table 3.3.1
**Stirling
District**
Land cover summary
categories

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not match the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05. Please refer to Figure 6.2 for guidance in the interpretation of this table.

Table 3.3.2 Total audit of land cover features in Stirling District in which all mosaics are allocated according to primary or secondary feature.

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05 sq km. Please refer to Figure 6.3 for guidance in the interpretation of this table.

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
3	1.7	0	0	Factory
5	2.4	0.8	0	Golf course
6	N.S	0	0	Cemeteries
7	1.2	0	0	Recreational land
10	0.7	0	2.1	Rock and cliffs (area)
12	2.8	0	0	Quarries and opencast (area)
14	0.1	0	0	Bings and refuse tips (area)
18	67.3	0	0	Water (area)
20	27.9	0	0	Built-up (area)
21	1.0	0	0	Transport features, road
24	1.6	0	0	Estuary
26	18.5	0	0	Cloud cover
70	233.6	0.1	0.5	Coniferous plantation (area)
76	56.7	0.4	0.4	Undiff. broadleaved (area)
79	53.3	0	0	Undiff. mixed woodland (area)
81	0	0	0.4	Undiff. mixed woodland (point)
82	0.9	0	0.2	Undiff. low scrub
83	51.5	0	0	Recent ploughing for forestry
84	17.6	0.4	0.2	Recently felled forestry
85	40.2	0.1	0	Open canopy (young plantation)
90	165.4	58.8	1.5	Imp. pasture: no rock, no farms, no trees
91	15.5	0.2	0	Imp. pasture: no rock, no farms, trees
92	0.6	0	0	Imp. pasture: no rock, farms, no trees
93	0.3	0	0	Imp. pasture: no rock, farms, trees
100	232.2	0	0	Arable: no rock, no farms, no trees
101	0.2	0	0	Arable: no rock, no farms, trees
110	4.0	10.1	2.2	Dry heather moor: no rock, no burning, no trees
111	0.1	0.4	0	Dry heather moor: no rock, no burning, trees
112	2.0	2.8	0	Dry heather moor: no rock, burning, no trees
113	0.1	0	0	Dry heather moor: no rock, burning, trees
114	19.0	9.5	1.4	Dry heather moor: rock, no burning, no trees
115	0.1	3.0	0.3	Dry heather moor: rock, no burning, trees
116	0.8	2.2	0	Dry heather moor: rock, burning, no trees
120	3.8	1.5	10.2	Wet heather moor: no rock, no burning, no trees
130	12.2	161.0	51.5	Undiff. heather moor: no rock, no burning, no trees
131	0	2.5	2.6	Undiff. heather moor: no rock, no burning, trees
132	17.6	7.2	0	Undiff. heather moor: no rock, burning, no trees
134	30.6	121.8	24.2	Undiff. heather moor: rock, no burning, no trees
135	0.4	0.6	0.8	Undiff. heather moor: rock, no burning, trees
140	38.8	147.8	98.9	Undiff. Nardus/Molinia: no rock, no trees
141	1.3	3.0	5.9	Undiff. Nardus/Molinia: no rock, trees
142	8.1	25.9	48.3	Undiff. Nardus/Molinia: rock, no trees
143	0.2	0.6	0.3	Undiff. Nardus/Molinia: rock, trees
150	19.1	6.2	126.0	Smooth grass/rushes: no rock, no trees

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Table 3.3.2 Total audit of land cover features in Stirling District in which all mosaics are allocated according to primary or secondary feature (continued).

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
151	1.3	1.1	3.0	Smooth grass/rushes: no rock, trees
155	1.5	1.1	0.4	Smooth grass/low scrub: no rock, no trees
156	1.5	1.6	0.5	Smooth grass/low scrub: no rock, trees
157	0.1	0	0	Smooth grass/low scrub: rock, no trees
160	18.2	119.5	17.0	Undiff. smooth grass.: no rock, no trees
161	6.8	10.8	0.7	Undiff. smooth grass.: no rock, trees
162	5.9	18.0	7.4	Undiff. smooth grass.: rock, no trees
163	1.3	2.8	2.5	Undiff. smooth grass.: rock, trees
170	3.9	9.4	83.6	Undiff. bracken: no rock, no trees
171	2.0	9.2	16.1	Undiff. bracken: no rock, trees
172	0.4	3.8	19.0	Undiff. bracken: rock, no trees
173	0.2	2.7	2.1	Undiff. bracken: rock, trees
180	35.8	11.2	104.6	Blanket bog/peat. veg.: erosion, no trees
182	36.7	50.9	272.0	Blanket bog/peat. veg.: no erosion, no trees
183	5.7	0	0	Blanket bog/peat. veg.: no erosion, trees
185	0.7	0	0	Blanket bog/peat. veg.: industrial peat workings
190	0.6	0	0	Undiff. salt marsh: no trees
200	0.2	0	0.7	Wetlands: no drains, no trees
201	0.1	0	0	Wetlands: drains, no trees
202	0.7	0.3	0	Wetlands: no drains, trees
203	N.S	0	0	Wetlands: drains, trees
222	43.8	76.9	10.0	Undiff. montane veg.: rock
223	5.1	32.4	1.5	Undiff. montane veg.: no rock
TOTAL	1323.8	918.8	918.8	

Table 3.3.3 Total audit of land cover features in Stirling District in which all mosaics are separately identified.

All areas are expressed in square kilometres to 1 decimal place; all percentages are expressed as % of the total area; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05

code	area	%	description
3	1.7	0.1	Factory
5	2.4	0.1	Golf course
6	N.S	N.S	Cemeteries
7	1.2	0.1	Recreational land
10	0.7	N.S	Rock and cliffs (area)
12	2.8	0.1	Quarries and opencast (area)
14	0.1	N.S	Bings and refuse tips (area)
18	67.3	3.0	Water (area)
20	27.9	1.2	Built-up (area)
21	1.0	N.S	Transport features, road
24	1.6	0.1	Estuary
26	18.5	0.8	Cloud cover
70	233.6	10.4	Coniferous plantation (area)
76	56.7	2.5	Undiff. broadleaved (area)

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Table 3.3.3 Total audit of land cover features in Stirling District in which all mosaics are separately identified (continued).

code	area	%	description
79	53.3	2.4	Undiff. mixed woodland (area)
82	0.9	N.S	Undiff. low scrub
83	51.5	2.3	Recent ploughing for forestry
84	17.6	0.8	Recently felled forestry
85	40.2	1.8	Open canopy (young plantation)
90	165.4	7.4	Imp. pasture: no rock, no farms, no trees
91	15.5	0.7	Imp. pasture: no rock, no farms, trees
92	0.6	N.S	Imp. pasture: no rock, farms, no trees
93	0.3	N.S	Imp. pasture: no rock, farms, trees
100	232.2	10.4	Arable: no rock, no farms, no trees
101	0.2	N.S	Arable: no rock, no farms, trees
110	4.0	0.2	Dry heather moor: no rock, no burning, no trees
111	0.1	N.S	Dry heather moor: no rock, no burning, trees
112	2.0	0.1	Dry heather moor: no rock, burning, no trees
113	0.1	N.S	Dry heather moor: no rock, burning, trees
114	19.0	0.8	Dry heather moor: rock, no burning, no trees
115	0.1	N.S	Dry heather moor: rock, no burning, trees
116	0.8	N.S	Dry heather moor: rock, burning, no trees
120	3.8	0.2	Wet heather moor: no rock, no burning, no trees
130	12.2	0.5	Undiff. heather moor: no rock, no burning, no trees
132	17.6	0.8	Undiff. heather moor: no rock, burning, no trees
134	30.6	1.4	Undiff. heather moor: rock, no burning, no trees
135	0.4	N.S	Undiff. heather moor: rock, no burning, trees
140	38.8	1.7	Undiff. Nardus/Molinia: no rock, no trees
141	1.3	0.1	Undiff. Nardus/Molinia: no rock, trees
142	8.1	0.4	Undiff. Nardus/Molinia: rock, no trees
143	0.2	N.S	Undiff. Nardus/Molinia: rock, trees
150	19.1	0.9	Smooth grass/rushes: no rock, no trees
151	1.3	0.1	Smooth grass/rushes: no rock, trees
155	1.5	0.1	Smooth grass/low scrub: no rock, no trees
156	1.5	0.1	Smooth grass/low scrub: no rock, trees
157	0.1	N.S	Smooth grass/low scrub: rock, no trees
160	18.2	0.8	Undiff. smooth grass.: no rock, no trees
161	6.8	0.3	Undiff. smooth grass.: no rock, trees
162	5.9	0.3	Undiff. smooth grass.: rock, no trees
163	1.3	0.1	Undiff. smooth grass.: rock, trees
170	3.9	0.2	Undiff. bracken: no rock, no trees
171	2.0	0.1	Undiff. bracken: no rock, trees
172	0.4	N.S	Undiff. bracken: rock, no trees
173	0.2	N.S	Undiff. bracken: rock, trees
180	35.8	1.6	Blanket bog/peat. veg.: erosion, no trees
182	36.7	1.6	Blanket bog/peat. veg.: no erosion, no trees
183	5.7	0.3	Blanket bog/peat. veg.: no erosion, trees
185	0.7	N.S	Blanket bog/peat. veg.: industrial peat workings
190	0.6	N.S	Undiff. salt marsh: no trees
200	0.2	N.S	Wetlands: no drains, no trees
201	0.1	N.S	Wetlands: drains, no trees
202	0.7	N.S	Wetlands: no drains, trees
203	N.S	N.S	Wetlands: drains, trees

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Table 3.3.3 Total audit of land cover features in Stirling District in which all mosaics are separately identified (continued).

code	area	%	description	
222	43.8	2.0	Undiff. montane veg.: rock	
223	5.1	0.2	Undiff. montane veg.: no rock	
code	area	%	primary feature	secondary feature
301	1.1	N.S	Undiff. smooth grass.: rock, no trees	Dry heather moor: rock, no burning, no trees
316	0.9	N.S	Dry heather moor: rock, no burning, no trees	Undiff. bracken: rock, no trees
317	0.6	N.S	Undiff. smooth grass.: rock, no trees	Undiff. heather moor: rock, no burning, no trees
326	0.1	N.S	Dry heather moor: rock, no burning, no trees	Undiff. smooth grass.: rock, no trees
328	2.4	0.1	Imp. pasture: no rock, no farms, no trees	Undiff. Nardus/Molinia: no rock, no trees
353	54.0	2.4	Imp. pasture: no rock, no farms, no trees	Smooth grass/rushes: no rock, no trees
355	4.1	0.2	Blanket bog/peat. veg.: no erosion, no trees	Smooth grass/rushes: no rock, no trees
356	43.9	2.0	Undiff. smooth grass.: no rock, no trees	Smooth grass/rushes: no rock, no trees
358	1.0	N.S	Blanket bog/peat. veg.: no erosion, no trees	Wet heather moor: no rock, no burning, no trees
360	40.3	1.8	Undiff. heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
361	0.7	N.S	Wet heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
362	1.3	0.1	Undiff. heather moor: no rock, no burning, no trees	Undiff. bracken: no rock, no trees
364	0.2	N.S	Wet heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
365	1.9	0.1	Undiff. bracken: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
366	0.9	N.S	Undiff. heather moor: rock, no burning, no trees	Undiff. bracken: rock, no trees
374	83.9	3.7	Undiff. heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
382	11.9	0.5	Blanket bog/peat. veg.: no erosion, no trees	Undiff. heather moor: no rock, no burning, no trees
384	2.4	0.1	Blanket bog/peat. veg.: no erosion, no trees	Undiff. heather moor: rock, no burning, no trees
385	1.1	0.1	Undiff. heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
387	0.3	N.S	Smooth grass/low scrub: no rock, no trees	Smooth grass/rushes: no rock, no trees
389	3.7	0.2	Dry heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
390	1.1	0.1	Imp. pasture: no rock, no farms, no trees	Undiff. smooth grass.: no rock, no trees
393	0.4	N.S	Recently felled forestry	Coniferous plantation (area)
395	0.2	N.S	Smooth grass/rushes: no rock, no trees	Smooth grass/low scrub: no rock, no trees
396	4.0	0.2	Undiff. heather moor: rock, no burning, no trees	Undiff. smooth grass.: rock, no trees
399	1.0	N.S	Smooth grass/rushes: no rock, no trees	Imp. pasture: no rock, no farms, no trees
400	2.0	0.1	Undiff. smooth grass.: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
401	11.9	0.5	Undiff. smooth grass.: rock, no trees	Undiff. bracken: rock, no trees
402	1.2	0.1	Smooth grass/rushes: no rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
406	0.5	N.S	Smooth grass/rushes: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
410	0.2	N.S	Undiff. smooth grass.: no rock, no trees	Imp. pasture: no rock, no farms, no trees
413	0.4	N.S	Smooth grass/rushes: no rock, trees	Smooth grass/low scrub: no rock, trees
414	73.9	3.3	Undiff. Nardus/Molinia: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
415	59.8	2.7	Undiff. smooth grass.: no rock, no trees	Undiff. bracken: no rock, no trees
416	15.7	0.7	Undiff. Nardus/Molinia: no rock, no trees	Smooth grass/rushes: no rock, no trees
418	1.0	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. bracken: no rock, no trees
419	0.2	N.S	Undiff. smooth grass.: rock, trees	Undiff. bracken: no rock, no trees
420	3.4	0.2	Dry heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
421	9.0	0.4	Undiff. smooth grass.: no rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
425	1.2	0.1	Undiff. smooth grass.: no rock, trees	Undiff. bracken: no rock, no trees
426	0.3	N.S	Smooth grass/rushes: no rock, no trees	Undiff. smooth grass.: no rock, no trees
428	0.3	N.S	Undiff. Nardus/Molinia: rock, no trees	Dry heather moor: rock, no burning, no trees
429	4.0	0.2	Undiff. Nardus/Molinia: rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
434	8.7	0.4	Undiff. smooth grass.: no rock, trees	Undiff. bracken: no rock, trees
436	3.6	0.2	Undiff. Nardus/Molinia: no rock, no trees	Blanket bog/peat. veg.: erosion, no trees
437	0.1	N.S	Undiff. heather moor: no rock, no burning, no trees	Smooth grass/rushes: no rock, no trees

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Table 3.3.3 Total audit of land cover features in Stirling District in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
438	6.0	0.3	Undiff. heather moor: no rock, burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
439	2.1	0.1	Undiff. smooth grass.: rock, no trees	Undiff. bracken: no rock, no trees
440	0.6	N.S	Smooth grass/low scrub: no rock, no trees	Undiff. bracken: no rock, no trees
441	0.5	N.S	Smooth grass/low scrub: no rock, trees	Undiff. bracken: no rock, no trees
442	47.2	2.1	Undiff. heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
443	0.5	N.S	Undiff. heather moor: no rock, burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
444	8.8	0.4	Undiff. Nardus/Molinia: no rock, no trees	Undiff. smooth grass.: no rock, no trees
447	0.2	N.S	Blanket bog/peat. veg.: erosion, no trees	Undiff. Nardus/Molinia: rock, no trees
448	43.8	2.0	Undiff. heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: rock, no trees
449	29.9	1.3	Blanket bog/peat. veg.: no erosion, no trees	Undiff. Nardus/Molinia: no rock, no trees
450	1.7	0.1	Undiff. smooth grass.: rock, no trees	Smooth grass/rushes: no rock, no trees
454	0.1	N.S	Open canopy (young plantation)	Coniferous plantation (area)
457	1.9	0.1	Undiff. smooth grass.: rock, trees	Undiff. bracken: rock, trees
458	0.3	N.S	Undiff. smooth grass.: no rock, trees	Smooth grass/rushes: no rock, trees
460	2.2	0.1	Dry heather moor: no rock, no burning, no trees	Undiff. bracken: no rock, no trees
467	1.3	0.1	Dry heather moor: no rock, burning, no trees	Smooth grass/rushes: no rock, no trees
474	1.5	0.1	Blanket bog/peat. veg.: erosion, no trees	Undiff. Nardus/Molinia: no rock, no trees
475	0.7	N.S	Dry heather moor: no rock, no burning, no trees	Smooth grass/rushes: no rock, no trees
476	1.1	0.1	Dry heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
477	27.1	1.2	Undiff. heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: erosion, no trees
485	3.5	0.2	Undiff. Nardus/Molinia: no rock, no trees	Wet heather moor: no rock, no burning, no trees
486	2.4	0.1	Dry heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
493	0.2	N.S	Undiff. smooth grass.: no rock, no trees	Smooth grass/low scrub: no rock, no trees
494	12.1	0.5	Undiff. Nardus/Molinia: rock, no trees	Undiff. heather moor: rock, no burning, no trees
495	0.3	N.S	Blanket bog/peat. veg.: no erosion, no trees	Undiff. smooth grass.: rock, no trees
509	0.1	N.S	Coniferous plantation (area)	Recently felled forestry
521	0.6	N.S	Wet heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
524	0.6	N.S	Smooth grass/rushes: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
528	3.2	0.1	Undiff. smooth grass.: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
533	0.4	N.S	Smooth grass/low scrub: no rock, trees	Undiff. bracken: no rock, trees
534	0.2	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. low scrub
549	N.S	N.S	Undiff. broadleaved (area)	Undiff. low scrub
552	1.2	0.1	Dry heather moor: no rock, burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
553	3.1	0.1	Undiff. Nardus/Molinia: rock, no trees	Undiff. bracken: rock, no trees
557	2.1	0.1	Undiff. bracken: rock, no trees	Undiff. smooth grass.: rock, no trees
558	2.2	0.1	Undiff. bracken: no rock, no trees	Smooth grass/rushes: no rock, no trees
559	1.8	0.1	Undiff. bracken: no rock, trees	Smooth grass/rushes: no rock, trees
560	1.7	0.1	Undiff. bracken: rock, no trees	Undiff. Nardus/Molinia: rock, no trees
561	3.2	0.1	Undiff. bracken: no rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
564	31.8	1.4	Undiff. Nardus/Molinia: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
565	0.6	N.S	Blanket bog/peat. veg.: erosion, no trees	Wet heather moor: no rock, no burning, no trees
568	2.6	0.1	Dry heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: rock, no trees
571	0.5	N.S	Undiff. smooth grass.: rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
580	23.5	1.0	Undiff. heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: erosion, no trees
586	2.1	0.1	Smooth grass/rushes: no rock, no trees	Undiff. bracken: no rock, no trees
588	2.5	0.1	Undiff. bracken: rock, trees	Undiff. smooth grass.: rock, trees
592	9.2	0.4	Undiff. Nardus/Molinia: no rock, no trees	Undiff. bracken: no rock, no trees
593	1.8	0.1	Undiff. bracken: no rock, no trees	Undiff. smooth grass.: no rock, no trees
599	1.6	0.1	Blanket bog/peat. veg.: erosion, no trees	Undiff. montane veg.: rock
602	0.9	N.S	Blanket bog/peat. veg.: erosion, no trees	Undiff. montane veg.: no rock

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Table 3.3.3 Total audit of land cover features in Stirling District in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
603	10.7	0.5	Undiff. montane veg.: no rock	Blanket bog/peat. veg.: erosion, no trees
607	38.1	1.7	Undiff. montane veg.: rock	Blanket bog/peat. veg.: erosion, no trees
608	32.6	1.5	Undiff. montane veg.: rock	Blanket bog/peat. veg.: no erosion, no trees
610	0.4	N.S	Golf course	Undiff. mixed woodland (point)
620	20.5	0.9	Undiff. montane veg.: no rock	Blanket bog/peat. veg.: no erosion, no trees
631	0.8	N.S	Undiff. smooth grass.: no rock, no trees	Dry heather moor: no rock, no burning, no trees
632	1.2	0.1	Undiff. heather moor: rock, no burning, no trees	Rock and cliffs (area)
634	4.0	0.2	Blanket bog/peat. veg.: erosion, no trees	Undiff. heather moor: rock, no burning, no trees
651	0.5	N.S	Undiff. smooth grass.: no rock, trees	Smooth grass/rushes: no rock, no trees
652	0.1	N.S	Imp. pasture: no rock, no farms, no trees	Smooth grass/low scrub: no rock, trees
659	0.2	N.S	Undiff. bracken: no rock, no trees	Dry heather moor: no rock, no burning, no trees
668	0.2	N.S	Undiff. Nardus/Molinia: no rock, no trees	Imp. pasture: no rock, no farms, no trees
676	0.2	N.S	Undiff. broadleaved (area)	Smooth grass/rushes: no rock, no trees
678	0.2	N.S	Imp. pasture: no rock, no farms, trees	Smooth grass/rushes: no rock, no trees
684	0.3	N.S	Undiff. smooth grass.: rock, trees	Dry heather moor: rock, no burning, trees
685	0.4	N.S	Golf course	Undiff. broadleaved (area)
697	0.3	N.S	Smooth grass/rushes: no rock, no trees	Wetlands: no drains, no trees
736	2.3	0.1	Blanket bog/peat. veg.: erosion, no trees	Undiff. heather moor: no rock, no burning, no trees
740	0.3	N.S	Undiff. heather moor: rock, no burning, trees	Undiff. Nardus/Molinia: rock, trees
741	1.7	0.1	Undiff. heather moor: no rock, no burning, trees	Undiff. Nardus/Molinia: no rock, trees
755	0.1	N.S	Undiff. smooth grass.: rock, no trees	Dry heather moor: no rock, no burning, no trees
762	1.0	N.S	Undiff. Nardus/Molinia: no rock, no trees	Dry heather moor: no rock, no burning, no trees
770	0.2	N.S	Undiff. heather moor: rock, no burning, trees	Undiff. bracken: rock, trees
801	0.6	N.S	Smooth grass/low scrub: no rock, trees	Smooth grass/rushes: no rock, trees
843	2.2	0.1	Dry heather moor: rock, burning, no trees	Undiff. bracken: rock, no trees
844	0.3	N.S	Dry heather moor: no rock, burning, no trees	Undiff. bracken: no rock, no trees
845	0.7	N.S	Dry heather moor: rock, no burning, no trees	Undiff. bracken: no rock, no trees
860	0.2	N.S	Undiff. heather moor: no rock, burning, no trees	Blanket bog/peat. veg.: erosion, no trees
873	5.1	0.2	Undiff. montane veg.: rock	Undiff. heather moor: rock, no burning, no trees
889	0.4	N.S	Blanket bog/peat. veg.: no erosion, no trees	Wetlands: no drains, no trees
890	0.8	N.S	Undiff. montane veg.: no rock	Undiff. heather moor: no rock, no burning, no trees
910	0.5	N.S	Undiff. montane veg.: no rock	Undiff. Nardus/Molinia: no rock, no trees
912	8.1	0.4	Undiff. heather moor: rock, no burning, no trees	Undiff. montane veg.: rock
917	0.1	N.S	Undiff. Nardus/Molinia: no rock, no trees	Undiff. montane veg.: no rock
925	0.8	N.S	Undiff. Nardus/Molinia: no rock, trees	Undiff. heather moor: no rock, no burning, trees
940	0.2	N.S	Undiff. heather moor: rock, no burning, trees	Rock and cliffs (area)
947	0.1	N.S	Undiff. bracken: rock, trees	Undiff. heather moor: rock, no burning, trees
956	0.3	N.S	Dry heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
983	0.4	N.S	Dry heather moor: no rock, no burning, trees	Undiff. bracken: no rock, no trees
984	0.1	N.S	Undiff. Nardus/Molinia: rock, trees	Undiff. bracken: no rock, no trees
985	0.7	N.S	Undiff. montane veg.: rock	Rock and cliffs (area)
994	1.4	0.1	Dry heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: erosion, no trees
1000	1.1	N.S	Undiff. Nardus/Molinia: rock, no trees	Undiff. bracken: no rock, no trees
1001	0.1	N.S	Undiff. smooth grass.: rock, trees	Undiff. bracken: no rock, trees
1028	0.5	N.S	Undiff. bracken: no rock, trees	Undiff. smooth grass.: no rock, trees
1033	5.1	0.2	Undiff. Nardus/Molinia: rock, no trees	Wet heather moor: no rock, no burning, no trees
1049	0.2	N.S	Smooth grass/low scrub: no rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
1065	0.8	N.S	Blanket bog/peat. veg.: no erosion, no trees	Undiff. bracken: no rock, no trees
1179	0.4	N.S	Undiff. smooth grass.: rock, trees	Undiff. heather moor: no rock, no burning, no trees
1214	N.S	N.S	Undiff. broadleaved (area)	Smooth grass/low scrub: no rock, no trees

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Table 3.3.3 Total audit of land cover features in Stirling District in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
1232	0.3	N.S	Undiff. montane veg.: rock	Undiff. smooth grass.: rock, no trees
1262	0.1	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. Nardus/Molinia: no rock, trees
1280	1.8	0.1	Undiff. bracken: no rock, trees	Undiff. heather moor: no rock, no burning, trees
1294	0.2	N.S	Undiff. heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, trees
1323	1.0	N.S	Undiff. bracken: no rock, trees	Smooth grass/rushes: no rock, no trees
1342	0.1	N.S	Undiff. broadleaved (area)	Recently felled forestry
1357	0.9	N.S	Undiff. heather moor: no rock, no burning, trees	Undiff. bracken: no rock, trees
1359	0.5	N.S	Undiff. Nardus/Molinia: rock, trees	Undiff. heather moor: rock, no burning, trees
1361	0.2	N.S	Undiff. Nardus/Molinia: rock, no trees	Undiff. montane veg.: rock
1365	0.1	N.S	Undiff. Nardus/Molinia: rock, no trees	Undiff. heather moor: rock, no burning, trees
1366	0.7	N.S	Smooth grass/rushes: no rock, trees	Undiff. bracken: no rock, trees
1368	4.2	0.2	Undiff. bracken: no rock, trees	Undiff. Nardus/Molinia: no rock, trees
1371	0.5	N.S	Undiff. smooth grass.: no rock, no trees	Undiff. montane veg.: no rock
1374	2.1	0.1	Undiff. Nardus/Molinia: no rock, trees	Undiff. bracken: no rock, trees
1377	0.3	N.S	Wetlands: no drains, trees	Smooth grass/rushes: no rock, trees
1378	N.S	N.S	Smooth grass/rushes: no rock, trees	Imp. pasture: no rock, no farms, no trees
1380	3.0	0.1	Dry heather moor: rock, no burning, trees	Undiff. bracken: no rock, trees
1381	0.6	N.S	Undiff. heather moor: no rock, burning, no trees	Undiff. smooth grass.: rock, no trees
1382	0.1	N.S	Undiff. smooth grass.: rock, no trees	Undiff. bracken: no rock, trees
TOTAL	2242.6	100.0		

Cover types		single feature		features in mosaics	
		area	%	primary	secondary
Open countryside					
A	Arable	291.5	4.5	0	0
B	Improved grassland	1971.0	30.4	151.1	24.2
C	Good rough grassland	334.1	5.2	220.8	334.6
D	Poor rough grassland	512.0	7.9	340.0	460.2
E	Bracken	47.2	0.7	44.8	31.3
F	Heather moorland	83.3	1.3	253.5	108.8
G	Peatland	240.7	3.7	62.2	78.4
H	Montane	37.0	0.6	0	0
I	Rock and cliffs	14.4	0.2	2.4	0.4
Woodland					
J	Felled woodland	49.1	0.8	3.7	0
K	Recent planting	364.3	5.6	4.0	3.5
L	Coniferous plantation	1098.9	17.0	0.2	0.1
M	Semi-natural coniferous	N.S	N.S	0	0.2
N	Mixed woodland	55.4	0.9	0.6	0
O	Broadleaved	81.6	1.3	0.5	0.2
P	Scrub	3.8	0.1	0	38.8
Wet ground					
Q	Fresh waters	46.3	0.7	0	0
R	Marshes	38.3	0.6	1.9	4.5
S	Saltmarshes	24.4	0.4	0	0
T	Dunes	11.0	0.2	0.5	0.8
U	Tidal waters	5.3	0.1	0	0
Developed					
V	Rural development	34.6	0.5	0.1	0.3
W	Urban	45.5	0.7	0.1	0
Other					
X	Missing photography/obscured land	1.6	N.S	0	0
SUBTOTAL		5391.3	83.2		
Y	Mosaics of types above	1086.4	16.8	1086.4	1086.4
REGIONAL TOTAL		6477.6	100.0		

Nationally significant mosaics				area	%
FG	Heather moorland	Peatland		14.0	0.2
DF	Poor rough grassland	Heather moorland		315.8	4.9
CF	Good rough grassland	Heather moorland		14.3	0.2
GH	Peatland	Montane		0	0
CD	Good rough grassland	Poor rough grassland		300.7	4.6
BC	Improved grassland	Good rough grassland		75.2	1.2
CE	Good rough grassland	Bracken		25.7	0.4
DG	Poor rough grassland	Peatland		93.6	1.4
FH	Heather moorland	Montane		0	0
SUBTOTAL				839.3	13.0
Locally significant mosaics				area	%
BD	Improved grassland	Poor rough grassland		57.7	0.9
BP	Improved grassland	Scrub		33.0	0.5
DE	Poor rough grassland	Bracken		29.1	0.4
CG	Good rough grassland	Peatland		17.4	0.3
EF	Bracken	Heather moorland		14.7	0.2
SUBTOTAL				152.0	2.3
Remaining mosaics				95.1	1.5
MOSAICS OF SUMMARY COVER TYPES				1086.4	16.8

Table 4.0.1

Dumfries & Galloway Region

Land cover summary categories

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not match the totals of the columns due to rounding error discrepancies; 0 = not present; NS = not significant = < 0.05. Please refer to Figure 6.2 for guidance in the interpretation of this table.

Table 4.0.2 Total audit of land cover features in Dumfries & Galloway Region in which all mosaics are allocated according to primary or secondary feature.

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05 sq km. Please refer to Figure 6.3 for guidance in the interpretation of this table.

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
3	10.6	0	0	Factory
4	4.5	0	0	Airfield
5	7.0	0	0	Golf course
6	0.3	0	0	Cemeteries
7	4.1	0	0	Recreational land
10	14.4	2.4	0.4	Rock and cliffs (area)
12	6.3	0.1	0	Quarries and opencast (area)
14	0.9	0	0.3	Bings and refuse tips (area)
18	46.3	0	0	Water (area)
20	45.5	0.1	0	Built-up (area)
21	0.5	0	0	Transport features, road
22	0.5	0	0	Transport features, rail
24	5.3	0	0	Estuary
26	1.5	0	0	Cloud cover
28	N.S	0	0	Ski tows
70	1098.9	0.2	0.1	Coniferous plantation (area)
73	N.S	0	0	Coniferous semi-natural (area)
75	0	0	0.2	Coniferous semi-natural (point)
76	81.6	0.5	0.2	Undiff. broadleaved (area)
79	55.4	0.6	0	Undiff. mixed woodland (area)
82	3.8	0	38.8	Undiff. low scrub
83	164.5	2.2	0	Recent ploughing for forestry
84	49.1	3.7	0	Recently felled forestry
85	196.2	1.9	3.5	Open canopy (young plantation)
87	3.6	0	0	Recent 'ripping' for forestry
90	1593.2	88.7	13.6	Imp. pasture: no rock, no farms, no trees
91	19.2	1.0	1.0	Imp. pasture: no rock, no farms, trees
92	2.8	0.4	0	Imp. pasture: no rock, farms, no trees
94	350.5	59.8	9.5	Imp. pasture: rock, no farms, no trees
95	5.1	1.2	0	Imp. pasture: rock, no farms, trees
96	0.2	0	0	Imp. pasture: rock, farms, no trees
100	290.8	0	0	Arable: no rock, no farms, no trees
101	0.7	0	0	Arable: no rock, no farms, trees
102	N.S	0	0	Arable: no rock, farms, no trees
110	3.0	3.8	4.3	Dry heather moor: no rock, no burning, no trees
111	0.1	0	0	Dry heather moor: no rock, no burning, trees
112	31.4	1.0	0.6	Dry heather moor: no rock, burning, no trees
114	2.4	2.2	2.8	Dry heather moor: rock, no burning, no trees
115	0.1	0	0	Dry heather moor: rock, no burning, trees
116	0.1	0	0	Dry heather moor: rock, burning, no trees
120	0.4	8.0	13.0	Wet heather moor: no rock, no burning, no trees
124	1.9	17.0	13.7	Wet heather moor: rock, no burning, no trees
130	12.2	97.2	29.2	Undiff. heather moor: no rock, no burning, no trees
131	0	0.2	0.3	Undiff. heather moor: no rock, no burning, trees

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Table 4.0.2 Total audit of land cover features in Dumfries & Galloway Region in which all mosaics are allocated according to primary or secondary feature (continued).

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
132	21.3	18.1	0.4	Undiff. heather moor: no rock, burning, no trees
134	9.7	104.6	44.6	Undiff. heather moor: rock, no burning, no trees
135	N.S	0.2	0	Undiff. heather moor: rock, no burning, trees
136	0.7	1.2	0	Undiff. heather moor: rock, burning, no trees
140	476.8	232.9	278.3	Undiff. Nardus/Molinia: no rock, no trees
141	2.6	0.9	1.5	Undiff. Nardus/Molinia: no rock, trees
142	31.8	105.8	176.0	Undiff. Nardus/Molinia: rock, no trees
143	0.7	0.4	4.4	Undiff. Nardus/Molinia: rock, trees
150	61.2	44.8	131.2	Smooth grass/rushes: no rock, no trees
151	2.8	0.7	1.7	Smooth grass/rushes: no rock, trees
152	0.3	1.0	8.0	Smooth grass/rushes: rock, no trees
153	0.3	0	0	Smooth grass/rushes: rock, trees
155	5.4	1.1	0.7	Smooth grass/low scrub: no rock, no trees
156	5.9	0.8	0	Smooth grass/low scrub: no rock, trees
157	29.4	9.6	1.7	Smooth grass/low scrub: rock, no trees
158	6.1	0.8	0.4	Smooth grass/low scrub: rock, trees
159	N.S	0	0	invalid code
160	130.9	97.3	127.9	Undiff. smooth grass.: no rock, no trees
161	23.6	3.1	1.6	Undiff. smooth grass.: no rock, trees
162	60.2	57.1	59.8	Undiff. smooth grass.: rock, no trees
163	8.1	4.6	1.7	Undiff. smooth grass.: rock, trees
170	18.3	15.7	6.0	Undiff. bracken: no rock, no trees
171	4.8	0.9	0.4	Undiff. bracken: no rock, trees
172	17.3	26.4	22.8	Undiff. bracken: rock, no trees
173	6.9	1.8	2.1	Undiff. bracken: rock, trees
178	N.S	0	0	invalid code
180	36.2	3.8	0.7	Blanket bog/peat. veg.: erosion, no trees
182	190.6	56.5	76.8	Blanket bog/peat. veg.: no erosion, no trees
183	6.0	0.1	0.9	Blanket bog/peat. veg.: no erosion, trees
184	0.5	0	0	Blanket bog/peat. veg.: dubh lochans
185	1.5	0	0	Blanket bog/peat. veg.: industrial peat workings
186	5.9	1.8	0	Blanket bog/peat. veg.: other peat workings
190	24.4	0	0	Undiff. salt marsh: no trees
200	25.9	1.6	4.3	Wetlands: no drains, no trees
201	N.S	0	0	Wetlands: drains, no trees
202	12.4	0.3	0.2	Wetlands: no drains, trees
210	0.4	0	0	Bare dunes
211	7.2	0	0	Partially stabilized dunes
212	3.4	0.5	0.8	Links area: grass
222	4.2	0	0	Undiff. montane veg.: rock
223	32.8	0	0	Undiff. montane veg.: no rock
TOTAL	5391.3	1086.4	1086.4	

Table 4.0.3 Total audit of land cover features in Dumfries & Galloway Region in which all mosaics are separately identified.

All areas are expressed in square kilometres to 1 decimal place; all percentages are expressed as % of the total area; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05

code	area	%	description
3	10.6	0.2	Factory
4	4.5	0.1	Airfield
5	7.0	0.1	Golf course
6	0.3	N.S	Cemeteries
7	4.1	0.1	Recreational land
10	14.4	0.2	Rock and cliffs (area)
12	6.3	0.1	Quarries and opencast (area)
14	0.9	N.S	Bings and refuse tips (area)
18	46.3	0.7	Water (area)
20	45.5	0.7	Built-up (area)
21	0.5	N.S	Transport features, road
22	0.5	N.S	Transport features, rail
24	5.3	0.1	Estuary
26	1.5	N.S	Cloud cover
28	N.S	N.S	Ski tows
70	1098.9	17.0	Coniferous plantation (area)
73	N.S	N.S	Coniferous semi-natural (area)
76	81.6	1.3	Undiff. broadleaved (area)
79	55.4	0.9	Undiff. mixed woodland (area)
82	3.8	0.1	Undiff. low scrub
83	164.5	2.5	Recent ploughing for forestry
84	49.1	0.8	Recently felled forestry
85	196.2	3.0	Open canopy (young plantation)
87	3.6	0.1	Recent 'ripping' for forestry
90	1593.2	24.6	Imp. pasture: no rock, no farms, no trees
91	19.2	0.3	Imp. pasture: no rock, no farms, trees
92	2.8	N.S	Imp. pasture: no rock, farms, no trees
94	350.5	5.4	Imp. pasture: rock, no farms, no trees
95	5.1	0.1	Imp. pasture: rock, no farms, trees
96	0.2	N.S	Imp. pasture: rock, farms, no trees
100	290.8	4.5	Arable: no rock, no farms, no trees
101	0.7	N.S	Arable: no rock, no farms, trees
102	N.S	N.S	Arable: no rock, farms, no trees
110	3.0	N.S	Dry heather moor: no rock, no burning, no trees
111	0.1	N.S	Dry heather moor: no rock, no burning, trees
112	31.4	0.5	Dry heather moor: no rock, burning, no trees
114	2.4	N.S	Dry heather moor: rock, no burning, no trees
115	0.1	N.S	Dry heather moor: rock, no burning, trees
116	0.1	N.S	Dry heather moor: rock, burning, no trees
120	0.4	N.S	Wet heather moor: no rock, no burning, no trees
124	1.9	N.S	Wet heather moor: rock, no burning, no trees
130	12.2	0.2	Undiff. heather moor: no rock, no burning, no trees
132	21.3	0.3	Undiff. heather moor: no rock, burning, no trees
134	9.7	0.1	Undiff. heather moor: rock, no burning, no trees
135	N.S	N.S	Undiff. heather moor: rock, no burning, trees
136	0.7	N.S	Undiff. heather moor: rock, burning, no trees
140	476.8	7.4	Undiff. Nardus/Molinia: no rock, no trees
141	2.6	N.S	Undiff. Nardus/Molinia: no rock, trees

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Table 4.0.3 Total audit of land cover features in Dumfries & Galloway Region in which all mosaics are separately identified (continued).

code	area	%	description	
142	31.8	0.5	Undiff. Nardus/Molinia: rock, no trees	
143	0.7	N.S	Undiff. Nardus/Molinia: rock, trees	
150	61.2	0.9	Smooth grass/rushes: no rock, no trees	
151	2.8	N.S	Smooth grass/rushes: no rock, trees	
152	0.3	N.S	Smooth grass/rushes: rock, no trees	
153	0.3	N.S	Smooth grass/rushes: rock, trees	
155	5.4	0.1	Smooth grass/low scrub: no rock, no trees	
156	5.9	0.1	Smooth grass/low scrub: no rock, trees	
157	29.4	0.5	Smooth grass/low scrub: rock, no trees	
158	6.1	0.1	Smooth grass/low scrub: rock, trees	
159	N.S	N.S	invalid code	
160	130.9	2.0	Undiff. smooth grass.: no rock, no trees	
161	23.6	0.4	Undiff. smooth grass.: no rock, trees	
162	60.2	0.9	Undiff. smooth grass.: rock, no trees	
163	8.1	0.1	Undiff. smooth grass.: rock, trees	
170	18.3	0.3	Undiff. bracken: no rock, no trees	
171	4.8	0.1	Undiff. bracken: no rock, trees	
172	17.3	0.3	Undiff. bracken: rock, no trees	
173	6.9	0.1	Undiff. bracken: rock, trees	
178	N.S	N.S	invalid code	
180	36.2	0.6	Blanket bog/peat. veg.: erosion, no trees	
182	190.6	2.9	Blanket bog/peat. veg.: no erosion, no trees	
183	6.0	0.1	Blanket bog/peat. veg.: no erosion, trees	
184	0.5	N.S	Blanket bog/peat. veg.: dubh lochans	
185	1.5	N.S	Blanket bog/peat. veg.: industrial peat workings	
186	5.9	0.1	Blanket bog/peat. veg.: other peat workings	
190	24.4	0.4	Undiff. salt marsh: no trees	
200	25.9	0.4	Wetlands: no drains, no trees	
201	N.S	N.S	Wetlands: drains, no trees	
202	12.4	0.2	Wetlands: no drains, trees	
210	0.4	N.S	Bare dunes	
211	7.2	0.1	Partially stabilized dunes	
212	3.4	0.1	Links area: grass	
222	4.2	0.1	Undiff. montane veg.: rock	
223	32.8	0.5	Undiff. montane veg.: no rock	
code	area	%	primary feature	secondary feature
301	0.3	N.S	Undiff. smooth grass.: rock, no trees	Dry heather moor: rock, no burning, no trees
311	0.2	N.S	Undiff. bracken: rock, no trees	Dry heather moor: rock, no burning, no trees
312	0.6	N.S	Wet heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
313	0.1	N.S	Blanket bog/peat. veg.: no erosion, no trees	Wet heather moor: rock, no burning, no trees
316	1.7	N.S	Dry heather moor: rock, no burning, no trees	Undiff. bracken: rock, no trees
317	0.7	N.S	Undiff. smooth grass.: rock, no trees	Undiff. heather moor: rock, no burning, no trees
323	2.3	N.S	Imp. pasture: rock, no farms, no trees	Blanket bog/peat. veg.: no erosion, no trees
324	1.7	N.S	Imp. pasture: no rock, no farms, no trees	Blanket bog/peat. veg.: no erosion, no trees
326	0.5	N.S	Dry heather moor: rock, no burning, no trees	Undiff. smooth grass.: rock, no trees
328	46.0	0.7	Imp. pasture: no rock, no farms, no trees	Undiff. Nardus/Molinia: no rock, no trees
332	0.1	N.S	Undiff. smooth grass.: rock, no trees	Wet heather moor: rock, no burning, no trees
345	0.8	N.S	Blanket bog/peat. veg.: no erosion, no trees	Imp. pasture: rock, no farms, no trees
353	33.1	0.5	Imp. pasture: no rock, no farms, no trees	Smooth grass/rushes: no rock, no trees

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Table 4.0.3 Total audit of land cover features in Dumfries & Galloway Region in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
355	0.3	N.S	Blanket bog/peat. veg.: no erosion, no trees	Smooth grass/rushes: no rock, no trees
356	29.2	0.5	Undiff. smooth grass.: no rock, no trees	Smooth grass/rushes: no rock, no trees
358	0.6	N.S	Blanket bog/peat. veg.: no erosion, no trees	Wet heather moor: no rock, no burning, no trees
360	4.1	0.1	Undiff. heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
361	0.6	N.S	Wet heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
362	0.3	N.S	Undiff. heather moor: no rock, no burning, no trees	Undiff. bracken: no rock, no trees
364	0.4	N.S	Wet heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
365	1.1	N.S	Undiff. bracken: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
366	7.8	0.1	Undiff. heather moor: rock, no burning, no trees	Undiff. bracken: rock, no trees
367	1.3	N.S	Undiff. bracken: rock, no trees	Undiff. heather moor: rock, no burning, no trees
369	0.2	N.S	Undiff. smooth grass.: no rock, no trees	Wet heather moor: no rock, no burning, no trees
374	1.4	N.S	Undiff. heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
376	32.5	0.5	Imp. pasture: rock, no farms, no trees	Undiff. low scrub
377	0.3	N.S	Imp. pasture: rock, no farms, trees	Undiff. low scrub
378	N.S	N.S	Imp. pasture: rock, no farms, no trees	Coniferous plantation (area)
380	0.5	N.S	Blanket bog/peat. veg.: other peat workings	Undiff. heather moor: no rock, no burning, no trees
382	0.3	N.S	Blanket bog/peat. veg.: no erosion, no trees	Undiff. heather moor: no rock, no burning, no trees
384	4.8	0.1	Blanket bog/peat. veg.: no erosion, no trees	Undiff. heather moor: rock, no burning, no trees
385	1.3	N.S	Undiff. heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
386	0.5	N.S	Smooth grass/rushes: no rock, no trees	Undiff. low scrub
389	0.7	N.S	Dry heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
390	5.9	0.1	Imp. pasture: no rock, no farms, no trees	Undiff. smooth grass.: no rock, no trees
393	0.1	N.S	Recently felled forestry	Coniferous plantation (area)
395	0.2	N.S	Smooth grass/rushes: no rock, no trees	Smooth grass/low scrub: no rock, no trees
396	7.3	0.1	Undiff. heather moor: rock, no burning, no trees	Undiff. smooth grass.: rock, no trees
397	3.5	0.1	Undiff. smooth grass.: rock, no trees	Smooth grass/rushes: rock, no trees
398	0.3	N.S	Wetlands: no drains, trees	Blanket bog/peat. veg.: no erosion, trees
399	6.0	0.1	Smooth grass/rushes: no rock, no trees	Imp. pasture: no rock, no farms, no trees
400	0.9	N.S	Undiff. smooth grass.: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
401	3.2	N.S	Undiff. smooth grass.: rock, no trees	Undiff. bracken: rock, no trees
402	18.0	0.3	Smooth grass/rushes: no rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
403	0.3	N.S	Imp. pasture: no rock, no farms, trees	Undiff. heather moor: no rock, no burning, trees
409	0.1	N.S	Imp. pasture: no rock, no farms, no trees	Smooth grass/low scrub: no rock, no trees
410	3.1	N.S	Undiff. smooth grass.: no rock, no trees	Imp. pasture: no rock, no farms, no trees
414	42.5	0.7	Undiff. Nardus/Molinia: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
415	2.2	N.S	Undiff. smooth grass.: no rock, no trees	Undiff. bracken: no rock, no trees
416	51.3	0.8	Undiff. Nardus/Molinia: no rock, no trees	Smooth grass/rushes: no rock, no trees
421	57.7	0.9	Undiff. smooth grass.: no rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
424	35.4	0.5	Undiff. smooth grass.: rock, no trees	Undiff. Nardus/Molinia: rock, no trees
426	18.1	0.3	Smooth grass/rushes: no rock, no trees	Undiff. smooth grass.: no rock, no trees
427	0.5	N.S	Imp. pasture: no rock, no farms, trees	Smooth grass/rushes: no rock, trees
429	9.5	0.1	Undiff. Nardus/Molinia: rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
434	0.1	N.S	Undiff. smooth grass.: no rock, trees	Undiff. bracken: no rock, trees
438	0.4	N.S	Undiff. heather moor: no rock, burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
440	0.4	N.S	Smooth grass/low scrub: no rock, no trees	Undiff. bracken: no rock, no trees
442	92.2	1.4	Undiff. heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
443	16.6	0.3	Undiff. heather moor: no rock, burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
444	87.8	1.4	Undiff. Nardus/Molinia: no rock, no trees	Undiff. smooth grass.: no rock, no trees
448	83.6	1.3	Undiff. heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: rock, no trees
449	27.9	0.4	Blanket bog/peat. veg.: no erosion, no trees	Undiff. Nardus/Molinia: no rock, no trees

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Table 4.0.3 Total audit of land cover features in Dumfries & Galloway Region in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
450	2.2	N.S	Undiff. smooth grass.: rock, no trees	Smooth grass/rushes: no rock, no trees
452	11.9	0.2	Imp. pasture: rock, no farms, no trees	Smooth grass/rushes: no rock, no trees
453	0.3	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. smooth grass.: rock, no trees
457	0.9	N.S	Undiff. smooth grass.: rock, trees	Undiff. bracken: rock, trees
458	0.6	N.S	Undiff. smooth grass.: no rock, trees	Smooth grass/rushes: no rock, trees
459	0.6	N.S	Undiff. mixed woodland (area)	Undiff. smooth grass.: no rock, trees
460	1.2	N.S	Dry heather moor: no rock, no burning, no trees	Undiff. bracken: no rock, no trees
466	0.3	N.S	Dry heather moor: no rock, burning, no trees	Undiff. smooth grass.: no rock, no trees
474	0.7	N.S	Blanket bog/peat. veg.: erosion, no trees	Undiff. Nardus/Molinia: no rock, no trees
475	0.2	N.S	Dry heather moor: no rock, no burning, no trees	Smooth grass/rushes: no rock, no trees
485	12.1	0.2	Undiff. Nardus/Molinia: no rock, no trees	Wet heather moor: no rock, no burning, no trees
486	1.7	N.S	Dry heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
494	37.3	0.6	Undiff. Nardus/Molinia: rock, no trees	Undiff. heather moor: rock, no burning, no trees
495	4.7	0.1	Blanket bog/peat. veg.: no erosion, no trees	Undiff. smooth grass.: rock, no trees
497	12.4	0.2	Blanket bog/peat. veg.: no erosion, no trees	Undiff. Nardus/Molinia: rock, no trees
498	0.5	N.S	Links area: grass	Undiff. low scrub
499	4.0	0.1	Imp. pasture: rock, no farms, no trees	Undiff. smooth grass.: rock, no trees
500	0.2	N.S	Undiff. heather moor: no rock, no burning, trees	Blanket bog/peat. veg.: no erosion, trees
501	0.3	N.S	Smooth grass/low scrub: rock, no trees	Undiff. bracken: rock, trees
502	2.2	N.S	Smooth grass/low scrub: rock, no trees	Undiff. Nardus/Molinia: rock, no trees
503	35.1	0.5	Undiff. Nardus/Molinia: rock, no trees	Undiff. smooth grass.: rock, no trees
504	0.4	N.S	Undiff. Nardus/Molinia: rock, no trees	Smooth grass/low scrub: rock, no trees
505	3.2	N.S	Smooth grass/low scrub: rock, no trees	Undiff. bracken: rock, no trees
514	1.7	N.S	Smooth grass/low scrub: rock, no trees	Imp. pasture: rock, no farms, no trees
515	0.3	N.S	Wetlands: no drains, no trees	Imp. pasture: rock, no farms, no trees
517	13.5	0.2	Undiff. Nardus/Molinia: rock, no trees	Wet heather moor: rock, no burning, no trees
521	7.1	0.1	Wet heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
524	1.1	N.S	Smooth grass/rushes: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
525	0.2	N.S	Blanket bog/peat. veg.: no erosion, no trees	Undiff. heather moor: no rock, burning, no trees
526	0.3	N.S	Wet heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
528	2.0	N.S	Undiff. smooth grass.: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
530	2.4	N.S	Undiff. smooth grass.: rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
532	N.S	N.S	Dry heather moor: no rock, burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
533	0.3	N.S	Smooth grass/low scrub: no rock, trees	Undiff. bracken: no rock, trees
534	0.1	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. low scrub
543	0.2	N.S	Undiff. Nardus/Molinia: rock, no trees	Smooth grass/rushes: no rock, no trees
553	6.1	0.1	Undiff. Nardus/Molinia: rock, no trees	Undiff. bracken: rock, no trees
554	0.7	N.S	Smooth grass/low scrub: rock, no trees	Smooth grass/rushes: no rock, no trees
555	N.S	N.S	Smooth grass/low scrub: rock, trees	Imp. pasture: rock, no farms, no trees
557	2.7	N.S	Undiff. bracken: rock, no trees	Undiff. smooth grass.: rock, no trees
558	0.9	N.S	Undiff. bracken: no rock, no trees	Smooth grass/rushes: no rock, no trees
559	0.2	N.S	Undiff. bracken: no rock, trees	Smooth grass/rushes: no rock, trees
560	16.3	0.3	Undiff. bracken: rock, no trees	Undiff. Nardus/Molinia: rock, no trees
561	4.3	0.1	Undiff. bracken: no rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
564	26.4	0.4	Undiff. Nardus/Molinia: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
570	3.6	0.1	Undiff. smooth grass.: rock, no trees	Imp. pasture: rock, no farms, no trees
571	4.1	0.1	Undiff. smooth grass.: rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
572	0.1	N.S	Smooth grass/rushes: no rock, no trees	Imp. pasture: rock, no farms, no trees
573	16.1	0.2	Wet heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: rock, no trees
579	3.2	N.S	Undiff. Nardus/Molinia: no rock, no trees	Undiff. smooth grass.: rock, no trees

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Table 4.0.3 Total audit of land cover features in Dumfries & Galloway Region in which all mosaics are sep. identified (continued).

code	area	%	primary feature	secondary feature
584	1.9	N.S	Undiff. bracken: rock, no trees	Undiff. low scrub
585	0.2	N.S	Undiff. bracken: rock, no trees	Smooth grass/low scrub: rock, no trees
586	0.3	N.S	Smooth grass/rushes: no rock, no trees	Undiff. bracken: no rock, no trees
587	0.1	N.S	Undiff. heather moor: rock, no burning, no trees	Undiff. bracken: rock, trees
588	0.9	N.S	Undiff. bracken: rock, trees	Undiff. smooth grass.: rock, trees
589	0.1	N.S	Smooth grass/rushes: no rock, no trees	Undiff. bracken: rock, no trees
590	0.2	N.S	Smooth grass/low scrub: no rock, trees	Smooth grass/rushes: no rock, no trees
591	0.1	N.S	Undiff. smooth grass.: rock, trees	Smooth grass/low scrub: rock, trees
592	0.8	N.S	Undiff. Nardus/Molinia: no rock, no trees	Undiff. bracken: no rock, no trees
593	7.9	0.1	Undiff. bracken: no rock, no trees	Undiff. smooth grass.: no rock, no trees
596	0.7	N.S	Blanket bog/peat. veg.: no erosion, no trees	Blanket bog/peat. veg.: erosion, no trees
601	1.3	N.S	Imp. pasture: rock, no farms, no trees	Undiff. Nardus/Molinia: no rock, no trees
604	1.9	N.S	Undiff. heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: rock, trees
605	0.8	N.S	Imp. pasture: rock, no farms, no trees	Smooth grass/low scrub: rock, no trees
606	0.3	N.S	Smooth grass/rushes: rock, no trees	Imp. pasture: rock, no farms, no trees
615	0.3	N.S	Imp. pasture: rock, no farms, trees	Blanket bog/peat. veg.: no erosion, no trees
616	2.0	N.S	Imp. pasture: rock, no farms, no trees	Wetlands: no drains, no trees
617	0.7	N.S	Smooth grass/low scrub: rock, no trees	Wetlands: no drains, no trees
618	0.1	N.S	Built-up (area)	Smooth grass/low scrub: rock, no trees
619	0.2	N.S	Blanket bog/peat. veg.: no erosion, no trees	Smooth grass/low scrub: rock, no trees
621	0.1	N.S	Undiff. bracken: rock, trees	Blanket bog/peat. veg.: no erosion, trees
622	0.4	N.S	Undiff. bracken: rock, trees	Blanket bog/peat. veg.: no erosion, no trees
624	0.7	N.S	Undiff. smooth grass.: rock, no trees	Wetlands: no drains, no trees
631	1.2	N.S	Undiff. smooth grass.: no rock, no trees	Dry heather moor: no rock, no burning, no trees
633	0.1	N.S	Undiff. smooth grass.: rock, trees	Blanket bog/peat. veg.: no erosion, no trees
634	0.3	N.S	Blanket bog/peat. veg.: erosion, no trees	Undiff. heather moor: rock, no burning, no trees
637	2.4	N.S	Imp. pasture: rock, no farms, no trees	Smooth grass/rushes: rock, no trees
645	0.4	N.S	Undiff. bracken: no rock, no trees	Smooth grass/low scrub: no rock, no trees
668	4.4	0.1	Undiff. Nardus/Molinia: no rock, no trees	Imp. pasture: no rock, no farms, no trees
677	0.5	N.S	Undiff. smooth grass.: no rock, trees	Undiff. Nardus/Molinia: no rock, no trees
682	0.2	N.S	Imp. pasture: no rock, no farms, trees	Undiff. low scrub
683	0.7	N.S	Smooth grass/low scrub: rock, trees	Undiff. bracken: rock, trees
688	0.1	N.S	Blanket bog/peat. veg.: no erosion, no trees	Imp. pasture: no rock, no farms, no trees
689	2.7	N.S	Blanket bog/peat. veg.: erosion, no trees	Blanket bog/peat. veg.: no erosion, no trees
691	0.4	N.S	Smooth grass/low scrub: rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
697	0.1	N.S	Smooth grass/rushes: no rock, no trees	Wetlands: no drains, no trees
708	0.3	N.S	Undiff. bracken: no rock, no trees	Dry heather moor: no rock, burning, no trees
712	0.2	N.S	Smooth grass/low scrub: no rock, trees	Undiff. broadleaved (area)
727	2.4	N.S	Blanket bog/peat. veg.: no erosion, no trees	Undiff. smooth grass.: no rock, no trees
729	0.3	N.S	Undiff. smooth grass.: no rock, no trees	Dry heather moor: no rock, burning, no trees
740	0.2	N.S	Undiff. heather moor: rock, no burning, trees	Undiff. Nardus/Molinia: rock, trees
751	0.5	N.S	Undiff. broadleaved (area)	Undiff. smooth grass.: no rock, no trees
757	0.4	N.S	Undiff. Nardus/Molinia: rock, trees	Undiff. smooth grass.: rock, trees
758	0.1	N.S	Undiff. smooth grass.: no rock, no trees	Blanket bog/peat. veg.: no erosion, trees
759	0.1	N.S	Undiff. smooth grass.: rock, trees	Smooth grass/rushes: no rock, no trees
762	2.5	N.S	Undiff. Nardus/Molinia: no rock, no trees	Dry heather moor: no rock, no burning, no trees
793	0.8	N.S	Imp. pasture: no rock, no farms, no trees	Links area: grass
801	N.S	N.S	Smooth grass/low scrub: no rock, trees	Smooth grass/rushes: no rock, trees
803	0.6	N.S	Smooth grass/rushes: rock, no trees	Undiff. smooth grass.: rock, no trees
809	0.2	N.S	Undiff. heather moor: no rock, no burning, no trees	Undiff. low scrub

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Table 4.0.3 Total audit of land cover features in Dumfries & Galloway Region in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
824	0.4	N.S	Imp. pasture: no rock, farms, no trees	Undiff. smooth grass.: rock, no trees
831	2.2	N.S	Undiff. smooth grass.: rock, trees	Undiff. Nardus/Molinia: rock, trees
837	0.1	N.S	Undiff. bracken: rock, trees	Undiff. Nardus/Molinia: rock, no trees
838	1.2	N.S	Undiff. bracken: rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
839	0.3	N.S	Undiff. bracken: rock, trees	Undiff. low scrub
844	0.3	N.S	Dry heather moor: no rock, burning, no trees	Undiff. bracken: no rock, no trees
855	0.3	N.S	Smooth grass/rushes: no rock, no trees	Undiff. smooth grass.: rock, no trees
856	0.3	N.S	Undiff. Nardus/Molinia: no rock, no trees	Undiff. low scrub
861	0.7	N.S	Undiff. bracken: no rock, no trees	Undiff. low scrub
862	0.4	N.S	Undiff. smooth grass.: rock, no trees	Undiff. low scrub
863	0.1	N.S	Smooth grass/low scrub: rock, no trees	Undiff. low scrub
865	0.2	N.S	Undiff. smooth grass.: rock, trees	Undiff. low scrub
866	N.S	N.S	Wetlands: no drains, trees	Undiff. smooth grass.: no rock, trees
867	0.2	N.S	Undiff. smooth grass.: rock, trees	Wetlands: no drains, trees
868	1.3	N.S	Wetlands: no drains, no trees	Undiff. smooth grass.: no rock, no trees
882	0.4	N.S	Blanket bog/peat. veg.: no erosion, no trees	Undiff. smooth grass.: rock, trees
908	N.S	N.S	Recently felled forestry	Undiff. low scrub
909	1.2	N.S	Undiff. heather moor: rock, burning, no trees	Undiff. Nardus/Molinia: rock, no trees
911	0.6	N.S	Blanket bog/peat. veg.: other peat workings	Undiff. smooth grass.: rock, no trees
914	1.8	N.S	Undiff. Nardus/Molinia: rock, no trees	Imp. pasture: rock, no farms, no trees
915	0.2	N.S	Undiff. Nardus/Molinia: no rock, no trees	Undiff. Nardus/Molinia: rock, no trees
942	2.4	N.S	Rock and cliffs (area)	Undiff. Nardus/Molinia: rock, no trees
955	0.7	N.S	Imp. pasture: no rock, no farms, no trees	Wetlands: no drains, no trees
956	N.S	N.S	Dry heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
957	0.3	N.S	Imp. pasture: rock, no farms, trees	Smooth grass/rushes: no rock, trees
1002	0.1	N.S	Coniferous plantation (area)	Undiff. heather moor: rock, no burning, no trees
1007	1.8	N.S	Undiff. heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: rock, no trees
1018	2.6	N.S	Imp. pasture: rock, no farms, no trees	Undiff. Nardus/Molinia: rock, no trees
1019	0.1	N.S	Imp. pasture: rock, no farms, no trees	Undiff. bracken: rock, no trees
1020	0.1	N.S	Smooth grass/rushes: no rock, trees	Smooth grass/rushes: no rock, no trees
1021	2.1	N.S	Undiff. bracken: rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
1022	0.3	N.S	Undiff. smooth grass.: rock, trees	Blanket bog/peat. veg.: no erosion, trees
1033	0.1	N.S	Undiff. Nardus/Molinia: rock, no trees	Wet heather moor: no rock, no burning, no trees
1044	0.7	N.S	Undiff. Nardus/Molinia: no rock, no trees	Imp. pasture: rock, no farms, no trees
1045	0.3	N.S	Undiff. Nardus/Molinia: no rock, no trees	Undiff. bracken: rock, no trees
1046	0.2	N.S	Smooth grass/low scrub: rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
1047	1.4	N.S	Undiff. smooth grass.: no rock, trees	Undiff. Nardus/Molinia: no rock, trees
1048	0.6	N.S	Smooth grass/low scrub: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
1049	0.1	N.S	Smooth grass/low scrub: no rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
1050	0.3	N.S	Blanket bog/peat. veg.: no erosion, no trees	Undiff. bracken: rock, no trees
1052	0.2	N.S	Blanket bog/peat. veg.: no erosion, no trees	Coniferous semi-natural (point)
1053	0.3	N.S	Undiff. smooth grass.: rock, no trees	Bings and refuse tips (area)
1060	1.7	N.S	Undiff. Nardus/Molinia: rock, no trees	Smooth grass/rushes: rock, no trees
1062	0.8	N.S	Recent ploughing for forestry	Dry heather moor: rock, no burning, no trees
1063	1.5	N.S	Open canopy (young plantation)	Dry heather moor: rock, no burning, no trees
1064	0.3	N.S	Undiff. smooth grass.: rock, trees	Smooth grass/rushes: rock, no trees
1065	0.1	N.S	Blanket bog/peat. veg.: no erosion, no trees	Undiff. bracken: no rock, no trees
1069	0.6	N.S	Blanket bog/peat. veg.: other peat workings	Undiff. Nardus/Molinia: rock, no trees
1075	0.2	N.S	Blanket bog/peat. veg.: other peat workings	Smooth grass/low scrub: rock, trees
1093	0.4	N.S	Open canopy (young plantation)	Dry heather moor: no rock, no burning, no trees

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Table 4.0.3 Total audit of land cover features in Dumfries & Galloway Region in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
1100	0.6	N.S	Smooth grass/rushes: no rock, trees	Undiff. smooth grass.: no rock, trees
1138	0.2	N.S	Undiff. smooth grass.: no rock, trees	Imp. pasture: no rock, no farms, trees
1147	0.3	N.S	Undiff. smooth grass.: no rock, trees	Imp. pasture: rock, no farms, no trees
1180	1.4	N.S	Recent ploughing for forestry	Undiff. smooth grass.: no rock, no trees
1191	3.5	0.1	Recently felled forestry	Open canopy (young plantation)
1234	0.1	N.S	Coniferous plantation (area)	Undiff. Nardus/Molinia: no rock, no trees
1253	0.5	N.S	Undiff. bracken: rock, no trees	Smooth grass/rushes: no rock, no trees
1271	0.8	N.S	Undiff. heather moor: no rock, burning, no trees	Undiff. Nardus/Molinia: rock, no trees
1277	0.2	N.S	Undiff. Nardus/Molinia: rock, no trees	Undiff. heather moor: no rock, burning, no trees
1278	0.4	N.S	Undiff. smooth grass.: no rock, no trees	Rock and cliffs (area)
1302	0.3	N.S	Undiff. heather moor: no rock, burning, no trees	Undiff. bracken: no rock, no trees
1306	0.9	N.S	Undiff. Nardus/Molinia: no rock, trees	Imp. pasture: no rock, no farms, trees
1310	0.3	N.S	Undiff. Nardus/Molinia: no rock, no trees	Undiff. smooth grass.: no rock, trees
1311	0.3	N.S	Dry heather moor: no rock, burning, no trees	Undiff. Nardus/Molinia: rock, no trees
1322	0.1	N.S	Quarries and opencast (area)	Blanket bog/peat. veg.: no erosion, no trees
1323	0.1	N.S	Undiff. bracken: no rock, trees	Smooth grass/rushes: no rock, no trees
1339	0.1	N.S	Dry heather moor: no rock, burning, no trees	Dry heather moor: no rock, no burning, no trees
1340	0.6	N.S	Undiff. bracken: no rock, trees	Undiff. low scrub
1348	0.1	N.S	Imp. pasture: rock, no farms, trees	Undiff. Nardus/Molinia: no rock, trees
1363	0.1	N.S	Undiff. bracken: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
1372	N.S	N.S	Imp. pasture: rock, no farms, no trees	Smooth grass/low scrub: no rock, no trees
1387	N.S	N.S	Undiff. heather moor: rock, burning, no trees	Undiff. bracken: rock, no trees
1395	N.S	N.S	Undiff. bracken: rock, no trees	Smooth grass/low scrub: rock, trees
1475	0.1	N.S	Blanket bog/peat. veg.: no erosion, trees	Undiff. smooth grass.: rock, trees
1476	0.2	N.S	Undiff. smooth grass.: rock, no trees	Undiff. Nardus/Molinia: rock, trees
1477	0.1	N.S	Imp. pasture: rock, no farms, trees	Smooth grass/rushes: no rock, no trees
TOTAL	6477.6	100.0		

Cover types		single feature		features in mosaics	
		area	%	primary	secondary
Open countryside					
A	Arable	74.0	4.7	0	0
B	Improved grassland	473.5	30.2	44.0	2.8
C	Good rough grassland	75.7	4.8	17.4	39.5
D	Poor rough grassland	238.4	15.2	31.4	127.2
E	Bracken	0.4	N.S	0	0.8
F	Heather moorland	24.9	1.6	82.3	7.8
G	Peatland	40.5	2.6	2.7	2.9
H	Montane	11.5	0.7	0	0
I	Rock and cliffs	0.4	N.S	2.4	0.4
Woodland					
J	Felled woodland	9.0	0.6	3.5	0
K	Recent planting	79.8	5.1	1.4	3.5
L	Coniferous plantation	293.6	18.7	0	0
M	Semi-natural coniferous	0	0	0	0
N	Mixed woodland	15.6	1.0	0.5	0
O	Broadleaved	9.9	0.6	0	0.2
P	Scrub	0.8	0.1	0	0
Wet ground					
Q	Fresh waters	4.3	0.3	0	0
R	Marshes	3.0	0.2	0	0.4
S	Saltmarshes	2.6	0.2	0	0
T	Dunes	N.S	N.S	0	0
U	Tidal waters	0.2	N.S	0	0
Developed					
V	Rural development	11.3	0.7	0	0
W	Urban	10.4	0.7	0	0
Other					
X	Missing photography/obscured land	0	0	0	0
SUBTOTAL		1380.0	88.1		
Y	Mosaics of types above	185.7	11.9	185.7	185.7
DISTRICT TOTAL		1565.7	100.0		

Nationally significant mosaics			area	%
FG	Heather moorland	Peatland	0	0
DF	Poor rough grassland	Heather moorland	90.2	5.8
CF	Good rough grassland	Heather moorland	0	0
GH	Peatland	Montane	0	0
CD	Good rough grassland	Poor rough grassland	31.2	2.0
BC	Improved grassland	Good rough grassland	11.7	0.7
CE	Good rough grassland	Bracken	0.8	N.S
DG	Poor rough grassland	Peatland	0	0
FH	Heather moorland	Montane	0	0
SUBTOTAL			133.9	8.6
Locally significant mosaics			area	%
BD	Improved grassland	Poor rough grassland	34.8	2.2
JK	Felled woodland	Recent planting	3.5	0.2
DI	Poor rough grassland	Rock and cliffs	2.4	0.2
CK	Good rough grassland	Recent planting	1.4	0.1
CN	Good rough grassland	Mixed woodland	0.5	N.S
SUBTOTAL			42.6	2.7
Remaining mosaics			9.2	0.6
MOSAICS OF SUMMARY COVER TYPES			185.7	11.9

Table 4.1.1

Annandale & Eskdale District

Land cover summary categories

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not match the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05. Please refer to Figure 6.2 for guidance in the interpretation of this table.

Table 4.1.2 Total audit of land cover features in Annandale & Eskdale District in which all mosaics are allocated according to primary or secondary feature.

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05 sq km. Please refer to Figure 6.3 for guidance in the interpretation of this table.

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
3	7.1	0	0	Factory
5	1.4	0	0	Golf course
6	0.2	0	0	Cemeteries
7	0.7	0	0	Recreational land
10	0.4	2.4	0.4	Rock and cliffs (area)
12	1.5	0	0	Quarries and opencast (area)
18	4.3	0	0	Water (area)
20	10.4	0	0	Built-up (area)
21	0.4	0	0	Transport features, road
24	0.2	0	0	Estuary
70	293.6	0	0	Coniferous plantation (area)
76	9.9	0	0.2	Undiff. broadleaved (area)
79	15.6	0.5	0	Undiff. mixed woodland (area)
82	0.8	0	0	Undiff. low scrub
83	49.1	1.4	0	Recent ploughing for forestry
84	9.0	3.5	0	Recently felled forestry
85	30.7	0	3.5	Open canopy (young plantation)
87	0.1	0	0	Recent 'ripping' for forestry
90	462.2	43.7	2.7	Imp. pasture: no rock, no farms, no trees
91	6.8	0	0	Imp. pasture: no rock, no farms, trees
92	2.7	0	0	Imp. pasture: no rock, farms, no trees
94	1.9	0.4	0.2	Imp. pasture: rock, no farms, no trees
100	74.0	0	0	Arable: no rock, no farms, no trees
110	0.7	1.1	0	Dry heather moor: no rock, no burning, no trees
120	0	0	N.S	Wet heather moor: no rock, no burning, no trees
130	8.5	66.8	7.0	Undiff. heather moor: no rock, no burning, no trees
132	12.6	14.5	0	Undiff. heather moor: no rock, burning, no trees
134	3.1	0	0.9	Undiff. heather moor: rock, no burning, no trees
140	226.2	30.5	122.8	Undiff. Nardus/Molinia: no rock, no trees
141	2.3	0	0	Undiff. Nardus/Molinia: no rock, trees
142	9.8	1.0	4.5	Undiff. Nardus/Molinia: rock, no trees
150	9.9	8.2	16.7	Smooth grass/rushes: no rock, no trees
151	0.6	0.1	0	Smooth grass/rushes: no rock, trees
155	0.9	0	0	Smooth grass/low scrub: no rock, no trees
156	1.4	0.2	0	Smooth grass/low scrub: no rock, trees
157	N.S	0.3	0	Smooth grass/low scrub: rock, no trees
160	49.4	6.8	20.5	Undiff. smooth grass.: no rock, no trees
161	9.3	0	0.6	Undiff. smooth grass.: no rock, trees
162	4.0	1.4	1.7	Undiff. smooth grass.: rock, no trees
163	0.1	0.4	0	Undiff. smooth grass.: rock, trees
170	0.2	0	0	Undiff. bracken: no rock, no trees
171	0.1	0	0	Undiff. bracken: no rock, trees
172	0.1	0	0.4	Undiff. bracken: rock, no trees
173	N.S	0	0.4	Undiff. bracken: rock, trees

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Table 4.1.2 Total audit of land cover features in Annandale & Eskdale District in which all mosaics are allocated according to primary or secondary feature(continued).

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05 sq km. Please refer to Figure 6.3 for guidance in the interpretation of this table.

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
180	25.0	2.7	0	Blanket bog/peat. veg.: erosion, no trees
182	12.4	0	2.9	Blanket bog/peat. veg.: no erosion, no trees
183	1.2	0	0	Blanket bog/peat. veg.: no erosion, trees
185	1.5	0	0	Blanket bog/peat. veg.: industrial peat workings
186	0.5	0	0	Blanket bog/peat. veg.: other peat workings
190	2.6	0	0	Undiff. salt marsh: no trees
200	2.2	0	0.4	Wetlands: no drains, no trees
202	0.8	0	0	Wetlands: no drains, trees
212	N.S	0	0	Links area: grass
222	0.2	0	0	Undiff. montane veg.: rock
223	11.3	0	0	Undiff. montane veg.: no rock
TOTAL	1380.0	185.7	185.7	

Table 4.1.3 Total audit of land cover features in Annandale & Eskdale District in which all mosaics are separately identified.

All areas are expressed in square kilometres to 1 decimal place; all percentages are expressed as % of the total area; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05

code	area	%	description
3	7.1	0.5	Factory
5	1.4	0.1	Golf course
6	0.2	N.S	Cemeteries
7	0.7	N.S	Recreational land
10	0.4	N.S	Rock and cliffs (area)
12	1.5	0.1	Quarries and opencast (area)
18	4.3	0.3	Water (area)
20	10.4	0.7	Built-up (area)
21	0.4	N.S	Transport features, road
24	0.2	N.S	Estuary
70	293.6	18.7	Coniferous plantation (area)
76	9.9	0.6	Undiff. broadleaved (area)
79	15.6	1.0	Undiff. mixed woodland (area)
82	0.8	0.1	Undiff. low scrub
83	49.1	3.1	Recent ploughing for forestry
84	9.0	0.6	Recently felled forestry
85	30.7	2.0	Open canopy (young plantation)
87	0.1	N.S	Recent 'ripping' for forestry
90	462.2	29.5	Imp. pasture: no rock, no farms, no trees
91	6.8	0.4	Imp. pasture: no rock, no farms, trees
92	2.7	0.2	Imp. pasture: no rock, farms, no trees
94	1.9	0.1	Imp. pasture: rock, no farms, no trees

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Table 4.1.3 Total audit of land cover features in Annandale & Eskdale District in which all mosaics are separately identified (continued).

All areas are expressed in square kilometres to 1 decimal place; all percentages are expressed as % of the total area; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05

code	area	%	description	
100	74.0	4.7	Arable: no rock, no farms, no trees	
110	0.7	N.S	Dry heather moor: no rock, no burning, no trees	
130	8.5	0.5	Undiff. heather moor: no rock, no burning, no trees	
132	12.6	0.8	Undiff. heather moor: no rock, burning, no trees	
134	3.1	0.2	Undiff. heather moor: rock, no burning, no trees	
140	226.2	14.4	Undiff. Nardus/Molinia: no rock, no trees	
141	2.3	0.1	Undiff. Nardus/Molinia: no rock, trees	
142	9.8	0.6	Undiff. Nardus/Molinia: rock, no trees	
150	9.9	0.6	Smooth grass/rushes: no rock, no trees	
151	0.6	N.S	Smooth grass/rushes: no rock, trees	
155	0.9	0.1	Smooth grass/low scrub: no rock, no trees	
156	1.4	0.1	Smooth grass/low scrub: no rock, trees	
157	N.S	N.S	Smooth grass/low scrub: rock, no trees	
160	49.4	3.2	Undiff. smooth grass.: no rock, no trees	
161	9.3	0.6	Undiff. smooth grass.: no rock, trees	
162	4.0	0.3	Undiff. smooth grass.: rock, no trees	
163	0.1	N.S	Undiff. smooth grass.: rock, trees	
170	0.2	N.S	Undiff. bracken: no rock, no trees	
171	0.1	N.S	Undiff. bracken: no rock, trees	
172	0.1	N.S	Undiff. bracken: rock, no trees	
173	N.S	N.S	Undiff. bracken: rock, trees	
180	25.0	1.6	Blanket bog/peat. veg.: erosion, no trees	
182	12.4	0.8	Blanket bog/peat. veg.: no erosion, no trees	
183	1.2	0.1	Blanket bog/peat. veg.: no erosion, trees	
185	1.5	0.1	Blanket bog/peat. veg.: industrial peat workings	
186	0.5	N.S	Blanket bog/peat. veg.: other peat workings	
190	2.6	0.2	Undiff. salt marsh: no trees	
200	2.2	0.1	Wetlands: no drains, no trees	
202	0.8	0.1	Wetlands: no drains, trees	
212	N.S	N.S	Links area: grass	
222	0.2	N.S	Undiff. montane veg.: rock	
223	11.3	0.7	Undiff. montane veg.: no rock	
code	area	%	primary feature	secondary feature
328	34.8	2.2	Imp. pasture: no rock, no farms, no trees	Undiff. Nardus/Molinia: no rock, no trees
353	4.4	0.3	Imp. pasture: no rock, no farms, no trees	Smooth grass/rushes: no rock, no trees
356	3.2	0.2	Undiff. smooth grass.: no rock, no trees	Smooth grass/rushes: no rock, no trees
390	4.2	0.3	Imp. pasture: no rock, no farms, no trees	Undiff. smooth grass.: no rock, no trees
399	2.7	0.2	Smooth grass/rushes: no rock, no trees	Imp. pasture: no rock, no farms, no trees
401	0.1	N.S	Undiff. smooth grass.: rock, no trees	Undiff. bracken: rock, no trees
402	3.3	0.2	Smooth grass/rushes: no rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
416	9.1	0.6	Undiff. Nardus/Molinia: no rock, no trees	Smooth grass/rushes: no rock, no trees
421	3.2	0.2	Undiff. smooth grass.: no rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
424	0.2	N.S	Undiff. smooth grass.: rock, no trees	Undiff. Nardus/Molinia: rock, no trees
426	1.9	0.1	Smooth grass/rushes: no rock, no trees	Undiff. smooth grass.: no rock, no trees
442	65.0	4.2	Undiff. heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
443	14.5	0.9	Undiff. heather moor: no rock, burning, no trees	Undiff. Nardus/Molinia: no rock, no trees

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Table 4.1.3 Total audit of land cover features in Annandale & Eskdale District in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
444	13.1	0.8	Undiff. Nardus/Molinia: no rock, no trees	Undiff. smooth grass.: no rock, no trees
457	0.4	N.S	Undiff. smooth grass.: rock, trees	Undiff. bracken: rock, trees
459	0.5	N.S	Undiff. mixed woodland (area)	Undiff. smooth grass.: no rock, trees
485	N.S	N.S	Undiff. Nardus/Molinia: no rock, no trees	Wet heather moor: no rock, no burning, no trees
486	1.1	0.1	Dry heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
494	0.9	0.1	Undiff. Nardus/Molinia: rock, no trees	Undiff. heather moor: rock, no burning, no trees
499	0.4	N.S	Imp. pasture: rock, no farms, no trees	Undiff. smooth grass.: rock, no trees
503	0.1	N.S	Undiff. Nardus/Molinia: rock, no trees	Undiff. smooth grass.: rock, no trees
505	0.3	N.S	Smooth grass/low scrub: rock, no trees	Undiff. bracken: rock, no trees
524	0.2	N.S	Smooth grass/rushes: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
530	0.9	0.1	Undiff. smooth grass.: rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
564	7.0	0.4	Undiff. Nardus/Molinia: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
570	0.2	N.S	Undiff. smooth grass.: rock, no trees	Imp. pasture: rock, no farms, no trees
579	1.3	0.1	Undiff. Nardus/Molinia: no rock, no trees	Undiff. smooth grass.: rock, no trees
689	2.7	0.2	Blanket bog/peat. veg.: erosion, no trees	Blanket bog/peat. veg.: no erosion, no trees
697	0.1	N.S	Smooth grass/rushes: no rock, no trees	Wetlands: no drains, no trees
712	0.2	N.S	Smooth grass/low scrub: no rock, trees	Undiff. broadleaved (area)
942	2.4	0.2	Rock and cliffs (area)	Undiff. Nardus/Molinia: rock, no trees
955	0.3	N.S	Imp. pasture: no rock, no farms, no trees	Wetlands: no drains, no trees
1007	1.8	0.1	Undiff. heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: rock, no trees
1100	0.1	N.S	Smooth grass/rushes: no rock, trees	Undiff. smooth grass.: no rock, trees
1180	1.4	0.1	Recent ploughing for forestry	Undiff. smooth grass.: no rock, no trees
1191	3.5	0.2	Recently felled forestry	Open canopy (young plantation)
1278	0.4	N.S	Undiff. smooth grass.: no rock, no trees	Rock and cliffs (area)
TOTAL	1565.7	100.0		

Cover types		single feature		features in mosaics	
		area	%	primary	secondary
Open countryside					
A	Arable	150.6	10.4	0	0
B	Improved grassland	387.5	26.8	22.9	4.6
C	Good rough grassland	96.3	6.7	71.9	105.2
D	Poor rough grassland	127.7	8.8	77.9	84.4
E	Bracken	17.2	1.2	14.1	4.9
F	Heather moorland	43.9	3.0	36.4	21.5
G	Peatland	28.4	2.0	8.8	10.2
H	Montane	5.3	0.4	0	0
I	Rock and cliffs	0	0	0	0
Woodland					
J	Felled woodland	11.7	0.8	0	0
K	Recent planting	65.0	4.5	0	0
L	Coniferous plantation	187.4	13.0	0.1	0
M	Semi-natural coniferous	0	0	0	0
N	Mixed woodland	17.1	1.2	0.1	0
O	Broadleaved	21.1	1.5	0.5	0
P	Scrub	1.1	0.1	0	2.0
Wet ground					
Q	Fresh waters	3.7	0.3	0	0
R	Marshes	5.8	0.4	0	0.2
S	Saltmarshes	12.5	0.9	0	0
T	Dunes	1.8	0.1	0.1	0
U	Tidal waters	1.6	0.1	0	0
Developed					
V	Rural development	8.4	0.6	0.1	0
W	Urban	17.8	1.2	0	0
Other					
X	Missing photography/obscured land	0	0	0	0
SUBTOTAL		1211.9	83.9		
Y	Mosaics of types above	233.0	16.1	233.0	233.0
DISTRICT TOTAL		1444.9	100.0		

Nationally significant mosaics				area	%
FG	Heather moorland	Peatland		1.8	0.1
DF	Poor rough grassland	Heather moorland		48.6	3.4
CF	Good rough grassland	Heather moorland		4.6	0.3
GH	Peatland	Montane		0	0
CD	Good rough grassland	Poor rough grassland		89.8	6.2
BC	Improved grassland	Good rough grassland		21.4	1.5
CE	Good rough grassland	Bracken		11.5	0.8
DG	Poor rough grassland	Peatland		14.5	1.0
FH	Heather moorland	Montane		0	0
SUBTOTAL				192.1	13.3
Locally significant mosaics				area	%
BD	Improved grassland	Poor rough grassland		5.7	0.4
DE	Poor rough grassland	Bracken		3.7	0.3
EF	Bracken	Heather moorland		2.6	0.2
EP	Bracken	Scrub		1.2	0.1
CG	Good rough grassland	Peatland		1.2	0.1
SUBTOTAL				14.3	1.0
Remaining mosaics				26.6	1.8
MOSAICS OF SUMMARY COVER TYPES				233.0	16.1

Table 4.2.1

Nithsdale District

Land cover summary categories

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not match the totals of the columns due to rounding error discrepancies; 0 = not present; N.S. = not significant = < 0.05. Please refer to Figure 6.2 for guidance in the interpretation of this table.

Table 4.2.2 Total audit of land cover features in Nithsdale District in which all mosaics are allocated according to primary or secondary feature.

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05 sq km. Please refer to Figure 6.3 for guidance in the interpretation of this table.

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
3	1.1	0	0	Factory
4	0.5	0	0	Airfield
5	2.5	0	0	Golf course
6	N.S	0	0	Cemeteries
7	0.7	0	0	Recreational land
12	2.7	0.1	0	Quarries and opencast (area)
14	0.8	0	0	Bings and refuse tips (area)
18	3.7	0	0	Water (area)
20	17.8	0	0	Built-up (area)
21	0.1	0	0	Transport features, road
24	1.6	0	0	Estuary
28	N.S	0	0	Ski tows
70	187.4	0.1	0	Coniferous plantation (area)
76	21.1	0.5	0	Undiff. broadleaved (area)
79	17.1	0.1	0	Undiff. mixed woodland (area)
82	1.1	0	2.0	Undiff. low scrub
83	17.9	0	0	Recent ploughing for forestry
84	11.7	0	0	Recently felled forestry
85	43.7	0	0	Open canopy (young plantation)
87	3.4	0	0	Recent 'ripping' for forestry
90	368.9	19.8	3.2	Imp. pasture: no rock, no farms, no trees
91	8.0	0.5	0	Imp. pasture: no rock, no farms, trees
92	0.1	0.4	0	Imp. pasture: no rock, farms, no trees
94	10.2	2.1	1.4	Imp. pasture: rock, no farms, no trees
95	0.2	0	0	Imp. pasture: rock, no farms, trees
96	0.1	0	0	Imp. pasture: rock, farms, no trees
100	150.0	0	0	Arable: no rock, no farms, no trees
101	0.6	0	0	Arable: no rock, no farms, trees
110	2.3	2.7	3.8	Dry heather moor: no rock, no burning, no trees
112	31.3	0.6	0.6	Dry heather moor: no rock, burning, no trees
120	0.3	2.6	3.3	Wet heather moor: no rock, no burning, no trees
124	0	0	0.1	Wet heather moor: rock, no burning, no trees
130	1.3	18.1	11.4	Undiff. heather moor: no rock, no burning, no trees
132	8.1	3.3	0.4	Undiff. heather moor: no rock, burning, no trees
134	0.6	9.1	2.0	Undiff. heather moor: rock, no burning, no trees
140	123.7	71.9	68.3	Undiff. Nardus/Molinia: no rock, no trees
141	N.S	0	0.4	Undiff. Nardus/Molinia: no rock, trees
142	3.9	6.0	15.7	Undiff. Nardus/Molinia: rock, no trees
143	N.S	0	0	Undiff. Nardus/Molinia: rock, trees
150	22.7	20.0	53.6	Smooth grass/rushes: no rock, no trees
151	0.8	0.5	0.7	Smooth grass/rushes: no rock, trees
152	0	0	0.3	Smooth grass/rushes: rock, no trees
155	1.4	0	0.3	Smooth grass/low scrub: no rock, no trees
156	2.3	0.3	0	Smooth grass/low scrub: no rock, trees

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Table 4.2.2 Total audit of land cover features in Nithsdale District in which all mosaics are allocated according to primary or secondary feature (continued).

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
157	1.5	0	0	Smooth grass/low scrub: rock, no trees
158	0.1	0	0	Smooth grass/low scrub: rock, trees
160	50.3	45.3	43.6	Undiff. smooth grass.: no rock, no trees
161	7.8	0.6	0.6	Undiff. smooth grass.: no rock, trees
162	8.9	5.1	6.0	Undiff. smooth grass.: rock, no trees
163	0.6	0.2	0	Undiff. smooth grass.: rock, trees
170	12.7	10.7	3.6	Undiff. bracken: no rock, no trees
171	3.2	0.6	0.3	Undiff. bracken: no rock, trees
172	0.9	2.8	1.0	Undiff. bracken: rock, no trees
173	0.3	0	0	Undiff. bracken: rock, trees
180	7.4	0.7	0.7	Blanket bog/peat. veg.: erosion, no trees
182	19.6	8.1	9.5	Blanket bog/peat. veg.: no erosion, no trees
183	1.0	0	0	Blanket bog/peat. veg.: no erosion, trees
186	0.5	0	0	Blanket bog/peat. veg.: other peat workings
190	12.5	0	0	Undiff. salt marsh: no trees
200	4.6	0	0.2	Wetlands: no drains, no trees
202	1.3	0	0	Wetlands: no drains, trees
210	0.4	0	0	Bare dunes
211	0.3	0	0	Partially stabilized dunes
212	1.1	0.1	0	Links area: grass
223	5.3	0	0	Undiff. montane veg.: no rock
TOTAL	1211.9	233.0	233.0	

Table 4.2.3 Total audit of land cover features in Nithsdale District in which all mosaics are separately identified.

All areas are expressed in square kilometres to 1 decimal place; all percentages are expressed as % of the total area; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05

code	area	%	description
3	1.1	0.1	Factory
4	0.5	N.S	Airfield
5	2.5	0.2	Golf course
6	N.S	N.S	Cemeteries
7	0.7	N.S	Recreational land
12	2.7	0.2	Quarries and opencast (area)
14	0.8	0.1	Bings and refuse tips (area)
18	3.7	0.3	Water (area)
20	17.8	1.2	Built-up (area)
21	0.1	N.S	Transport features, road
24	1.6	0.1	Estuary
28	N.S	N.S	Ski tows
70	187.4	13.0	Coniferous plantation (area)
76	21.1	1.5	Undiff. broadleaved (area)
79	17.1	1.2	Undiff. mixed woodland (area)

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Table 4.2.3 Total audit of land cover features in Nithsdale District in which all mosaics are separately identified (continued).

code	area	%	description
82	1.1	0.1	Undiff. low scrub
83	17.9	1.2	Recent ploughing for forestry
84	11.7	0.8	Recently felled forestry
85	43.7	3.0	Open canopy (young plantation)
87	3.4	0.2	Recent 'ripping' for forestry
90	368.9	25.5	Imp. pasture: no rock, no farms, no trees
91	8.0	0.6	Imp. pasture: no rock, no farms, trees
92	0.1	N.S	Imp. pasture: no rock, farms, no trees
94	10.2	0.7	Imp. pasture: rock, no farms, no trees
95	0.2	N.S	Imp. pasture: rock, no farms, trees
96	0.1	N.S	Imp. pasture: rock, farms, no trees
100	150.0	10.4	Arable: no rock, no farms, no trees
101	0.6	N.S	Arable: no rock, no farms, trees
110	2.3	0.2	Dry heather moor: no rock, no burning, no trees
112	31.3	2.2	Dry heather moor: no rock, burning, no trees
120	0.3	N.S	Wet heather moor: no rock, no burning, no trees
130	1.3	0.1	Undiff. heather moor: no rock, no burning, no trees
132	8.1	0.6	Undiff. heather moor: no rock, burning, no trees
134	0.6	N.S	Undiff. heather moor: rock, no burning, no trees
140	123.7	8.6	Undiff. Nardus/Molinia: no rock, no trees
141	N.S	N.S	Undiff. Nardus/Molinia: no rock, trees
142	3.9	0.3	Undiff. Nardus/Molinia: rock, no trees
143	N.S	N.S	Undiff. Nardus/Molinia: rock, trees
150	22.7	1.6	Smooth grass/rushes: no rock, no trees
151	0.8	0.1	Smooth grass/rushes: no rock, trees
155	1.4	0.1	Smooth grass/low scrub: no rock, no trees
156	2.3	0.2	Smooth grass/low scrub: no rock, trees
157	1.5	0.1	Smooth grass/low scrub: rock, no trees
158	0.1	N.S	Smooth grass/low scrub: rock, trees
160	50.3	3.5	Undiff. smooth grass.: no rock, no trees
161	7.8	0.5	Undiff. smooth grass.: no rock, trees
162	8.9	0.6	Undiff. smooth grass.: rock, no trees
163	0.6	N.S	Undiff. smooth grass.: rock, trees
170	12.7	0.9	Undiff. bracken: no rock, no trees
171	3.2	0.2	Undiff. bracken: no rock, trees
172	0.9	0.1	Undiff. bracken: rock, no trees
173	0.3	N.S	Undiff. bracken: rock, trees
180	7.4	0.5	Blanket bog/peat. veg.: erosion, no trees
182	19.6	1.4	Blanket bog/peat. veg.: no erosion, no trees
183	1.0	0.1	Blanket bog/peat. veg.: no erosion, trees
186	0.5	N.S	Blanket bog/peat. veg.: other peat workings
190	12.5	0.9	Undiff. salt marsh: no trees
200	4.6	0.3	Wetlands: no drains, no trees
202	1.3	0.1	Wetlands: no drains, trees
210	0.4	N.S	Bare dunes
211	0.3	N.S	Partially stabilized dunes
212	1.1	0.1	Links area: grass
223	5.3	0.4	Undiff. montane veg.: no rock

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Table 4.2.3 Total audit of land cover features in Nithsdale District in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
328	4.6	0.3	Imp. pasture: no rock, no farms, no trees	Undiff. Nardus/Molinia: no rock, no trees
332	0.1	N.S	Undiff. smooth grass.: rock, no trees	Wet heather moor: rock, no burning, no trees
353	13.9	1.0	Imp. pasture: no rock, no farms, no trees	Smooth grass/rushes: no rock, no trees
356	15.0	1.0	Undiff. smooth grass.: no rock, no trees	Smooth grass/rushes: no rock, no trees
358	0.3	N.S	Blanket bog/peat. veg.: no erosion, no trees	Wet heather moor: no rock, no burning, no trees
361	0.2	N.S	Wet heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
364	0.4	N.S	Wet heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
365	0.4	N.S	Undiff. bracken: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
366	0.4	N.S	Undiff. heather moor: rock, no burning, no trees	Undiff. bracken: rock, no trees
367	0.1	N.S	Undiff. bracken: rock, no trees	Undiff. heather moor: rock, no burning, no trees
369	0.2	N.S	Undiff. smooth grass.: no rock, no trees	Wet heather moor: no rock, no burning, no trees
374	0.4	N.S	Undiff. heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
376	0.3	N.S	Imp. pasture: rock, no farms, no trees	Undiff. low scrub
382	0.2	N.S	Blanket bog/peat. veg.: no erosion, no trees	Undiff. heather moor: no rock, no burning, no trees
384	0.1	N.S	Blanket bog/peat. veg.: no erosion, no trees	Undiff. heather moor: rock, no burning, no trees
385	0.6	N.S	Undiff. heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
386	0.2	N.S	Smooth grass/rushes: no rock, no trees	Undiff. low scrub
389	0.7	N.S	Dry heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
390	1.1	0.1	Imp. pasture: no rock, no farms, no trees	Undiff. smooth grass.: no rock, no trees
395	0.1	N.S	Smooth grass/rushes: no rock, no trees	Smooth grass/low scrub: no rock, no trees
399	1.7	0.1	Smooth grass/rushes: no rock, no trees	Imp. pasture: no rock, no farms, no trees
400	0.7	N.S	Undiff. smooth grass.: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
401	0.4	N.S	Undiff. smooth grass.: rock, no trees	Undiff. bracken: rock, no trees
402	9.0	0.6	Smooth grass/rushes: no rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
410	1.1	0.1	Undiff. smooth grass.: no rock, no trees	Imp. pasture: no rock, no farms, no trees
414	7.0	0.5	Undiff. Nardus/Molinia: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
415	2.1	0.1	Undiff. smooth grass.: no rock, no trees	Undiff. bracken: no rock, no trees
416	24.1	1.7	Undiff. Nardus/Molinia: no rock, no trees	Smooth grass/rushes: no rock, no trees
421	24.5	1.7	Undiff. smooth grass.: no rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
424	3.2	0.2	Undiff. smooth grass.: rock, no trees	Undiff. Nardus/Molinia: rock, no trees
426	7.9	0.5	Smooth grass/rushes: no rock, no trees	Undiff. smooth grass.: no rock, no trees
427	0.5	N.S	Imp. pasture: no rock, no farms, trees	Smooth grass/rushes: no rock, trees
429	0.3	N.S	Undiff. Nardus/Molinia: rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
434	0.1	N.S	Undiff. smooth grass.: no rock, trees	Undiff. bracken: no rock, trees
438	0.4	N.S	Undiff. heather moor: no rock, burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
442	16.9	1.2	Undiff. heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
443	2.1	0.1	Undiff. heather moor: no rock, burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
444	24.8	1.7	Undiff. Nardus/Molinia: no rock, no trees	Undiff. smooth grass.: no rock, no trees
448	8.7	0.6	Undiff. heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: rock, no trees
449	5.0	0.3	Blanket bog/peat. veg.: no erosion, no trees	Undiff. Nardus/Molinia: no rock, no trees
452	0.2	N.S	Imp. pasture: rock, no farms, no trees	Smooth grass/rushes: no rock, no trees
453	0.1	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. smooth grass.: rock, no trees
458	0.1	N.S	Undiff. smooth grass.: no rock, trees	Smooth grass/rushes: no rock, trees
459	0.1	N.S	Undiff. mixed woodland (area)	Undiff. smooth grass.: no rock, trees
460	1.2	0.1	Dry heather moor: no rock, no burning, no trees	Undiff. bracken: no rock, no trees
466	0.3	N.S	Dry heather moor: no rock, burning, no trees	Undiff. smooth grass.: no rock, no trees
474	0.7	0.1	Blanket bog/peat. veg.: erosion, no trees	Undiff. Nardus/Molinia: no rock, no trees
475	0.2	N.S	Dry heather moor: no rock, no burning, no trees	Smooth grass/rushes: no rock, no trees
485	2.7	0.2	Undiff. Nardus/Molinia: no rock, no trees	Wet heather moor: no rock, no burning, no trees
486	0.6	N.S	Dry heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees

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Table 4.2.3 Total audit of land cover features in Nithsdale District in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
494	1.9	0.1	Undiff. Nardus/Molinia: rock, no trees	Undiff. heather moor: rock, no burning, no trees
497	1.5	0.1	Blanket bog/peat. veg.: no erosion, no trees	Undiff. Nardus/Molinia: rock, no trees
498	0.1	N.S	Links area: grass	Undiff. low scrub
499	0.7	N.S	Imp. pasture: rock, no farms, no trees	Undiff. smooth grass.: rock, no trees
503	3.5	0.2	Undiff. Nardus/Molinia: rock, no trees	Undiff. smooth grass.: rock, no trees
521	2.0	0.1	Wet heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
524	0.8	0.1	Smooth grass/rushes: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
525	0.2	N.S	Blanket bog/peat. veg.: no erosion, no trees	Undiff. heather moor: no rock, burning, no trees
528	0.2	N.S	Undiff. smooth grass.: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
530	0.1	N.S	Undiff. smooth grass.: rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
532	N.S	N.S	Dry heather moor: no rock, burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
533	0.2	N.S	Smooth grass/low scrub: no rock, trees	Undiff. bracken: no rock, trees
534	N.S	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. low scrub
553	0.1	N.S	Undiff. Nardus/Molinia: rock, no trees	Undiff. bracken: rock, no trees
557	1.0	0.1	Undiff. bracken: rock, no trees	Undiff. smooth grass.: rock, no trees
558	0.2	N.S	Undiff. bracken: no rock, no trees	Smooth grass/rushes: no rock, no trees
560	1.6	0.1	Undiff. bracken: rock, no trees	Undiff. Nardus/Molinia: rock, no trees
561	1.8	0.1	Undiff. bracken: no rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
564	10.2	0.7	Undiff. Nardus/Molinia: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
570	1.3	0.1	Undiff. smooth grass.: rock, no trees	Imp. pasture: rock, no farms, no trees
572	0.1	N.S	Smooth grass/rushes: no rock, no trees	Imp. pasture: rock, no farms, no trees
579	0.3	N.S	Undiff. Nardus/Molinia: no rock, no trees	Undiff. smooth grass.: rock, no trees
584	0.1	N.S	Undiff. bracken: rock, no trees	Undiff. low scrub
586	0.1	N.S	Smooth grass/rushes: no rock, no trees	Undiff. bracken: no rock, no trees
592	0.1	N.S	Undiff. Nardus/Molinia: no rock, no trees	Undiff. bracken: no rock, no trees
593	7.2	0.5	Undiff. bracken: no rock, no trees	Undiff. smooth grass.: no rock, no trees
596	0.7	N.S	Blanket bog/peat. veg.: no erosion, no trees	Blanket bog/peat. veg.: erosion, no trees
601	0.8	0.1	Imp. pasture: rock, no farms, no trees	Undiff. Nardus/Molinia: no rock, no trees
631	1.2	0.1	Undiff. smooth grass.: no rock, no trees	Dry heather moor: no rock, no burning, no trees
637	0.1	N.S	Imp. pasture: rock, no farms, no trees	Smooth grass/rushes: rock, no trees
645	0.2	N.S	Undiff. bracken: no rock, no trees	Smooth grass/low scrub: no rock, no trees
668	0.3	N.S	Undiff. Nardus/Molinia: no rock, no trees	Imp. pasture: no rock, no farms, no trees
708	0.3	N.S	Undiff. bracken: no rock, no trees	Dry heather moor: no rock, burning, no trees
727	0.2	N.S	Blanket bog/peat. veg.: no erosion, no trees	Undiff. smooth grass.: no rock, no trees
729	0.3	N.S	Undiff. smooth grass.: no rock, no trees	Dry heather moor: no rock, burning, no trees
751	0.5	N.S	Undiff. broadleaved (area)	Undiff. smooth grass.: no rock, no trees
762	2.5	0.2	Undiff. Nardus/Molinia: no rock, no trees	Dry heather moor: no rock, no burning, no trees
801	N.S	N.S	Smooth grass/low scrub: no rock, trees	Smooth grass/rushes: no rock, trees
809	0.2	N.S	Undiff. heather moor: no rock, no burning, no trees	Undiff. low scrub
824	0.4	N.S	Imp. pasture: no rock, farms, no trees	Undiff. smooth grass.: rock, no trees
844	0.2	N.S	Dry heather moor: no rock, burning, no trees	Undiff. bracken: no rock, no trees
855	N.S	N.S	Smooth grass/rushes: no rock, no trees	Undiff. smooth grass.: rock, no trees
861	0.5	N.S	Undiff. bracken: no rock, no trees	Undiff. low scrub
955	0.2	N.S	Imp. pasture: no rock, no farms, no trees	Wetlands: no drains, no trees
1021	0.1	N.S	Undiff. bracken: rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
1047	0.4	N.S	Undiff. smooth grass.: no rock, trees	Undiff. Nardus/Molinia: no rock, trees
1064	0.2	N.S	Undiff. smooth grass.: rock, trees	Smooth grass/rushes: rock, no trees
1100	0.5	N.S	Smooth grass/rushes: no rock, trees	Undiff. smooth grass.: no rock, trees
1234	0.1	N.S	Coniferous plantation (area)	Undiff. Nardus/Molinia: no rock, no trees
1271	0.8	0.1	Undiff. heather moor: no rock, burning, no trees	Undiff. Nardus/Molinia: rock, no trees

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Table 4.2.3 Total audit of land cover features in Nithsdale District in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
1277	0.2	N.S	Undiff. Nardus/Molinia: rock, no trees	Undiff. heather moor: no rock, burning, no trees
1322	0.1	N.S	Quarries and opencast (area)	Blanket bog/peat. veg.: no erosion, no trees
1323	N.S	N.S	Undiff. bracken: no rock, trees	Smooth grass/rushes: no rock, no trees
1339	0.1	N.S	Dry heather moor: no rock, burning, no trees	Dry heather moor: no rock, no burning, no trees
1340	0.6	N.S	Undiff. bracken: no rock, trees	Undiff. low scrub
1363	0.1	N.S	Undiff. bracken: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
1372	N.S	N.S	Imp. pasture: rock, no farms, no trees	Smooth grass/low scrub: no rock, no trees
TOTAL	1444.9	100.0		

Cover types		single feature	
		area	%
Open countryside			
A	Arable	12.9	0.8
B	Improved grassland	527.3	31.0
C	Good rough grassland	89.2	5.2
D	Poor rough grassland	80.7	4.7
E	Bracken	17.8	1.0
F	Heather moorland	6.8	0.4
G	Peatland	43.1	2.5
H	Montane	11.5	0.7
I	Rock and cliffs	3.9	0.2
Woodland			
J	Felled woodland	16.8	1.0
K	Recent planting	103.6	6.1
L	Coniferous plantation	352.5	20.7
M	Semi-natural coniferous	N.S	N.S
N	Mixed woodland	13.0	0.8
O	Broadleaved	24.8	1.5
P	Scrub	0.7	N.S
Wet ground			
Q	Fresh waters	22.2	1.3
R	Marshes	17.3	1.0
S	Saltmarshes	2.4	0.1
T	Dunes	0.3	N.S
U	Tidal waters	1.2	0.1
Developed			
V	Rural development	4.8	0.3
W	Urban	7.7	0.5
Other			
X	Missing photography/obscured land	1.6	0.1
SUBTOTAL		1362.2	80.1
Y	Mosaics of types above	337.5	19.9
DISTRICT TOTAL		1699.6	100.0

features in mosaics primary secondary	
0	0
53.8	7.8
76.0	127.1
121.7	109.6
11.7	14.8
60.2	29.4
12.3	27.6
0	0
0	0
0.1	0
0	0
0	0.1
0	0
0	0
0	0
0	20.2
0	0
1.6	0.9
0	0
0	0
0	0
0	0
0	0
0	0
337.5	337.5

Nationally significant mosaics				area	%
FG	Heather moorland	Peatland		2.6	0.2
DF	Poor rough grassland	Heather moorland		74.5	4.4
CF	Good rough grassland	Heather moorland		4.8	0.3
GH		Peatland	Montane	0	0
CD	Good rough grassland	Poor rough grassland		110.6	6.5
BC	Improved grassland	Good rough grassland		33.4	2.0
CE	Good rough grassland	Bracken		8.2	0.5
DG	Poor rough grassland	Peatland		30.1	1.8
FH	Heather moorland	Montane		0	0
SUBTOTAL				264.1	15.5
Locally significant mosaics				area	%
BP	Improved grassland	Scrub		17.7	1.0
DE	Poor rough grassland	Bracken		8.9	0.5
EF		Bracken	Heather moorland	7.5	0.4
BD	Improved grassland	Poor rough grassland		7.4	0.4
CG	Good rough grassland	Peatland		4.5	0.3
SUBTOTAL				45.9	2.7
Remaining mosaics				27.5	1.6
MOSAICS OF SUMMARY COVER TYPES				337.5	19.9

Table 4.3.1

Stewartry District

Land cover summary categories

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not match the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05. Please refer to Figure 6.2 for guidance in the interpretation of this table.

Table 4.3.2 Total audit of land cover features in Stewartry District in which all mosaics are allocated according to primary or secondary feature.

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05 sq km. Please refer to Figure 6.3 for guidance in the interpretation of this table.

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
3	1.9	0	0	Factory
5	1.0	0	0	Golf course
6	N.S	0	0	Cemeteries
7	1.1	0	0	Recreational land
10	3.9	0	0	Rock and cliffs (area)
12	0.7	0	0	Quarries and opencast (area)
14	0.1	0	0	Bings and refuse tips (area)
18	22.2	0	0	Water (area)
20	7.7	0	0	Built-up (area)
24	1.2	0	0	Estuary
26	1.5	0	0	Cloud cover
70	352.5	0	0.1	Coniferous plantation (area)
73	N.S	0	0	Coniferous semi-natural (area)
76	24.8	0	0	Undiff. broadleaved (area)
79	13.0	0	0	Undiff. mixed woodland (area)
82	0.7	0	20.2	Undiff. low scrub
83	48.9	0	0	Recent ploughing for forestry
84	16.8	0.1	0	Recently felled forestry
85	54.7	0	0	Open canopy (young plantation)
90	328.7	18.4	4.7	Imp. pasture: no rock, no farms, no trees
91	3.2	0.4	0.2	Imp. pasture: no rock, no farms, trees
92	N.S	0	0	Imp. pasture: no rock, farms, no trees
94	191.2	34.3	2.9	Imp. pasture: rock, no farms, no trees
95	4.2	0.7	0	Imp. pasture: rock, no farms, trees
100	12.9	0	0	Arable: no rock, no farms, no trees
110	N.S	0	0	Dry heather moor: no rock, no burning, no trees
114	2.2	1.7	0.5	Dry heather moor: rock, no burning, no trees
120	N.S	4.1	6.8	Wet heather moor: no rock, no burning, no trees
124	1.2	9.2	6.8	Wet heather moor: rock, no burning, no trees
130	0.8	3.3	3.2	Undiff. heather moor: no rock, no burning, no trees
131	0	0	0.2	Undiff. heather moor: no rock, no burning, trees
134	2.4	40.9	11.9	Undiff. heather moor: rock, no burning, no trees
135	0	0.1	0	Undiff. heather moor: rock, no burning, trees
136	0.2	1.0	0	Undiff. heather moor: rock, burning, no trees
140	69.2	82.2	39.6	Undiff. Nardus/Molinia: no rock, no trees
141	0.1	0	0.3	Undiff. Nardus/Molinia: no rock, trees
142	10.7	39.1	65.6	Undiff. Nardus/Molinia: rock, no trees
143	0.6	0.4	4.1	Undiff. Nardus/Molinia: rock, trees
150	16.0	11.2	47.2	Smooth grass/rushes: no rock, no trees
151	1.2	0	0.8	Smooth grass/rushes: no rock, trees
152	0.1	0.3	6.7	Smooth grass/rushes: rock, no trees
153	0.2	0	0	Smooth grass/rushes: rock, trees
155	0.4	0	0.1	Smooth grass/low scrub: no rock, no trees
156	0.4	0.2	0	Smooth grass/low scrub: no rock, trees

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Table 4.3.2 Total audit of land cover features in Stewartry District in which all mosaics are allocated according to primary or secondary feature (continued).

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05 sq km. Please refer to Figure 6.3 for guidance in the interpretation of this table.

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
157	13.0	2.5	1.0	Smooth grass/low scrub: rock, no trees
158	3.2	0.4	0.2	Smooth grass/low scrub: rock, trees
159	N.S	0	0	invalid code
160	16.1	28.5	46.9	Undiff. smooth grass.: no rock, no trees
161	3.3	1.3	N.S	Undiff. smooth grass.: no rock, trees
162	30.3	28.4	22.9	Undiff. smooth grass.: rock, no trees
163	5.0	3.1	1.2	Undiff. smooth grass.: rock, trees
170	1.5	2.2	0.4	Undiff. bracken: no rock, no trees
171	0.8	0.1	0.1	Undiff. bracken: no rock, trees
172	10.5	8.3	13.4	Undiff. bracken: rock, no trees
173	5.1	1.1	0.9	Undiff. bracken: rock, trees
178	N.S	0	0	invalid code
180	1.4	N.S	0	Blanket bog/peat. veg.: erosion, no trees
182	40.1	12.2	27.2	Blanket bog/peat. veg.: no erosion, no trees
183	1.1	0.1	0.4	Blanket bog/peat. veg.: no erosion, trees
184	0.1	0	0	Blanket bog/peat. veg.: dubh lochans
186	0.3	0	0	Blanket bog/peat. veg.: other peat workings
190	2.4	0	0	Undiff. salt marsh: no trees
200	10.4	1.3	0.7	Wetlands: no drains, no trees
201	N.S	0	0	Wetlands: drains, no trees
202	6.8	0.3	0.2	Wetlands: no drains, trees
212	0.3	0	0	Links area: grass
222	2.0	0	0	Undiff. montane veg.: rock
223	9.5	0	0	Undiff. montane veg.: no rock
TOTAL	1362.2	337.5	337.5	

Table 4.3.3 Total audit of land cover features in Stewartry District in which all mosaics are separately identified.

All areas are expressed in square kilometres to 1 decimal place; all percentages are expressed as % of the total area; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05

code	area	%	description
3	1.9	0.1	Factory
5	1.0	0.1	Golf course
6	N.S	N.S	Cemeteries
7	1.1	0.1	Recreational land
10	3.9	0.2	Rock and cliffs (area)
12	0.7	N.S	Quarries and opencast (area)
14	0.1	N.S	Bings and refuse tips (area)
18	22.2	1.3	Water (area)
20	7.7	0.5	Built-up (area)

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Table 4.3.3 Total audit of land cover features in Stewartry District in which all mosaics are separately identified (continued).

code	area	%	description
24	1.2	0.1	Estuary
26	1.5	0.1	Cloud cover
70	352.5	20.7	Coniferous plantation (area)
73	N.S	N.S	Coniferous semi-natural (area)
76	24.8	1.5	Undiff. broadleaved (area)
79	13.0	0.8	Undiff. mixed woodland (area)
82	0.7	N.S	Undiff. low scrub
83	48.9	2.9	Recent ploughing for forestry
84	16.8	1.0	Recently felled forestry
85	54.7	3.2	Open canopy (young plantation)
90	328.7	19.3	Imp. pasture: no rock, no farms, no trees
91	3.2	0.2	Imp. pasture: no rock, no farms, trees
92	N.S	N.S	Imp. pasture: no rock, farms, no trees
94	191.2	11.2	Imp. pasture: rock, no farms, no trees
95	4.2	0.2	Imp. pasture: rock, no farms, trees
100	12.9	0.8	Arable: no rock, no farms, no trees
110	N.S	N.S	Dry heather moor: no rock, no burning, no trees
114	2.2	0.1	Dry heather moor: rock, no burning, no trees
120	N.S	N.S	Wet heather moor: no rock, no burning, no trees
124	1.2	0.1	Wet heather moor: rock, no burning, no trees
130	0.8	N.S	Undiff. heather moor: no rock, no burning, no trees
134	2.4	0.1	Undiff. heather moor: rock, no burning, no trees
136	0.2	N.S	Undiff. heather moor: rock, burning, no trees
140	69.2	4.1	Undiff. Nardus/Molinia: no rock, no trees
141	0.1	N.S	Undiff. Nardus/Molinia: no rock, trees
142	10.7	0.6	Undiff. Nardus/Molinia: rock, no trees
143	0.6	N.S	Undiff. Nardus/Molinia: rock, trees
150	16.0	0.9	Smooth grass/rushes: no rock, no trees
151	1.2	0.1	Smooth grass/rushes: no rock, trees
152	0.1	N.S	Smooth grass/rushes: rock, no trees
153	0.2	N.S	Smooth grass/rushes: rock, trees
155	0.4	N.S	Smooth grass/low scrub: no rock, no trees
156	0.4	N.S	Smooth grass/low scrub: no rock, trees
157	13.0	0.8	Smooth grass/low scrub: rock, no trees
158	3.2	0.2	Smooth grass/low scrub: rock, trees
159	N.S	N.S	invalid code
160	16.1	0.9	Undiff. smooth grass.: no rock, no trees
161	3.3	0.2	Undiff. smooth grass.: no rock, trees
162	30.3	1.8	Undiff. smooth grass.: rock, no trees
163	5.0	0.3	Undiff. smooth grass.: rock, trees
170	1.5	0.1	Undiff. bracken: no rock, no trees
171	0.8	N.S	Undiff. bracken: no rock, trees
172	10.5	0.6	Undiff. bracken: rock, no trees
173	5.1	0.3	Undiff. bracken: rock, trees
178	N.S	N.S	invalid code
180	1.4	0.1	Blanket bog/peat. veg.: erosion, no trees
182	40.1	2.4	Blanket bog/peat. veg.: no erosion, no trees
183	1.1	0.1	Blanket bog/peat. veg.: no erosion, trees
184	0.1	N.S	Blanket bog/peat. veg.: dubh lochans
186	0.3	N.S	Blanket bog/peat. veg.: other peat workings

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Table 4.3.3 Total audit of land cover features in Stewartry District in which all mosaics are separately identified (continued).

code	area	%	description	
190	2.4	0.1	Undiff. salt marsh: no trees	
200	10.4	0.6	Wetlands: no drains, no trees	
201	N.S	N.S	Wetlands: drains, no trees	
202	6.8	0.4	Wetlands: no drains, trees	
212	0.3	N.S	Links area: grass	
222	2.0	0.1	Undiff. montane veg.: rock	
223	9.5	0.6	Undiff. montane veg.: no rock	
code	area	%	primary feature	secondary feature
301	0.3	N.S	Undiff. smooth grass.: rock, no trees	Dry heather moor: rock, no burning, no trees
311	0.2	N.S	Undiff. bracken: rock, no trees	Dry heather moor: rock, no burning, no trees
312	0.1	N.S	Wet heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
316	1.7	0.1	Dry heather moor: rock, no burning, no trees	Undiff. bracken: rock, no trees
317	0.5	N.S	Undiff. smooth grass.: rock, no trees	Undiff. heather moor: rock, no burning, no trees
323	0.3	N.S	Imp. pasture: rock, no farms, no trees	Blanket bog/peat. veg.: no erosion, no trees
324	1.7	0.1	Imp. pasture: no rock, no farms, no trees	Blanket bog/peat. veg.: no erosion, no trees
328	3.5	0.2	Imp. pasture: no rock, no farms, no trees	Undiff. Nardus/Molinia: no rock, no trees
345	0.1	N.S	Blanket bog/peat. veg.: no erosion, no trees	Imp. pasture: rock, no farms, no trees
353	12.1	0.7	Imp. pasture: no rock, no farms, no trees	Smooth grass/rushes: no rock, no trees
355	0.2	N.S	Blanket bog/peat. veg.: no erosion, no trees	Smooth grass/rushes: no rock, no trees
356	8.2	0.5	Undiff. smooth grass.: no rock, no trees	Smooth grass/rushes: no rock, no trees
358	0.1	N.S	Blanket bog/peat. veg.: no erosion, no trees	Wet heather moor: no rock, no burning, no trees
360	0.5	N.S	Undiff. heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
361	0.3	N.S	Wet heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
362	0.1	N.S	Undiff. heather moor: no rock, no burning, no trees	Undiff. bracken: no rock, no trees
365	0.1	N.S	Undiff. bracken: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
366	4.7	0.3	Undiff. heather moor: rock, no burning, no trees	Undiff. bracken: rock, no trees
367	0.7	N.S	Undiff. bracken: rock, no trees	Undiff. heather moor: rock, no burning, no trees
374	0.6	N.S	Undiff. heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
376	17.1	1.0	Imp. pasture: rock, no farms, no trees	Undiff. low scrub
377	0.3	N.S	Imp. pasture: rock, no farms, trees	Undiff. low scrub
378	N.S	N.S	Imp. pasture: rock, no farms, no trees	Coniferous plantation (area)
382	0.1	N.S	Blanket bog/peat. veg.: no erosion, no trees	Undiff. heather moor: no rock, no burning, no trees
384	0.8	N.S	Blanket bog/peat. veg.: no erosion, no trees	Undiff. heather moor: rock, no burning, no trees
385	0.3	N.S	Undiff. heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
386	0.2	N.S	Smooth grass/rushes: no rock, no trees	Undiff. low scrub
390	0.7	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. smooth grass.: no rock, no trees
393	0.1	N.S	Recently felled forestry	Coniferous plantation (area)
396	3.7	0.2	Undiff. heather moor: rock, no burning, no trees	Undiff. smooth grass.: rock, no trees
397	2.6	0.2	Undiff. smooth grass.: rock, no trees	Smooth grass/rushes: rock, no trees
398	0.3	N.S	Wetlands: no drains, trees	Blanket bog/peat. veg.: no erosion, trees
399	1.2	0.1	Smooth grass/rushes: no rock, no trees	Imp. pasture: no rock, no farms, no trees
401	2.4	0.1	Undiff. smooth grass.: rock, no trees	Undiff. bracken: rock, no trees
402	3.3	0.2	Smooth grass/rushes: no rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
403	0.2	N.S	Imp. pasture: no rock, no farms, trees	Undiff. heather moor: no rock, no burning, trees
409	0.1	N.S	Imp. pasture: no rock, no farms, no trees	Smooth grass/low scrub: no rock, no trees
410	1.6	0.1	Undiff. smooth grass.: no rock, no trees	Imp. pasture: no rock, no farms, no trees
414	17.3	1.0	Undiff. Nardus/Molinia: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
415	0.1	N.S	Undiff. smooth grass.: no rock, no trees	Undiff. bracken: no rock, no trees
416	14.5	0.9	Undiff. Nardus/Molinia: no rock, no trees	Smooth grass/rushes: no rock, no trees

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Table 4.3.3 Total audit of land cover features in Stewartry District in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
421	16.9	1.0	Undiff. smooth grass.: no rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
424	17.5	1.0	Undiff. smooth grass.: rock, no trees	Undiff. Nardus/Molinia: rock, no trees
426	6.5	0.4	Smooth grass/rushes: no rock, no trees	Undiff. smooth grass.: no rock, no trees
429	3.3	0.2	Undiff. Nardus/Molinia: rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
442	2.3	0.1	Undiff. heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
444	37.2	2.2	Undiff. Nardus/Molinia: no rock, no trees	Undiff. smooth grass.: no rock, no trees
448	30.1	1.8	Undiff. heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: rock, no trees
449	7.1	0.4	Blanket bog/peat. veg.: no erosion, no trees	Undiff. Nardus/Molinia: no rock, no trees
450	1.1	0.1	Undiff. smooth grass.: rock, no trees	Smooth grass/rushes: no rock, no trees
452	9.6	0.6	Imp. pasture: rock, no farms, no trees	Smooth grass/rushes: no rock, no trees
457	0.2	N.S	Undiff. smooth grass.: rock, trees	Undiff. bracken: rock, trees
458	0.5	N.S	Undiff. smooth grass.: no rock, trees	Smooth grass/rushes: no rock, trees
485	6.6	0.4	Undiff. Nardus/Molinia: no rock, no trees	Wet heather moor: no rock, no burning, no trees
494	9.9	0.6	Undiff. Nardus/Molinia: rock, no trees	Undiff. heather moor: rock, no burning, no trees
495	0.8	N.S	Blanket bog/peat. veg.: no erosion, no trees	Undiff. smooth grass.: rock, no trees
497	2.3	0.1	Blanket bog/peat. veg.: no erosion, no trees	Undiff. Nardus/Molinia: rock, no trees
499	1.9	0.1	Imp. pasture: rock, no farms, no trees	Undiff. smooth grass.: rock, no trees
501	0.2	N.S	Smooth grass/low scrub: rock, no trees	Undiff. bracken: rock, trees
502	0.2	N.S	Smooth grass/low scrub: rock, no trees	Undiff. Nardus/Molinia: rock, no trees
503	14.4	0.8	Undiff. Nardus/Molinia: rock, no trees	Undiff. smooth grass.: rock, no trees
505	1.8	0.1	Smooth grass/low scrub: rock, no trees	Undiff. bracken: rock, no trees
517	6.8	0.4	Undiff. Nardus/Molinia: rock, no trees	Wet heather moor: rock, no burning, no trees
521	3.8	0.2	Wet heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
526	0.3	N.S	Wet heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
528	1.6	0.1	Undiff. smooth grass.: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
530	0.5	N.S	Undiff. smooth grass.: rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
533	0.1	N.S	Smooth grass/low scrub: no rock, trees	Undiff. bracken: no rock, trees
534	N.S	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. low scrub
543	0.1	N.S	Undiff. Nardus/Molinia: rock, no trees	Smooth grass/rushes: no rock, no trees
553	2.7	0.2	Undiff. Nardus/Molinia: rock, no trees	Undiff. bracken: rock, no trees
554	0.1	N.S	Smooth grass/low scrub: rock, no trees	Smooth grass/rushes: no rock, no trees
557	0.4	N.S	Undiff. bracken: rock, no trees	Undiff. smooth grass.: rock, no trees
558	0.3	N.S	Undiff. bracken: no rock, no trees	Smooth grass/rushes: no rock, no trees
560	4.4	0.3	Undiff. bracken: rock, no trees	Undiff. Nardus/Molinia: rock, no trees
561	1.2	0.1	Undiff. bracken: no rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
564	3.1	0.2	Undiff. Nardus/Molinia: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
570	1.8	0.1	Undiff. smooth grass.: rock, no trees	Imp. pasture: rock, no farms, no trees
571	1.1	0.1	Undiff. smooth grass.: rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
573	8.8	0.5	Wet heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: rock, no trees
579	1.5	0.1	Undiff. Nardus/Molinia: no rock, no trees	Undiff. smooth grass.: rock, no trees
584	1.1	0.1	Undiff. bracken: rock, no trees	Undiff. low scrub
585	0.2	N.S	Undiff. bracken: rock, no trees	Smooth grass/low scrub: rock, no trees
587	0.1	N.S	Undiff. heather moor: rock, no burning, no trees	Undiff. bracken: rock, trees
588	0.7	N.S	Undiff. bracken: rock, trees	Undiff. smooth grass.: rock, trees
589	0.1	N.S	Smooth grass/rushes: no rock, no trees	Undiff. bracken: rock, no trees
590	0.1	N.S	Smooth grass/low scrub: no rock, trees	Smooth grass/rushes: no rock, no trees
591	0.1	N.S	Undiff. smooth grass.: rock, trees	Smooth grass/low scrub: rock, trees
592	0.1	N.S	Undiff. Nardus/Molinia: no rock, no trees	Undiff. bracken: no rock, no trees
593	0.5	N.S	Undiff. bracken: no rock, no trees	Undiff. smooth grass.: no rock, no trees
601	0.3	N.S	Imp. pasture: rock, no farms, no trees	Undiff. Nardus/Molinia: no rock, no trees

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Table 4.3.3 Total audit of land cover features in Stewartry District in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
604	1.9	0.1	Undiff. heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: rock, trees
605	0.8	N.S	Imp. pasture: rock, no farms, no trees	Smooth grass/low scrub: rock, no trees
606	0.3	N.S	Smooth grass/rushes: rock, no trees	Imp. pasture: rock, no farms, no trees
616	0.4	N.S	Imp. pasture: rock, no farms, no trees	Wetlands: no drains, no trees
634	N.S	N.S	Blanket bog/peat. veg.: erosion, no trees	Undiff. heather moor: rock, no burning, no trees
637	2.3	0.1	Imp. pasture: rock, no farms, no trees	Smooth grass/rushes: rock, no trees
668	1.8	0.1	Undiff. Nardus/Molinia: no rock, no trees	Imp. pasture: no rock, no farms, no trees
682	0.2	N.S	Imp. pasture: no rock, no farms, trees	Undiff. low scrub
683	0.4	N.S	Smooth grass/low scrub: rock, trees	Undiff. bracken: rock, trees
688	0.1	N.S	Blanket bog/peat. veg.: no erosion, no trees	Imp. pasture: no rock, no farms, no trees
727	0.6	N.S	Blanket bog/peat. veg.: no erosion, no trees	Undiff. smooth grass.: no rock, no trees
740	0.1	N.S	Undiff. heather moor: rock, no burning, trees	Undiff. Nardus/Molinia: rock, trees
757	0.4	N.S	Undiff. Nardus/Molinia: rock, trees	Undiff. smooth grass.: rock, trees
758	0.1	N.S	Undiff. smooth grass.: no rock, no trees	Blanket bog/peat. veg.: no erosion, trees
759	0.1	N.S	Undiff. smooth grass.: rock, trees	Smooth grass/rushes: no rock, no trees
803	0.1	N.S	Smooth grass/rushes: rock, no trees	Undiff. smooth grass.: rock, no trees
831	2.0	0.1	Undiff. smooth grass.: rock, trees	Undiff. Nardus/Molinia: rock, trees
837	0.1	N.S	Undiff. bracken: rock, trees	Undiff. Nardus/Molinia: rock, no trees
838	0.5	N.S	Undiff. bracken: rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
839	0.3	N.S	Undiff. bracken: rock, trees	Undiff. low scrub
861	0.2	N.S	Undiff. bracken: no rock, no trees	Undiff. low scrub
862	0.4	N.S	Undiff. smooth grass.: rock, no trees	Undiff. low scrub
863	0.1	N.S	Smooth grass/low scrub: rock, no trees	Undiff. low scrub
865	0.2	N.S	Undiff. smooth grass.: rock, trees	Undiff. low scrub
866	N.S	N.S	Wetlands: no drains, trees	Undiff. smooth grass.: no rock, trees
867	0.2	N.S	Undiff. smooth grass.: rock, trees	Wetlands: no drains, trees
868	1.3	0.1	Wetlands: no drains, no trees	Undiff. smooth grass.: no rock, no trees
909	0.9	0.1	Undiff. heather moor: rock, burning, no trees	Undiff. Nardus/Molinia: rock, no trees
914	0.3	N.S	Undiff. Nardus/Molinia: rock, no trees	Imp. pasture: rock, no farms, no trees
955	0.3	N.S	Imp. pasture: no rock, no farms, no trees	Wetlands: no drains, no trees
956	N.S	N.S	Dry heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
957	0.3	N.S	Imp. pasture: rock, no farms, trees	Smooth grass/rushes: no rock, trees
1018	1.3	0.1	Imp. pasture: rock, no farms, no trees	Undiff. Nardus/Molinia: rock, no trees
1021	0.3	N.S	Undiff. bracken: rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
1022	0.1	N.S	Undiff. smooth grass.: rock, trees	Blanket bog/peat. veg.: no erosion, trees
1044	0.1	N.S	Undiff. Nardus/Molinia: no rock, no trees	Imp. pasture: rock, no farms, no trees
1047	0.3	N.S	Undiff. smooth grass.: no rock, trees	Undiff. Nardus/Molinia: no rock, trees
1060	1.7	0.1	Undiff. Nardus/Molinia: rock, no trees	Smooth grass/rushes: rock, no trees
1064	0.1	N.S	Undiff. smooth grass.: rock, trees	Smooth grass/rushes: rock, no trees
1138	0.2	N.S	Undiff. smooth grass.: no rock, trees	Imp. pasture: no rock, no farms, trees
1147	0.3	N.S	Undiff. smooth grass.: no rock, trees	Imp. pasture: rock, no farms, no trees
1253	0.5	N.S	Undiff. bracken: rock, no trees	Smooth grass/rushes: no rock, no trees
1323	0.1	N.S	Undiff. bracken: no rock, trees	Smooth grass/rushes: no rock, no trees
1387	N.S	N.S	Undiff. heather moor: rock, burning, no trees	Undiff. bracken: rock, no trees
1395	N.S	N.S	Undiff. bracken: rock, no trees	Smooth grass/low scrub: rock, trees
1475	0.1	N.S	Blanket bog/peat. veg.: no erosion, trees	Undiff. smooth grass.: rock, trees
1476	0.2	N.S	Undiff. smooth grass.: rock, no trees	Undiff. Nardus/Molinia: rock, trees
1477	0.1	N.S	Imp. pasture: rock, no farms, trees	Smooth grass/rushes: no rock, no trees
TOTAL	1699.6	100.0		

Cover types		single feature		features in mosaics	
		area	%	primary	secondary
Open countryside					
A	Arable	54.0	3.1	0	0
B	Improved grassland	582.7	33.0	30.4	9.0
C	Good rough grassland	72.9	4.1	55.4	62.8
D	Poor rough grassland	65.2	3.7	108.9	139.0
E	Bracken	11.8	0.7	19.0	10.8
F	Heather moorland	7.6	0.4	74.5	50.0
G	Peatland	128.6	7.3	38.3	37.6
H	Montane	8.7	0.5	0	0
I	Rock and cliffs	10.0	0.6	0	0
Woodland					
J	Felled woodland	11.6	0.7	N.S	0
K	Recent planting	115.8	6.6	2.7	0
L	Coniferous plantation	265.5	15.0	0.1	0
M	Semi-natural coniferous	0	0	0	0.2
N	Mixed woodland	9.7	0.5	0	0
O	Broadleaved	25.8	1.5	0	0
P	Scrub	1.3	0.1	0	16.7
Wet ground					
Q	Fresh waters	16.1	0.9	0	0
R	Marshes	12.2	0.7	0.3	3.0
S	Saltmarshes	6.9	0.4	0	0
T	Dunes	9.0	0.5	0.4	0.8
U	Tidal waters	2.3	0.1	0	0
Developed					
V	Rural development	10.0	0.6	0	0.3
W	Urban	9.5	0.5	0.1	0
Other					
X	Missing photography/obscured land	0	0	0	0
SUBTOTAL		1437.2	81.3		
Y	Mosaics of types above	330.2	18.7	330.2	330.2
DISTRICT TOTAL		1767.4	100.0		

Nationally significant mosaics			area	%
FG	Heather moorland	Peatland	9.6	0.5
DF	Poor rough grassland	Heather moorland	102.6	5.8
CF	Good rough grassland	Heather moorland	4.8	0.3
GH	Peatland	Montane	0	0
CD	Good rough grassland	Poor rough grassland	69.1	3.9
BC	Improved grassland	Good rough grassland	8.7	0.5
CE	Good rough grassland	Bracken	5.2	0.3
DG	Poor rough grassland	Peatland	49.1	2.8
FH	Heather moorland	Montane	0	0
SUBTOTAL			249.2	14.1
Locally significant mosaics			area	%
DE	Poor rough grassland	Bracken	16.6	0.9
BP	Improved grassland	Scrub	15.1	0.9
CG	Good rough grassland	Peatland	11.6	0.7
BD	Improved grassland	Poor rough grassland	9.8	0.6
EF	Bracken	Heather moorland	4.6	0.3
SUBTOTAL			57.6	3.3
Remaining mosaics			23.4	1.3
MOSAICS OF SUMMARY COVER TYPES			330.2	18.7

Table 4.4.1

Wigtown District

Land cover summary categories

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not match the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05. Please refer to Figure 6.2 for guidance in the interpretation of this table.

Table 4.4.2 Total audit of land cover features in Wigtown District in which all mosaics are allocated according to primary or secondary feature.

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S. = not significant = < 0.05 sq km. Please refer to Figure 6.3 for guidance in the interpretation of this table.

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
3	0.4	0	0	Factory
4	4.0	0	0	Airfield
5	2.1	0	0	Golf course
6	0.1	0	0	Cemeteries
7	1.6	0	0	Recreational land
10	10.0	0	0	Rock and cliffs (area)
12	1.4	0	0	Quarries and opencast (area)
14	0	0	0.3	Bings and refuse tips (area)
18	16.1	0	0	Water (area)
20	9.5	0.1	0	Built-up (area)
21	N.S	0	0	Transport features, road
22	0.5	0	0	Transport features, rail
24	2.3	0	0	Estuary
70	265.5	0.1	0	Coniferous plantation (area)
75	0	0	0.2	Coniferous semi-natural (point)
76	25.8	0	0	Undiff. broadleaved (area)
79	9.7	0	0	Undiff. mixed woodland (area)
82	1.3	0	16.7	Undiff. low scrub
83	48.6	0.8	0	Recent ploughing for forestry
84	11.6	N.S	0	Recently felled forestry
85	67.1	1.9	0	Open canopy (young plantation)
87	0.1	0	0	Recent 'ripping' for forestry
90	433.4	6.8	3.1	Imp. pasture: no rock, no farms, no trees
91	1.2	N.S	0.9	Imp. pasture: no rock, no farms, trees
94	147.2	23.0	5.0	Imp. pasture: rock, no farms, no trees
95	0.7	0.5	0	Imp. pasture: rock, no farms, trees
96	0.1	0	0	Imp. pasture: rock, farms, no trees
100	53.9	0	0	Arable: no rock, no farms, no trees
101	N.S	0	0	Arable: no rock, no farms, trees
102	N.S	0	0	Arable: no rock, farms, no trees
110	0	0	0.4	Dry heather moor: no rock, no burning, no trees
111	0.1	0	0	Dry heather moor: no rock, no burning, trees
112	0.2	0.4	0	Dry heather moor: no rock, burning, no trees
114	0.2	0.5	2.3	Dry heather moor: rock, no burning, no trees
115	0.1	0	0	Dry heather moor: rock, no burning, trees
116	0.1	0	0	Dry heather moor: rock, burning, no trees
120	0.1	1.3	3.0	Wet heather moor: no rock, no burning, no trees
124	0.6	7.8	6.8	Wet heather moor: rock, no burning, no trees
130	1.6	8.9	7.7	Undiff. heather moor: no rock, no burning, no trees
131	0	0.2	N.S	Undiff. heather moor: no rock, no burning, trees
132	0.6	0.3	0	Undiff. heather moor: no rock, burning, no trees
134	3.6	54.7	29.8	Undiff. heather moor: rock, no burning, no trees
135	N.S	0.1	0	Undiff. heather moor: rock, no burning, trees
136	0.5	0.3	0	Undiff. heather moor: rock, burning, no trees

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Table 4.4.2 Total audit of land cover features in Wigtown District in which all mosaics are allocated according to primary or secondary feature (continued).

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
140	57.7	48.3	47.7	Undiff. Nardus/Molinia: no rock, no trees
141	0.2	0.9	0.8	Undiff. Nardus/Molinia: no rock, trees
142	7.4	59.7	90.1	Undiff. Nardus/Molinia: rock, no trees
143	0.1	0	0.3	Undiff. Nardus/Molinia: rock, trees
150	12.6	5.4	13.6	Smooth grass/rushes: no rock, no trees
151	0.2	0.1	0.2	Smooth grass/rushes: no rock, trees
152	0.2	0.6	1.0	Smooth grass/rushes: rock, no trees
153	0.1	0	0	Smooth grass/rushes: rock, trees
155	2.7	1.1	0.3	Smooth grass/low scrub: no rock, no trees
156	1.7	0.1	0	Smooth grass/low scrub: no rock, trees
157	14.9	6.9	0.8	Smooth grass/low scrub: rock, no trees
158	2.7	0.4	0.2	Smooth grass/low scrub: rock, trees
160	15.1	16.6	16.9	Undiff. smooth grass.: no rock, no trees
161	3.2	1.2	0.3	Undiff. smooth grass.: no rock, trees
162	17.0	22.2	29.1	Undiff. smooth grass.: rock, no trees
163	2.4	0.9	0.5	Undiff. smooth grass.: rock, trees
170	3.9	2.8	2.0	Undiff. bracken: no rock, no trees
171	0.6	0.2	0	Undiff. bracken: no rock, trees
172	5.8	15.3	8.0	Undiff. bracken: rock, no trees
173	1.5	0.7	0.8	Undiff. bracken: rock, trees
180	2.3	0.3	0	Blanket bog/peat. veg.: erosion, no trees
182	118.5	36.2	37.2	Blanket bog/peat. veg.: no erosion, no trees
183	2.7	0	0.4	Blanket bog/peat. veg.: no erosion, trees
184	0.4	0	0	Blanket bog/peat. veg.: dubh lochans
186	4.6	1.8	0	Blanket bog/peat. veg.: other peat workings
190	6.9	0	0	Undiff. salt marsh: no trees
200	8.8	0.3	3.0	Wetlands: no drains, no trees
202	3.4	0	0	Wetlands: no drains, trees
211	6.9	0	0	Partially stabilized dunes
212	2.1	0.4	0.8	Links area: grass
222	2.0	0	0	Undiff. montane veg.: rock
223	6.7	0	0	Undiff. montane veg.: no rock
TOTAL	1437.2	330.2	330.2	

Table 4.4.3 Total audit of land cover features in Wigtown District in which all mosaics are separately identified.

All areas are expressed in square kilometres to 1 decimal place; all percentages are expressed as % of the total area; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S. = not significant = < 0.05

code	area	%	description
3	0.4	N.S.	Factory
4	4.0	0.2	Airfield
5	2.1	0.1	Golf course
6	0.1	N.S.	Cemeteries
7	1.6	0.1	Recreational land

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Table 4.4.3 Total audit of land cover features in Wigtown District in which all mosaics are separately identified (continued).

code	area	%	description
10	10.0	0.6	Rock and cliffs (area)
12	1.4	0.1	Quarries and opencast (area)
18	16.1	0.9	Water (area)
20	9.5	0.5	Built-up (area)
21	N.S	N.S	Transport features, road
22	0.5	N.S	Transport features, rail
24	2.3	0.1	Estuary
70	265.5	15.0	Coniferous plantation (area)
76	25.8	1.5	Undiff. broadleaved (area)
79	9.7	0.5	Undiff. mixed woodland (area)
82	1.3	0.1	Undiff. low scrub
83	48.6	2.8	Recent ploughing for forestry
84	11.6	0.7	Recently felled forestry
85	67.1	3.8	Open canopy (young plantation)
87	0.1	N.S	Recent 'ripping' for forestry
90	433.4	24.5	Imp. pasture: no rock, no farms, no trees
91	1.2	0.1	Imp. pasture: no rock, no farms, trees
94	147.2	8.3	Imp. pasture: rock, no farms, no trees
95	0.7	N.S	Imp. pasture: rock, no farms, trees
96	0.1	N.S	Imp. pasture: rock, farms, no trees
100	53.9	3.1	Arable: no rock, no farms, no trees
101	N.S	N.S	Arable: no rock, no farms, trees
102	N.S	N.S	Arable: no rock, farms, no trees
111	0.1	N.S	Dry heather moor: no rock, no burning, trees
112	0.2	N.S	Dry heather moor: no rock, burning, no trees
114	0.2	N.S	Dry heather moor: rock, no burning, no trees
115	0.1	N.S	Dry heather moor: rock, no burning, trees
116	0.1	N.S	Dry heather moor: rock, burning, no trees
120	0.1	N.S	Wet heather moor: no rock, no burning, no trees
124	0.6	N.S	Wet heather moor: rock, no burning, no trees
130	1.6	0.1	Undiff. heather moor: no rock, no burning, no trees
132	0.6	N.S	Undiff. heather moor: no rock, burning, no trees
134	3.6	0.2	Undiff. heather moor: rock, no burning, no trees
135	N.S	N.S	Undiff. heather moor: rock, no burning, trees
136	0.5	N.S	Undiff. heather moor: rock, burning, no trees
140	57.7	3.3	Undiff. Nardus/Molinia: no rock, no trees
141	0.2	N.S	Undiff. Nardus/Molinia: no rock, trees
142	7.4	0.4	Undiff. Nardus/Molinia: rock, no trees
143	0.1	N.S	Undiff. Nardus/Molinia: rock, trees
150	12.6	0.7	Smooth grass/rushes: no rock, no trees
151	0.2	N.S	Smooth grass/rushes: no rock, trees
152	0.2	N.S	Smooth grass/rushes: rock, no trees
153	0.1	N.S	Smooth grass/rushes: rock, trees
155	2.7	0.2	Smooth grass/low scrub: no rock, no trees
156	1.7	0.1	Smooth grass/low scrub: no rock, trees
157	14.9	0.8	Smooth grass/low scrub: rock, no trees
158	2.7	0.2	Smooth grass/low scrub: rock, trees
160	15.1	0.9	Undiff. smooth grass.: no rock, no trees
161	3.2	0.2	Undiff. smooth grass.: no rock, trees
162	17.0	1.0	Undiff. smooth grass.: rock, no trees

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Table 4.4.3 Total audit of land cover features in Wigtown District in which all mosaics are separately identified (continued).

code	area	%	description	
163	2.4	0.1	Undiff. smooth grass.: rock, trees	
170	3.9	0.2	Undiff. bracken: no rock, no trees	
171	0.6	N.S	Undiff. bracken: no rock, trees	
172	5.8	0.3	Undiff. bracken: rock, no trees	
173	1.5	0.1	Undiff. bracken: rock, trees	
180	2.3	0.1	Blanket bog/peat. veg.: erosion, no trees	
182	118.5	6.7	Blanket bog/peat. veg.: no erosion, no trees	
183	2.7	0.2	Blanket bog/peat. veg.: no erosion, trees	
184	0.4	N.S	Blanket bog/peat. veg.: dubh lochans	
186	4.6	0.3	Blanket bog/peat. veg.: other peat workings	
190	6.9	0.4	Undiff. salt marsh: no trees	
200	8.8	0.5	Wetlands: no drains, no trees	
202	3.4	0.2	Wetlands: no drains, trees	
211	6.9	0.4	Partially stabilized dunes	
212	2.1	0.1	Links area: grass	
222	2.0	0.1	Undiff. montane veg.: rock	
223	6.7	0.4	Undiff. montane veg.: no rock	
code	area	%	primary feature	secondary feature
312	0.4	N.S	Wet heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
313	0.1	N.S	Blanket bog/peat. veg.: no erosion, no trees	Wet heather moor: rock, no burning, no trees
317	0.2	N.S	Undiff. smooth grass.: rock, no trees	Undiff. heather moor: rock, no burning, no trees
323	1.9	0.1	Imp. pasture: rock, no farms, no trees	Blanket bog/peat. veg.: no erosion, no trees
326	0.5	N.S	Dry heather moor: rock, no burning, no trees	Undiff. smooth grass.: rock, no trees
328	3.2	0.2	Imp. pasture: no rock, no farms, no trees	Undiff. Nardus/Molinia: no rock, no trees
345	0.7	N.S	Blanket bog/peat. veg.: no erosion, no trees	Imp. pasture: rock, no farms, no trees
353	2.7	0.2	Imp. pasture: no rock, no farms, no trees	Smooth grass/rushes: no rock, no trees
355	0.1	N.S	Blanket bog/peat. veg.: no erosion, no trees	Smooth grass/rushes: no rock, no trees
356	2.7	0.2	Undiff. smooth grass.: no rock, no trees	Smooth grass/rushes: no rock, no trees
358	0.2	N.S	Blanket bog/peat. veg.: no erosion, no trees	Wet heather moor: no rock, no burning, no trees
360	3.6	0.2	Undiff. heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
362	0.2	N.S	Undiff. heather moor: no rock, no burning, no trees	Undiff. bracken: no rock, no trees
365	0.7	N.S	Undiff. bracken: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
366	2.7	0.2	Undiff. heather moor: rock, no burning, no trees	Undiff. bracken: rock, no trees
367	0.6	N.S	Undiff. bracken: rock, no trees	Undiff. heather moor: rock, no burning, no trees
374	0.3	N.S	Undiff. heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
376	15.1	0.9	Imp. pasture: rock, no farms, no trees	Undiff. low scrub
380	0.5	N.S	Blanket bog/peat. veg.: other peat workings	Undiff. heather moor: no rock, no burning, no trees
382	N.S	N.S	Blanket bog/peat. veg.: no erosion, no trees	Undiff. heather moor: no rock, no burning, no trees
384	4.0	0.2	Blanket bog/peat. veg.: no erosion, no trees	Undiff. heather moor: rock, no burning, no trees
385	0.4	N.S	Undiff. heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
386	0.2	N.S	Smooth grass/rushes: no rock, no trees	Undiff. low scrub
395	0.1	N.S	Smooth grass/rushes: no rock, no trees	Smooth grass/low scrub: no rock, no trees
396	3.5	0.2	Undiff. heather moor: rock, no burning, no trees	Undiff. smooth grass.: rock, no trees
397	0.9	0.1	Undiff. smooth grass.: rock, no trees	Smooth grass/rushes: rock, no trees
399	0.4	N.S	Smooth grass/rushes: no rock, no trees	Imp. pasture: no rock, no farms, no trees
400	0.2	N.S	Undiff. smooth grass.: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
401	0.2	N.S	Undiff. smooth grass.: rock, no trees	Undiff. bracken: rock, no trees
402	2.4	0.1	Smooth grass/rushes: no rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
403	N.S	N.S	Imp. pasture: no rock, no farms, trees	Undiff. heather moor: no rock, no burning, trees

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Table 4.4.3 Total audit of land cover features in Wigtown District in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
410	0.3	N.S	Undiff. smooth grass.: no rock, no trees	Imp. pasture: no rock, no farms, no trees
414	18.1	1.0	Undiff. Nardus/Molinia: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
416	3.7	0.2	Undiff. Nardus/Molinia: no rock, no trees	Smooth grass/rushes: no rock, no trees
421	13.1	0.7	Undiff. smooth grass.: no rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
424	14.5	0.8	Undiff. smooth grass.: rock, no trees	Undiff. Nardus/Molinia: rock, no trees
426	1.9	0.1	Smooth grass/rushes: no rock, no trees	Undiff. smooth grass.: no rock, no trees
429	5.9	0.3	Undiff. Nardus/Molinia: rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
440	0.4	N.S	Smooth grass/low scrub: no rock, no trees	Undiff. bracken: no rock, no trees
442	8.1	0.5	Undiff. heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
444	12.8	0.7	Undiff. Nardus/Molinia: no rock, no trees	Undiff. smooth grass.: no rock, no trees
448	44.8	2.5	Undiff. heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: rock, no trees
449	15.8	0.9	Blanket bog/peat. veg.: no erosion, no trees	Undiff. Nardus/Molinia: no rock, no trees
450	1.1	0.1	Undiff. smooth grass.: rock, no trees	Smooth grass/rushes: no rock, no trees
452	2.0	0.1	Imp. pasture: rock, no farms, no trees	Smooth grass/rushes: no rock, no trees
453	0.2	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. smooth grass.: rock, no trees
457	0.3	N.S	Undiff. smooth grass.: rock, trees	Undiff. bracken: rock, trees
485	2.7	0.2	Undiff. Nardus/Molinia: no rock, no trees	Wet heather moor: no rock, no burning, no trees
494	24.7	1.4	Undiff. Nardus/Molinia: rock, no trees	Undiff. heather moor: rock, no burning, no trees
495	3.9	0.2	Blanket bog/peat. veg.: no erosion, no trees	Undiff. smooth grass.: rock, no trees
497	8.6	0.5	Blanket bog/peat. veg.: no erosion, no trees	Undiff. Nardus/Molinia: rock, no trees
498	0.4	N.S	Links area: grass	Undiff. low scrub
499	1.0	0.1	Imp. pasture: rock, no farms, no trees	Undiff. smooth grass.: rock, no trees
500	0.2	N.S	Undiff. heather moor: no rock, no burning, trees	Blanket bog/peat. veg.: no erosion, trees
501	0.1	N.S	Smooth grass/low scrub: rock, no trees	Undiff. bracken: rock, trees
502	2.0	0.1	Smooth grass/low scrub: rock, no trees	Undiff. Nardus/Molinia: rock, no trees
503	17.1	1.0	Undiff. Nardus/Molinia: rock, no trees	Undiff. smooth grass.: rock, no trees
504	0.4	N.S	Undiff. Nardus/Molinia: rock, no trees	Smooth grass/low scrub: rock, no trees
505	1.1	0.1	Smooth grass/low scrub: rock, no trees	Undiff. bracken: rock, no trees
514	1.7	0.1	Smooth grass/low scrub: rock, no trees	Imp. pasture: rock, no farms, no trees
515	0.3	N.S	Wetlands: no drains, no trees	Imp. pasture: rock, no farms, no trees
517	6.8	0.4	Undiff. Nardus/Molinia: rock, no trees	Wet heather moor: rock, no burning, no trees
521	1.3	0.1	Wet heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
528	0.2	N.S	Undiff. smooth grass.: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
530	0.9	0.1	Undiff. smooth grass.: rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
543	0.1	N.S	Undiff. Nardus/Molinia: rock, no trees	Smooth grass/rushes: no rock, no trees
553	3.3	0.2	Undiff. Nardus/Molinia: rock, no trees	Undiff. bracken: rock, no trees
554	0.6	N.S	Smooth grass/low scrub: rock, no trees	Smooth grass/rushes: no rock, no trees
555	N.S	N.S	Smooth grass/low scrub: rock, trees	Imp. pasture: rock, no farms, no trees
557	1.3	0.1	Undiff. bracken: rock, no trees	Undiff. smooth grass.: rock, no trees
558	0.4	N.S	Undiff. bracken: no rock, no trees	Smooth grass/rushes: no rock, no trees
559	0.2	N.S	Undiff. bracken: no rock, trees	Smooth grass/rushes: no rock, trees
560	10.3	0.6	Undiff. bracken: rock, no trees	Undiff. Nardus/Molinia: rock, no trees
561	1.3	0.1	Undiff. bracken: no rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
564	6.2	0.4	Undiff. Nardus/Molinia: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
570	0.3	N.S	Undiff. smooth grass.: rock, no trees	Imp. pasture: rock, no farms, no trees
571	3.0	0.2	Undiff. smooth grass.: rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
573	7.4	0.4	Wet heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: rock, no trees
579	0.1	N.S	Undiff. Nardus/Molinia: no rock, no trees	Undiff. smooth grass.: rock, no trees
584	0.7	N.S	Undiff. bracken: rock, no trees	Undiff. low scrub
586	0.2	N.S	Smooth grass/rushes: no rock, no trees	Undiff. bracken: no rock, no trees

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Table 4.4.3 Total audit of land cover features in Wigtown District in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
588	0.2	N.S	Undiff. bracken: rock, trees	Undiff. smooth grass.: rock, trees
590	0.1	N.S	Smooth grass/low scrub: no rock, trees	Smooth grass/rushes: no rock, no trees
592	0.7	N.S	Undiff. Nardus/Molinia: no rock, no trees	Undiff. bracken: no rock, no trees
593	0.2	N.S	Undiff. bracken: no rock, no trees	Undiff. smooth grass.: no rock, no trees
601	0.1	N.S	Imp. pasture: rock, no farms, no trees	Undiff. Nardus/Molinia: no rock, no trees
606	0.1	N.S	Smooth grass/rushes: rock, no trees	Imp. pasture: rock, no farms, no trees
615	0.3	N.S	Imp. pasture: rock, no farms, trees	Blanket bog/peat. veg.: no erosion, no trees
616	1.6	0.1	Imp. pasture: rock, no farms, no trees	Wetlands: no drains, no trees
617	0.7	N.S	Smooth grass/low scrub: rock, no trees	Wetlands: no drains, no trees
618	0.1	N.S	Built-up (area)	Smooth grass/low scrub: rock, no trees
619	0.2	N.S	Blanket bog/peat. veg.: no erosion, no trees	Smooth grass/low scrub: rock, no trees
621	0.1	N.S	Undiff. bracken: rock, trees	Blanket bog/peat. veg.: no erosion, trees
622	0.4	N.S	Undiff. bracken: rock, trees	Blanket bog/peat. veg.: no erosion, no trees
624	0.7	N.S	Undiff. smooth grass.: rock, no trees	Wetlands: no drains, no trees
633	0.1	N.S	Undiff. smooth grass.: rock, trees	Blanket bog/peat. veg.: no erosion, no trees
634	0.3	N.S	Blanket bog/peat. veg.: erosion, no trees	Undiff. heather moor: rock, no burning, no trees
645	0.2	N.S	Undiff. bracken: no rock, no trees	Smooth grass/low scrub: no rock, no trees
668	2.3	0.1	Undiff. Nardus/Molinia: no rock, no trees	Imp. pasture: no rock, no farms, no trees
677	0.5	N.S	Undiff. smooth grass.: no rock, trees	Undiff. Nardus/Molinia: no rock, no trees
683	0.3	N.S	Smooth grass/low scrub: rock, trees	Undiff. bracken: rock, trees
691	0.4	N.S	Smooth grass/low scrub: rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
727	1.7	0.1	Blanket bog/peat. veg.: no erosion, no trees	Undiff. smooth grass.: no rock, no trees
740	0.1	N.S	Undiff. heather moor: rock, no burning, trees	Undiff. Nardus/Molinia: rock, trees
793	0.8	N.S	Imp. pasture: no rock, no farms, no trees	Links area: grass
803	0.6	N.S	Smooth grass/rushes: rock, no trees	Undiff. smooth grass.: rock, no trees
831	0.2	N.S	Undiff. smooth grass.: rock, trees	Undiff. Nardus/Molinia: rock, trees
838	0.7	N.S	Undiff. bracken: rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
844	0.1	N.S	Dry heather moor: no rock, burning, no trees	Undiff. bracken: no rock, no trees
855	0.3	N.S	Smooth grass/rushes: no rock, no trees	Undiff. smooth grass.: rock, no trees
856	0.3	N.S	Undiff. Nardus/Molinia: no rock, no trees	Undiff. low scrub
882	0.4	N.S	Blanket bog/peat. veg.: no erosion, no trees	Undiff. smooth grass.: rock, trees
908	N.S	N.S	Recently felled forestry	Undiff. low scrub
909	0.3	N.S	Undiff. heather moor: rock, burning, no trees	Undiff. Nardus/Molinia: rock, no trees
911	0.6	N.S	Blanket bog/peat. veg.: other peat workings	Undiff. smooth grass.: rock, no trees
914	1.4	0.1	Undiff. Nardus/Molinia: rock, no trees	Imp. pasture: rock, no farms, no trees
915	0.2	N.S	Undiff. Nardus/Molinia: no rock, no trees	Undiff. Nardus/Molinia: rock, no trees
1002	0.1	N.S	Coniferous plantation (area)	Undiff. heather moor: rock, no burning, no trees
1018	1.3	0.1	Imp. pasture: rock, no farms, no trees	Undiff. Nardus/Molinia: rock, no trees
1019	0.1	N.S	Imp. pasture: rock, no farms, no trees	Undiff. bracken: rock, no trees
1020	0.1	N.S	Smooth grass/rushes: no rock, trees	Smooth grass/rushes: no rock, no trees
1021	1.8	0.1	Undiff. bracken: rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
1022	0.2	N.S	Undiff. smooth grass.: rock, trees	Blanket bog/peat. veg.: no erosion, trees
1033	0.1	N.S	Undiff. Nardus/Molinia: rock, no trees	Wet heather moor: no rock, no burning, no trees
1044	0.5	N.S	Undiff. Nardus/Molinia: no rock, no trees	Imp. pasture: rock, no farms, no trees
1045	0.3	N.S	Undiff. Nardus/Molinia: no rock, no trees	Undiff. bracken: rock, no trees
1046	0.2	N.S	Smooth grass/low scrub: rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
1047	0.7	N.S	Undiff. smooth grass.: no rock, trees	Undiff. Nardus/Molinia: no rock, trees
1048	0.6	N.S	Smooth grass/low scrub: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
1049	0.1	N.S	Smooth grass/low scrub: no rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
1050	0.3	N.S	Blanket bog/peat. veg.: no erosion, no trees	Undiff. bracken: rock, no trees

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Table 4.4.3 Total audit of land cover features in Wigtown District in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
1052	0.2	N.S	Blanket bog/peat. veg.: no erosion, no trees	Coniferous semi-natural (point)
1053	0.3	N.S	Undiff. smooth grass.: rock, no trees	Bings and refuse tips (area)
1062	0.8	N.S	Recent ploughing for forestry	Dry heather moor: rock, no burning, no trees
1063	1.5	0.1	Open canopy (young plantation)	Dry heather moor: rock, no burning, no trees
1064	N.S	N.S	Undiff. smooth grass.: rock, trees	Smooth grass/rushes: rock, no trees
1065	0.1	N.S	Blanket bog/peat. veg.: no erosion, no trees	Undiff. bracken: no rock, no trees
1069	0.6	N.S	Blanket bog/peat. veg.: other peat workings	Undiff. Nardus/Molinia: rock, no trees
1075	0.2	N.S	Blanket bog/peat. veg.: other peat workings	Smooth grass/low scrub: rock, trees
1093	0.4	N.S	Open canopy (young plantation)	Dry heather moor: no rock, no burning, no trees
1302	0.3	N.S	Undiff. heather moor: no rock, burning, no trees	Undiff. bracken: no rock, no trees
1306	0.9	N.S	Undiff. Nardus/Molinia: no rock, trees	Imp. pasture: no rock, no farms, trees
1310	0.3	N.S	Undiff. Nardus/Molinia: no rock, no trees	Undiff. smooth grass.: no rock, trees
1311	0.3	N.S	Dry heather moor: no rock, burning, no trees	Undiff. Nardus/Molinia: rock, no trees
1348	0.1	N.S	Imp. pasture: rock, no farms, trees	Undiff. Nardus/Molinia: no rock, trees
TOTAL	1767.4	100.0		

Cover types		single feature		features in mosaics	
		area	%	primary	secondary
Open countryside					
A	Arable	863.5	65.4	N.S	0
B	Improved grassland	83.9	6.4	9.2	0.5
C	Good rough grassland	45.9	3.5	6.1	14.9
D	Poor rough grassland	0.9	0.1	0.1	0
E	Bracken	0.1	N.S	0	0.7
F	Heather moorland	2.3	0.2	2.7	0.2
G	Peatland	3.3	0.2	0	0
H	Montane	0	0	0	0
I	Rock and cliffs	0.2	N.S	0	0
Woodland					
J	Felled woodland	5.4	0.4	0	1.1
K	Recent planting	3.2	0.2	0	0.1
L	Coniferous plantation	59.7	4.5	1.3	0.7
M	Semi-natural coniferous	0	0	0	0
N	Mixed woodland	30.6	2.3	0	1.5
O	Broadleaved	25.3	1.9	0	1.3
P	Scrub	3.6	0.3	0	3.6
Wet ground					
Q	Fresh waters	7.3	0.5	0	0
R	Marshes	4.4	0.3	0	0.2
S	Saltmarshes	0.8	0.1	0	0
T	Dunes	4.7	0.4	3.6	3.6
U	Tidal waters	0.5	N.S	0	0
Developed					
V	Rural development	34.7	2.6	5.4	0
W	Urban	108.2	8.2	0	0
Other					
X	Missing photography/obscured land	2.6	0.2	0	0
SUBTOTAL		1291.1	97.8		
Y	Mosaics of types above	28.4	2.2	28.4	28.4
REGIONAL TOTAL		1319.5	100.0		

Nationally significant mosaics			area	%
FG	Heather moorland	Peatland	0	0
DF	Poor rough grassland	Heather moorland	0	0
CF	Good rough grassland	Heather moorland	2.8	0.2
GH	Peatland	Montane	0	0
CD	Good rough grassland	Poor rough grassland	0.1	N.S
BC	Improved grassland	Good rough grassland	6.4	0.5
CE	Good rough grassland	Bracken	0.6	N.S
DG	Poor rough grassland	Peatland	0	0
FH	Heather moorland	Montane	0	0
SUBTOTAL			9.9	0.8
Locally significant mosaics			area	%
BP	Improved grassland	Scrub	3.2	0.2
CV	Good rough grassland	Rural development	2.0	0.2
NV	Mixed woodland	Rural development	1.5	0.1
OV	Broadleaved	Rural development	1.3	0.1
JL	Felled woodland	Coniferous plantation	1.1	0.1
SUBTOTAL			9.1	0.7
Remaining mosaics			9.4	0.7
MOSAICS OF SUMMARY COVER TYPES			28.4	2.2

Table 5.0.1

Fife Region

Land cover summary categories

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not match the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05. Please refer to Figure 6.2 for guidance in the interpretation of this table.

Table 5.0.2 Total audit of land cover features in Fife Region in which all mosaics are allocated according to primary or secondary feature.

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05 sq km. Please refer to Figure 6.3 for guidance in the interpretation of this table.

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
3	5.6	0	0	Factory
4	2.9	0	0	Airfield
5	6.6	5.4	0	Golf course
6	0.2	0	0	Cemeteries
7	1.7	0	0	Recreational land
10	0.2	0	0	Rock and cliffs (area)
12	14.7	0	0	Quarries and opencast (area)
13	0.1	0	0	Quarries and opencast (point)
14	0.8	0	0	Bings and refuse tips (area)
18	7.3	0	0	Water (area)
20	108.2	0	0	Built-up (area)
21	2.0	0	0	Transport features, road
22	0.1	0	0	Transport features, rail
24	0.5	0	0	Estuary
25	0.2	0	0	No photography
26	2.4	0	0	Cloud cover
70	59.6	1.3	0.7	Coniferous plantation (area)
72	0.1	0	0	Coniferous plantation (point)
76	25.3	0	0.9	Undiff. broadleaved (area)
78	0	0	0.3	Undiff. broadleaved (point)
79	30.6	0	0.6	Undiff. mixed woodland (area)
80	0	0	0.4	Undiff. mixed woodland (line)
81	0	0	0.6	Undiff. mixed woodland (point)
82	3.6	0	3.6	Undiff. low scrub
83	1.9	0	0.1	Recent ploughing for forestry
84	5.4	0	1.1	Recently felled forestry
85	1.3	0	0	Open canopy (young plantation)
90	72.0	9.2	0.5	Imp. pasture: no rock, no farms, no trees
91	9.9	0	0	Imp. pasture: no rock, no farms, trees
93	0.8	0	0	Imp. pasture: no rock, farms, trees
94	1.2	0	0	Imp. pasture: rock, no farms, no trees
100	862.7	N.S	0	Arable: no rock, no farms, no trees
101	0.2	0	0	Arable: no rock, no farms, trees
104	0.6	0	0	Arable: rock, no farms, no trees
110	2.0	2.7	0.2	Dry heather moor: no rock, no burning, no trees
114	N.S	0	0	Dry heather moor: rock, no burning, no trees
115	0.2	0	0	Dry heather moor: rock, no burning, trees
131	0.1	0	0	Undiff. heather moor: no rock, no burning, trees
140	0.9	0.1	0	Undiff. Nardus/Molinia: no rock, no trees
150	6.8	N.S	4.6	Smooth grass/rushes: no rock, no trees
151	0.2	0	0	Smooth grass/rushes: no rock, trees
153	0.1	0	0	Smooth grass/rushes: rock, trees
155	4.7	0.5	4.2	Smooth grass/low scrub: no rock, no trees
156	6.7	0.6	0.2	Smooth grass/low scrub: no rock, trees

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Table 5.0.2 Total audit of land cover features in Fife Region in which all mosaics are allocated according to primary or secondary feature (continued).

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
157	0.8	0	1.6	Smooth grass/low scrub: rock, no trees
158	0.1	0	0	Smooth grass/low scrub: rock, trees
160	19.7	3.0	4.2	Undiff. smooth grass.: no rock, no trees
161	4.1	0.3	0	Undiff. smooth grass.: no rock, trees
162	2.4	1.4	0	Undiff. smooth grass.: rock, no trees
163	0.3	0.3	0	Undiff. smooth grass.: rock, trees
170	0.1	0	0.7	Undiff. bracken: no rock, no trees
180	N.S	0	0	Blanket bog/peat. veg.: erosion, no trees
182	0.9	0	0	Blanket bog/peat. veg.: no erosion, no trees
183	1.6	0	0	Blanket bog/peat. veg.: no erosion, trees
185	0.7	0	0	Blanket bog/peat. veg.: industrial peat workings
190	0.8	0	0	Undiff. salt marsh: no trees
200	1.1	0	0	Wetlands: no drains, no trees
201	1.8	0	0	Wetlands: drains, no trees
202	1.3	0	0.2	Wetlands: no drains, trees
203	0.2	0	0	Wetlands: drains, trees
210	0.7	0	0	Bare dunes
211	0.9	0	0	Partially stabilized dunes
212	3.2	3.6	0	Links area: grass
213	0	0	3.6	Links area: heath
TOTAL	1291.1	28.4	28.4	

Table 5.0.3 Total audit of land cover features in Fife Region in which all mosaics are separately identified.

All areas are expressed in square kilometres to 1 decimal place; all percentages are expressed as % of the total area; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05

code	area	%	description
3	5.6	0.4	Factory
4	2.9	0.2	Airfield
5	6.6	0.5	Golf course
6	0.2	N.S	Cemeteries
7	1.7	0.1	Recreational land
10	0.2	N.S	Rock and cliffs (area)
12	14.7	1.1	Quarries and opencast (area)
13	0.1	N.S	Quarries and opencast (point)
14	0.8	0.1	Bings and refuse tips (area)
18	7.3	0.5	Water (area)
20	108.2	8.2	Built-up (area)
21	2.0	0.2	Transport features, road
22	0.1	N.S	Transport features, rail
24	0.5	N.S	Estuary
25	0.2	N.S	No photography
26	2.4	0.2	Cloud cover

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Table 5.0.3 Total audit of land cover features in Fife Region in which all mosaics are separately identified
(continued).

code	area	%	description	
70	59.6	4.5	Coniferous plantation (area)	
72	0.1	N.S	Coniferous plantation (point)	
76	25.3	1.9	Undiff. broadleaved (area)	
79	30.6	2.3	Undiff. mixed woodland (area)	
82	3.6	0.3	Undiff. low scrub	
83	1.9	0.1	Recent ploughing for forestry	
84	5.4	0.4	Recently felled forestry	
85	1.3	0.1	Open canopy (young plantation)	
90	72.0	5.5	Imp. pasture: no rock, no farms, no trees	
91	9.9	0.8	Imp. pasture: no rock, no farms, trees	
93	0.8	0.1	Imp. pasture: no rock, farms, trees	
94	1.2	0.1	Imp. pasture: rock, no farms, no trees	
100	862.7	65.4	Arable: no rock, no farms, no trees	
101	0.2	N.S	Arable: no rock, no farms, trees	
104	0.6	N.S	Arable: rock, no farms, no trees	
110	2.0	0.2	Dry heather moor: no rock, no burning, no trees	
114	N.S	N.S	Dry heather moor: rock, no burning, no trees	
115	0.2	N.S	Dry heather moor: rock, no burning, trees	
131	0.1	N.S	Undiff. heather moor: no rock, no burning, trees	
140	0.9	0.1	Undiff. Nardus/Molinia: no rock, no trees	
150	6.8	0.5	Smooth grass/rushes: no rock, no trees	
151	0.2	N.S	Smooth grass/rushes: no rock, trees	
153	0.1	N.S	Smooth grass/rushes: rock, trees	
155	4.7	0.4	Smooth grass/low scrub: no rock, no trees	
156	6.7	0.5	Smooth grass/low scrub: no rock, trees	
157	0.8	0.1	Smooth grass/low scrub: rock, no trees	
158	0.1	N.S	Smooth grass/low scrub: rock, trees	
160	19.7	1.5	Undiff. smooth grass.: no rock, no trees	
161	4.1	0.3	Undiff. smooth grass.: no rock, trees	
162	2.4	0.2	Undiff. smooth grass.: rock, no trees	
163	0.3	N.S	Undiff. smooth grass.: rock, trees	
170	0.1	N.S	Undiff. bracken: no rock, no trees	
180	N.S	N.S	Blanket bog/peat. veg.: erosion, no trees	
182	0.9	0.1	Blanket bog/peat. veg.: no erosion, no trees	
183	1.6	0.1	Blanket bog/peat. veg.: no erosion, trees	
185	0.7	0.1	Blanket bog/peat. veg.: industrial peat workings	
190	0.8	0.1	Undiff. salt marsh: no trees	
200	1.1	0.1	Wetlands: no drains, no trees	
201	1.8	0.1	Wetlands: drains, no trees	
202	1.3	0.1	Wetlands: no drains, trees	
203	0.2	N.S	Wetlands: drains, trees	
210	0.7	N.S	Bare dunes	
211	0.9	0.1	Partially stabilized dunes	
212	3.2	0.2	Links area: grass	
code	area	%	primary feature	secondary feature
353	2.3	0.2	Imp. pasture: no rock, no farms, no trees	Smooth grass/rushes: no rock, no trees
356	1.7	0.1	Undiff. smooth grass.: no rock, no trees	Smooth grass/rushes: no rock, no trees
387	0.1	N.S	Smooth grass/low scrub: no rock, no trees	Smooth grass/rushes: no rock, no trees

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Table 5.0.3 Total audit of land cover features in Fife Region in which all mosaics are separately identified
(continued).

code	area	%	primary component	secondary component
389	2.5	0.2	Dry heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
390	1.3	0.1	Imp. pasture: no rock, no farms, no trees	Undiff. smooth grass.: no rock, no trees
409	1.7	0.1	Imp. pasture: no rock, no farms, no trees	Smooth grass/low scrub: no rock, no trees
410	0.3	N.S	Undiff. smooth grass.: no rock, no trees	Imp. pasture: no rock, no farms, no trees
415	0.1	N.S	Undiff. smooth grass.: no rock, no trees	Undiff. bracken: no rock, no trees
416	0.1	N.S	Undiff. Nardus/Molinia: no rock, no trees	Smooth grass/rushes: no rock, no trees
425	0.1	N.S	Undiff. smooth grass.: no rock, trees	Undiff. bracken: no rock, no trees
426	N.S	N.S	Smooth grass/rushes: no rock, no trees	Undiff. smooth grass.: no rock, no trees
441	0.5	N.S	Smooth grass/low scrub: no rock, trees	Undiff. bracken: no rock, no trees
450	0.2	N.S	Undiff. smooth grass.: rock, no trees	Smooth grass/rushes: no rock, no trees
460	0.1	N.S	Dry heather moor: no rock, no burning, no trees	Undiff. bracken: no rock, no trees
464	0.1	N.S	Smooth grass/low scrub: no rock, no trees	Undiff. smooth grass.: no rock, no trees
465	0.3	N.S	Undiff. smooth grass.: rock, trees	Smooth grass/low scrub: rock, no trees
475	0.1	N.S	Dry heather moor: no rock, no burning, no trees	Smooth grass/rushes: no rock, no trees
492	0.9	0.1	Undiff. smooth grass.: rock, no trees	Smooth grass/low scrub: rock, no trees
493	0.5	N.S	Undiff. smooth grass.: no rock, no trees	Smooth grass/low scrub: no rock, no trees
506	3.6	0.3	Links area: grass	Links area: heath
507	0.2	N.S	Smooth grass/low scrub: no rock, no trees	Imp. pasture: no rock, no farms, no trees
509	1.1	0.1	Coniferous plantation (area)	Recently felled forestry
534	3.2	0.2	Imp. pasture: no rock, no farms, no trees	Undiff. low scrub
590	0.2	N.S	Smooth grass/low scrub: no rock, trees	Smooth grass/rushes: no rock, no trees
594	0.4	N.S	Golf course	Undiff. mixed woodland (line)
610	0.6	N.S	Golf course	Undiff. mixed woodland (point)
613	0.6	N.S	Golf course	Coniferous plantation (area)
631	0.2	N.S	Undiff. smooth grass.: no rock, no trees	Dry heather moor: no rock, no burning, no trees
652	0.1	N.S	Imp. pasture: no rock, no farms, no trees	Smooth grass/low scrub: no rock, trees
653	N.S	N.S	Undiff. smooth grass.: no rock, trees	Smooth grass/low scrub: no rock, trees
654	0.6	N.S	Golf course	Undiff. mixed woodland (area)
655	N.S	N.S	Arable: no rock, no farms, no trees	Smooth grass/low scrub: no rock, no trees
660	0.5	N.S	Imp. pasture: no rock, no farms, no trees	Smooth grass/low scrub: rock, no trees
661	0.2	N.S	Undiff. smooth grass.: no rock, trees	Wetlands: no drains, trees
662	0.2	N.S	Undiff. smooth grass.: no rock, no trees	Coniferous plantation (area)
663	0.2	N.S	Coniferous plantation (area)	Undiff. smooth grass.: no rock, no trees
664	0.1	N.S	Smooth grass/low scrub: no rock, no trees	Smooth grass/low scrub: no rock, trees
679	0.3	N.S	Golf course	Undiff. broadleaved (point)
685	0.9	0.1	Golf course	Undiff. broadleaved (area)
761	0.1	N.S	Undiff. smooth grass.: no rock, no trees	Undiff. low scrub
862	0.3	N.S	Undiff. smooth grass.: rock, no trees	Undiff. low scrub
954	2.0	0.2	Golf course	Smooth grass/low scrub: no rock, no trees
1148	0.1	N.S	Imp. pasture: no rock, no farms, no trees	Recent ploughing for forestry
TOTAL	1319.4	100.0		

Cover types		single feature		features in mosaics	
		area	%	primary	secondary
Open countryside					
A	Arable	142.0	46.0	0	0
B	Improved grassland	43.2	14.0	3.5	0.1
C	Good rough grassland	15.4	5.0	2.5	5.2
D	Poor rough grassland	0.9	0.3	0.1	0
E	Bracken	0.1	N.S	0	0.1
F	Heather moorland	0.3	0.1	0.6	0.2
G	Peatland	2.2	0.7	0	0
H	Montane	0	0	0	0
I	Rock and cliffs	N.S	N.S	0	0
Woodland					
J	Felled woodland	0.5	0.1	0	0
K	Recent planting	1.5	0.5	0	0
L	Coniferous plantation	21.7	7.0	0.2	0.2
M	Semi-natural coniferous	0	0	0	0
N	Mixed woodland	7.7	2.5	0	0
O	Broadleaved	9.0	2.9	0	0.5
P	Scrub	1.2	0.4	0	1.0
Wet ground					
Q	Fresh waters	4.0	1.3	0	0
R	Marshes	1.0	0.3	0	0.2
S	Saltmarshes	0.1	N.S	0	0
T	Dunes	0	0	0	0
U	Tidal waters	0	0	0	0
Developed					
V	Rural development	15.0	4.8	0.5	0
W	Urban	35.8	11.6	0	0
Other					
X	Missing photography/obscured land	0	0	0	0
SUBTOTAL		301.4	97.6		
Y	Mosaics of types above	7.4	2.4	7.4	7.4
DISTRICT TOTAL		308.8	100.0		

Nationally significant mosaics			area	%
FG	Heather moorland	Peatland	0	0
DF	Poor rough grassland	Heather moorland	0	0
CF	Good rough grassland	Heather moorland	0.7	0.2
GH	Peatland	Montane	0	0
CD	Good rough grassland	Poor rough grassland	0.1	N.S
BC	Improved grassland	Good rough grassland	2.6	0.8
CE	Good rough grassland	Bracken	0	0
DG	Poor rough grassland	Peatland	0	0
FH	Heather moorland	Montane	0	0
SUBTOTAL			3.3	1.1
Locally significant mosaics			area	%
BP	Improved grassland	Scrub	1.0	0.3
OV	Broadleaved	Rural development	0.5	0.2
CL	Good rough grassland	Coniferous plantation	0.4	0.1
CR	Good rough grassland	Marshes	0.2	0.1
SUBTOTAL			2.1	0.7
Remaining mosaics			2.0	0.7
MOSAICS OF SUMMARY COVER TYPES			7.4	2.4

Table 5.1.1

Dunfermline District

Land cover summary categories

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not match the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05. Please refer to Figure 6.2 for guidance in the interpretation of this table.

Table 5.1.2 Total audit of land cover features in Dunfermline District in which all mosaics are allocated according to primary or secondary feature.

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05 sq km. Please refer to Figure 6.3 for guidance in the interpretation of this table.

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
3	3.7	0	0	Factory
5	2.3	0.5	0	Golf course
6	0.1	0	0	Cemeteries
7	0.6	0	0	Recreational land
10	N.S	0	0	Rock and cliffs (area)
12	6.7	0	0	Quarries and opencast (area)
14	0.3	0	0	Bings and refuse tips (area)
18	4.0	0	0	Water (area)
20	35.8	0	0	Built-up (area)
21	1.0	0	0	Transport features, road
22	0.1	0	0	Transport features, rail
70	21.7	0.2	0.2	Coniferous plantation (area)
76	9.0	0	0.5	Undiff. broadleaved (area)
79	7.7	0	0	Undiff. mixed woodland (area)
82	1.2	0	1.0	Undiff. low scrub
83	1.3	0	0	Recent ploughing for forestry
84	0.5	0	0	Recently felled forestry
85	0.1	0	0	Open canopy (young plantation)
90	39.6	3.5	0.1	Imp. pasture: no rock, no farms, no trees
91	2.7	0	0	Imp. pasture: no rock, no farms, trees
93	0.8	0	0	Imp. pasture: no rock, farms, trees
94	0.1	0	0	Imp. pasture: rock, no farms, no trees
100	142.0	0	0	Arable: no rock, no farms, no trees
110	0.2	0.6	0.2	Dry heather moor: no rock, no burning, no trees
114	N.S	0	0	Dry heather moor: rock, no burning, no trees
140	0.9	0.1	0	Undiff. Nardus/Molinia: no rock, no trees
150	5.9	0	3.7	Smooth grass/rushes: no rock, no trees
151	0.2	0	0	Smooth grass/rushes: no rock, trees
155	0.8	0.1	0.6	Smooth grass/low scrub: no rock, no trees
156	1.0	0.2	0.1	Smooth grass/low scrub: no rock, trees
157	0.1	0	0	Smooth grass/low scrub: rock, no trees
160	5.6	2.1	0.8	Undiff. smooth grass.: no rock, no trees
161	1.4	0.2	0	Undiff. smooth grass.: no rock, trees
162	0.4	0	0	Undiff. smooth grass.: rock, no trees
170	0.1	0	0.1	Undiff. bracken: no rock, no trees
180	N.S	0	0	Blanket bog/peat. veg.: erosion, no trees
182	0.6	0	0	Blanket bog/peat. veg.: no erosion, no trees
183	0.9	0	0	Blanket bog/peat. veg.: no erosion, trees
185	0.7	0	0	Blanket bog/peat. veg.: industrial peat workings
190	0.1	0	0	Undiff. salt marsh: no trees
200	0.4	0	0	Wetlands: no drains, no trees
202	0.6	0	0.2	Wetlands: no drains, trees
TOTAL	301.4	7.4	7.4	

Table 5.1.3 Total audit of land cover features in Dunfermline District in which all mosaics are separately identified.

All areas are expressed in square kilometres to 1 decimal place; all percentages are expressed as % of the total area; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S. = not significant = < 0.05

code	area	%	description	
3	3.7	1.2	Factory	
5	2.3	0.8	Golf course	
6	0.1	N.S	Cemeteries	
7	0.6	0.2	Recreational land	
10	N.S	N.S	Rock and cliffs (area)	
12	6.7	2.2	Quarries and opencast (area)	
14	0.3	0.1	Bings and refuse tips (area)	
18	4.0	1.3	Water (area)	
20	35.8	11.6	Built-up (area)	
21	1.0	0.3	Transport features, road	
22	0.1	N.S	Transport features, rail	
70	21.7	7.0	Coniferous plantation (area)	
76	9.0	2.9	Undiff. broadleaved (area)	
79	7.7	2.5	Undiff. mixed woodland (area)	
82	1.2	0.4	Undiff. low scrub	
83	1.3	0.4	Recent ploughing for forestry	
84	0.5	0.1	Recently felled forestry	
85	0.1	N.S	Open canopy (young plantation)	
90	39.6	12.8	Imp. pasture: no rock, no farms, no trees	
91	2.7	0.9	Imp. pasture: no rock, no farms, trees	
93	0.8	0.3	Imp. pasture: no rock, farms, trees	
94	0.1	N.S	Imp. pasture: rock, no farms, no trees	
100	142.0	46.0	Arable: no rock, no farms, no trees	
110	0.2	0.1	Dry heather moor: no rock, no burning, no trees	
114	N.S	N.S	Dry heather moor: rock, no burning, no trees	
140	0.9	0.3	Undiff. Nardus/Molinia: no rock, no trees	
150	5.9	1.9	Smooth grass/rushes: no rock, no trees	
151	0.2	0.1	Smooth grass/rushes: no rock, trees	
155	0.8	0.3	Smooth grass/low scrub: no rock, no trees	
156	1.0	0.3	Smooth grass/low scrub: no rock, trees	
157	0.1	N.S	Smooth grass/low scrub: rock, no trees	
160	5.6	1.8	Undiff. smooth grass.: no rock, no trees	
161	1.4	0.4	Undiff. smooth grass.: no rock, trees	
162	0.4	0.1	Undiff. smooth grass.: rock, no trees	
170	0.1	N.S	Undiff. bracken: no rock, no trees	
180	N.S	N.S	Blanket bog/peat. veg.: erosion, no trees	
182	0.6	0.2	Blanket bog/peat. veg.: no erosion, no trees	
183	0.9	0.3	Blanket bog/peat. veg.: no erosion, trees	
185	0.7	0.2	Blanket bog/peat. veg.: industrial peat workings	
190	0.1	N.S	Undiff. salt marsh: no trees	
200	0.4	0.1	Wetlands: no drains, no trees	
202	0.6	0.2	Wetlands: no drains, trees	
code	area	%	primary feature	secondary feature
353	1.6	0.5	Imp. pasture: no rock, no farms, no trees	Smooth grass/rushes: no rock, no trees
356	1.7	0.6	Undiff. smooth grass.: no rock, no trees	Smooth grass/rushes: no rock, no trees
389	0.4	0.1	Dry heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
390	0.2	0.1	Imp. pasture: no rock, no farms, no trees	Undiff. smooth grass.: no rock, no trees

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Table 5.1.3 Total audit of land cover features in Dunfermline District in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
409	0.6	0.2	Imp. pasture: no rock, no farms, no trees	Smooth grass/low scrub: no rock, no trees
410	0.1	N.S	Undiff. smooth grass.: no rock, no trees	Imp. pasture: no rock, no farms, no trees
416	0.1	N.S	Undiff. Nardus/Molinia: no rock, no trees	Smooth grass/rushes: no rock, no trees
460	0.1	N.S	Dry heather moor: no rock, no burning, no trees	Undiff. bracken: no rock, no trees
475	0.1	N.S	Dry heather moor: no rock, no burning, no trees	Smooth grass/rushes: no rock, no trees
534	1.0	0.3	Imp. pasture: no rock, no farms, no trees	Undiff. low scrub
590	0.2	0.1	Smooth grass/low scrub: no rock, trees	Smooth grass/rushes: no rock, no trees
631	0.2	0.1	Undiff. smooth grass.: no rock, no trees	Dry heather moor: no rock, no burning, no trees
661	0.2	0.1	Undiff. smooth grass.: no rock, trees	Wetlands: no drains, trees
662	0.2	0.1	Undiff. smooth grass.: no rock, no trees	Coniferous plantation (area)
663	0.2	0.1	Coniferous plantation (area)	Undiff. smooth grass.: no rock, no trees
664	0.1	N.S	Smooth grass/low scrub: no rock, no trees	Smooth grass/low scrub: no rock, trees
685	0.5	0.2	Golf course	Undiff. broadleaved (area)
TOTAL	308.8	100.0		

Cover types		single feature		features in mosaics	
		area	%	primary	secondary
Open countryside					
A	Arable	144.0	58.5	0	0
B	Improved grassland	10.2	4.2	4.8	0
C	Good rough grassland	2.3	0.9	0.4	2.5
D	Poor rough grassland	0	0	0	0
E	Bracken	0	0	0	0
F	Heather moorland	0	0	0	0
G	Peatland	1.0	0.4	0	0
H	Montane	0	0	0	0
I	Rock and cliffs	0	0	0	0
Woodland					
J	Felled woodland	0.5	0.2	0	0
K	Recent planting	0.3	0.1	0	0.1
L	Coniferous plantation	5.4	2.2	0	0.6
M	Semi-natural coniferous	0	0	0	0
N	Mixed woodland	5.8	2.4	0	0.6
O	Broadleaved	6.4	2.6	0	0.7
P	Scrub	0.8	0.3	0	2.6
Wet ground					
Q	Fresh waters	1.1	0.5	0	0
R	Marshes	0.8	0.3	0	0
S	Saltmarshes	0	0	0	0
T	Dunes	0.3	0.1	0	0
U	Tidal waters	0	0	0	0
Developed					
V	Rural development	11.1	4.5	1.9	0
W	Urban	48.5	19.7	0	0
Other					
X	Missing photography/obscured land	0.2	0.1	0	0
SUBTOTAL		238.9	97.1		
Y	Mosaics of types above	7.1	2.9	7.1	7.1
DISTRICT TOTAL		246.0	100.0		

Nationally significant mosaics			area	%
FG	Heather moorland	Peatland	0	0
DF	Poor rough grassland	Heather moorland	0	0
CF	Good rough grassland	Heather moorland	0	0
GH	Peatland	Montane	0	0
CD	Good rough grassland	Poor rough grassland	0	0
BC	Improved grassland	Good rough grassland	2.5	1.0
CE	Good rough grassland	Bracken	0	0
DG	Poor rough grassland	Peatland	0	0
FH	Heather moorland	Montane	0	0
SUBTOTAL			2.5	1.0
Locally significant mosaics			area	%
BP	Improved grassland	Scrub	2.2	0.9
OV	Broadleaved	Rural development	0.7	0.3
NV	Mixed woodland	Rural development	0.6	0.2
LV	Coniferous plantation	Rural development	0.6	0.2
CP	Good rough grassland	Scrub	0.4	0.2
SUBTOTAL			4.5	1.8
Remaining mosaics			0.1	N.S
MOSAICS OF SUMMARY COVER TYPES			7.1	2.9

Table 5.2.1

Kirkcaldy District

Land cover summary categories

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not match the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05. Please refer to Figure 6.2 for guidance in the interpretation of this table.

Table 5.2.2 Total audit of land cover features in Kirkcaldy District in which all mosaics are allocated according to primary or secondary feature.

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05 sq km. Please refer to Figure 6.3 for guidance in the interpretation of this table.

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
3	1.5	0	0	Factory
4	0.2	0	0	Airfield
5	2.3	1.9	0	Golf course
6	0.1	0	0	Cemeteries
7	0.3	0	0	Recreational land
12	5.3	0	0	Quarries and opencast (area)
14	0.5	0	0	Bings and refuse tips (area)
18	1.1	0	0	Water (area)
20	48.5	0	0	Built-up (area)
21	1.0	0	0	Transport features, road
25	0.2	0	0	No photography
26	N.S	0	0	Cloud cover
70	5.4	0	0.6	Coniferous plantation (area)
76	6.4	0	0.4	Undiff. broadleaved (area)
78	0	0	0.3	Undiff. broadleaved (point)
79	5.8	0	0	Undiff. mixed woodland (area)
81	0	0	0.6	Undiff. mixed woodland (point)
82	0.8	0	2.6	Undiff. low scrub
83	0	0	0.1	Recent ploughing for forestry
84	0.5	0	0	Recently felled forestry
85	0.3	0	0	Open canopy (young plantation)
90	9.7	4.8	0	Imp. pasture: no rock, no farms, no trees
91	0.4	0	0	Imp. pasture: no rock, no farms, trees
94	0.1	0	0	Imp. pasture: rock, no farms, no trees
100	144.0	0	0	Arable: no rock, no farms, no trees
101	N.S	0	0	Arable: no rock, no farms, trees
150	0.6	0	0.2	Smooth grass/rushes: no rock, no trees
151	N.S	0	0	Smooth grass/rushes: no rock, trees
155	0.3	0	0.7	Smooth grass/low scrub: no rock, no trees
156	0.5	0	0.1	Smooth grass/low scrub: no rock, trees
157	0	0	0.5	Smooth grass/low scrub: rock, no trees
160	0.3	0.1	1.1	Undiff. smooth grass.: no rock, no trees
161	0.5	0	0	Undiff. smooth grass.: no rock, trees
162	0	0.3	0	Undiff. smooth grass.: rock, no trees
182	0.2	0	0	Blanket bog/peat. veg.: no erosion, no trees
183	0.8	0	0	Blanket bog/peat. veg.: no erosion, trees
200	0.4	0	0	Wetlands: no drains, no trees
201	0.4	0	0	Wetlands: drains, no trees
202	N.S	0	0	Wetlands: no drains, trees
212	0.3	0	0	Links area: grass
TOTAL	238.9	7.1	7.1	

Table 5.2.3 Total audit of land cover features in Kirkcaldy District in which all mosaics are separately identified.

All areas are expressed in square kilometres to 1 decimal place; all percentages are expressed as % of the total area; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05

code	area	%	description	
3	1.5	0.6	Factory	
4	0.2	0.1	Airfield	
5	2.3	0.9	Golf course	
6	0.1	N.S	Cemeteries	
7	0.3	0.1	Recreational land	
12	5.3	2.1	Quarries and opencast (area)	
14	0.5	0.2	Bings and refuse tips (area)	
18	1.1	0.5	Water (area)	
20	48.5	19.7	Built-up (area)	
21	1.0	0.4	Transport features, road	
25	0.2	0.1	No photography	
26	N.S	N.S	Cloud cover	
70	5.4	2.2	Coniferous plantation (area)	
76	6.4	2.6	Undiff. broadleaved (area)	
79	5.8	2.4	Undiff. mixed woodland (area)	
82	0.8	0.3	Undiff. low scrub	
84	0.5	0.2	Recently felled forestry	
85	0.3	0.1	Open canopy (young plantation)	
90	9.7	3.9	Imp. pasture: no rock, no farms, no trees	
91	0.4	0.2	Imp. pasture: no rock, no farms, trees	
94	0.1	0.1	Imp. pasture: rock, no farms, no trees	
100	144.0	58.5	Arable: no rock, no farms, no trees	
101	N.S	N.S	Arable: no rock, no farms, trees	
150	0.6	0.3	Smooth grass/rushes: no rock, no trees	
151	N.S	N.S	Smooth grass/rushes: no rock, trees	
155	0.3	0.1	Smooth grass/low scrub: no rock, no trees	
156	0.5	0.2	Smooth grass/low scrub: no rock, trees	
160	0.3	0.1	Undiff. smooth grass.: no rock, no trees	
161	0.5	0.2	Undiff. smooth grass.: no rock, trees	
182	0.2	0.1	Blanket bog/peat. veg.: no erosion, no trees	
183	0.8	0.3	Blanket bog/peat. veg.: no erosion, trees	
200	0.4	0.1	Wetlands: no drains, no trees	
201	0.4	0.2	Wetlands: drains, no trees	
202	N.S	N.S	Wetlands: no drains, trees	
212	0.3	0.1	Links area: grass	
code	area	%	primary feature	secondary feature
353	0.2	0.1	Imp. pasture: no rock, no farms, no trees	Smooth grass/rushes: no rock, no trees
390	1.1	0.4	Imp. pasture: no rock, no farms, no trees	Undiff. smooth grass.: no rock, no trees
409	0.7	0.3	Imp. pasture: no rock, no farms, no trees	Smooth grass/low scrub: no rock, no trees
534	2.2	0.9	Imp. pasture: no rock, no farms, no trees	Undiff. low scrub
610	0.6	0.2	Golf course	Undiff. mixed woodland (point)
613	0.6	0.2	Golf course	Coniferous plantation (area)
652	0.1	N.S	Imp. pasture: no rock, no farms, no trees	Smooth grass/low scrub: no rock, trees
660	0.5	0.2	Imp. pasture: no rock, no farms, no trees	Smooth grass/low scrub: rock, no trees
679	0.3	0.1	Golf course	Undiff. broadleaved (point)
685	0.4	0.2	Golf course	Undiff. broadleaved (area)
761	0.1	N.S	Undiff. smooth grass.: no rock, no trees	Undiff. low scrub
862	0.3	0.1	Undiff. smooth grass.: rock, no trees	Undiff. low scrub
1148	0.1	N.S	Imp. pasture: no rock, no farms, no trees	Recent ploughing for forestry
TOTAL	246.0	100.0		

Cover types		single feature		features in mosaics	
		area	%	primary	secondary
Open countryside					
A	Arable	577.5	75.5	N.S	0
B	Improved grassland	30.4	4.0	0.9	0.4
C	Good rough grassland	28.2	3.7	3.2	7.2
D	Poor rough grassland	0	0	0	0
E	Bracken	0	0	0	0.6
F	Heather moorland	2.0	0.3	2.1	0
G	Peatland	0.1	N.S	0	0
H	Montane	0	0	0	0
I	Rock and cliffs	0.1	N.S	0	0
Woodland					
J	Felled woodland	4.5	0.6	0	1.1
K	Recent planting	1.5	0.2	0	0
L	Coniferous plantation	32.6	4.3	1.1	0
M	Semi-natural coniferous	0	0	0	0
N	Mixed woodland	17.0	2.2	0	1.0
O	Broadleaved	9.9	1.3	0	0
P	Scrub	1.6	0.2	0	0
Wet ground					
Q	Fresh waters	2.2	0.3	0	0
R	Marshes	2.6	0.3	0	0
S	Saltmarshes	0.8	0.1	0	0
T	Dunes	4.4	0.6	3.6	3.6
U	Tidal waters	0.5	0.1	0	0
Developed					
V	Rural development	8.7	1.1	2.9	0
W	Urban	23.9	3.1	0	0
Other					
X	Missing photography/obscured land	2.4	0.3	0	0
	SUBTOTAL	750.8	98.2		
Y	Mosaics of types above	13.9	1.8	13.9	13.9
	DISTRICT TOTAL	764.7	100.0		

Nationally significant mosaics			area	%
FG	Heather moorland	Peatland	0	0
DF	Poor rough grassland	Heather moorland	0	0
CF	Good rough grassland	Heather moorland	2.1	0.3
GH	Peatland	Montane	0	0
CD	Good rough grassland	Poor rough grassland	0	0
BC	Improved grassland	Good rough grassland	1.3	0.2
CE	Good rough grassland	Bracken	0.6	0.1
DG	Poor rough grassland	Peatland	0	0
FH	Heather moorland	Montane	0	0
	SUBTOTAL		4.1	0.5
Locally significant mosaics			area	%
CV	Good rough grassland	Rural development	2.0	0.3
JL	Felled woodland	Coniferous plantation	1.1	0.1
NV	Mixed woodland	Rural development	1.0	0.1
	SUBTOTAL		4.0	0.5
Remaining mosaics			5.7	0.8
MOSAICS OF SUMMARY COVER TYPES			13.9	1.8

Table 5.3.1

North East Fife District

Land cover summary categories

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not match the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05. Please refer to Figure 6.2 for guidance in the interpretation of this table.

Table 5.3.2 Total audit of land cover features in North East Fife District in which all mosaics are allocated according to primary or secondary feature.

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05 sq km. Please refer to Figure 6.3 for guidance in the interpretation of this table.

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
3	0.3	0	0	Factory
4	2.6	0	0	Airfield
5	2.0	2.9	0	Golf course
6	0.1	0	0	Cemeteries
7	0.8	0	0	Recreational land
10	0.1	0	0	Rock and cliffs (area)
12	2.8	0	0	Quarries and opencast (area)
13	0.1	0	0	Quarries and opencast (point)
18	2.2	0	0	Water (area)
20	23.9	0	0	Built-up (area)
24	0.5	0	0	Estuary
26	2.4	0	0	Cloud cover
70	32.5	1.1	0	Coniferous plantation (area)
72	0.1	0	0	Coniferous plantation (point)
76	9.9	0	0	Undiff. broadleaved (area)
79	17.0	0	0.6	Undiff. mixed woodland (area)
80	0	0	0.4	Undiff. mixed woodland (line)
82	1.6	0	0	Undiff. low scrub
83	0.6	0	0	Recent ploughing for forestry
84	4.5	0	1.1	Recently felled forestry
85	0.9	0	0	Open canopy (young plantation)
90	22.8	0.9	0.4	Imp. pasture: no rock, no farms, no trees
91	6.8	0	0	Imp. pasture: no rock, no farms, trees
94	0.9	0	0	Imp. pasture: rock, no farms, no trees
100	576.7	N.S	0	Arable: no rock, no farms, no trees
101	0.2	0	0	Arable: no rock, no farms, trees
104	0.6	0	0	Arable: rock, no farms, no trees
110	1.8	2.1	0	Dry heather moor: no rock, no burning, no trees
115	0.2	0	0	Dry heather moor: rock, no burning, trees
131	0.1	0	0	Undiff. heather moor: no rock, no burning, trees
150	0.3	N.S	0.7	Smooth grass/rushes: no rock, no trees
151	N.S	0	0	Smooth grass/rushes: no rock, trees
153	0.1	0	0	Smooth grass/rushes: rock, trees
155	3.6	0.4	2.9	Smooth grass/low scrub: no rock, no trees
156	5.2	0.5	0.1	Smooth grass/low scrub: no rock, trees
157	0.6	0	1.1	Smooth grass/low scrub: rock, no trees
158	0.1	0	0	Smooth grass/low scrub: rock, trees
160	13.8	0.8	2.3	Undiff. smooth grass.: no rock, no trees
161	2.2	0.2	0	Undiff. smooth grass.: no rock, trees
162	2.0	1.1	0	Undiff. smooth grass.: rock, no trees
163	0.3	0.3	0	Undiff. smooth grass.: rock, trees
170	0	0	0.6	Undiff. bracken: no rock, no trees
182	0.1	0	0	Blanket bog/peat. veg.: no erosion, no trees
190	0.8	0	0	Undiff. salt marsh: no trees

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Table 5.3.2 Total audit of land cover features in North East Fife District in which all mosaics are allocated according to primary or secondary feature (continued).

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
200	0.4	0	0	Wetlands: no drains, no trees
201	1.4	0	0	Wetlands: drains, no trees
202	0.6	0	0	Wetlands: no drains, trees
203	0.2	0	0	Wetlands: drains, trees
210	0.7	0	0	Bare dunes
211	0.9	0	0	Partially stabilized dunes
212	2.9	3.6	0	Links area: grass
213	0	0	3.6	Links area: heath
TOTAL	750.8	13.9	13.9	

Table 5.3.3 Total audit of land cover features in North East Fife District in which all mosaics are separately identified.

All areas are expressed in square kilometres to 1 decimal place; all percentages are expressed as % of the total area; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05

code	area	%	description
3	0.3	N.S	Factory
4	2.6	0.3	Airfield
5	2.0	0.3	Golf course
6	0.1	N.S	Cemeteries
7	0.8	0.1	Recreational land
10	0.1	N.S	Rock and cliffs (area)
12	2.8	0.4	Quarries and opencast (area)
13	0.1	N.S	Quarries and opencast (point)
18	2.2	0.3	Water (area)
20	23.9	3.1	Built-up (area)
24	0.5	0.1	Estuary
26	2.4	0.3	Cloud cover
70	32.5	4.2	Coniferous plantation (area)
72	0.1	N.S	Coniferous plantation (point)
76	9.9	1.3	Undiff. broadleaved (area)
79	17.0	2.2	Undiff. mixed woodland (area)
82	1.6	0.2	Undiff. low scrub
83	0.6	0.1	Recent ploughing for forestry
84	4.5	0.6	Recently felled forestry
85	0.9	0.1	Open canopy (young plantation)
90	22.8	3.0	Imp. pasture: no rock, no farms, no trees
91	6.8	0.9	Imp. pasture: no rock, no farms, trees
94	0.9	0.1	Imp. pasture: rock, no farms, no trees
100	576.7	75.4	Arable: no rock, no farms, no trees
101	0.2	N.S	Arable: no rock, no farms, trees
104	0.6	0.1	Arable: rock, no farms, no trees
110	1.8	0.2	Dry heather moor: no rock, no burning, no trees

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Table 5.3.3 Total audit of land cover features in North East Fife District in which all mosaics are separately identified (continued).

code	area	%	description	
115	0.2	N.S	Dry heather moor: rock, no burning, trees	
131	0.1	N.S	Undiff. heather moor: no rock, no burning, trees	
150	0.3	N.S	Smooth grass/rushes: no rock, no trees	
151	N.S	N.S	Smooth grass/rushes: no rock, trees	
153	0.1	N.S	Smooth grass/rushes: rock, trees	
155	3.6	0.5	Smooth grass/low scrub: no rock, no trees	
156	5.2	0.7	Smooth grass/low scrub: no rock, trees	
157	0.6	0.1	Smooth grass/low scrub: rock, no trees	
158	0.1	N.S	Smooth grass/low scrub: rock, trees	
160	13.8	1.8	Undiff. smooth grass.: no rock, no trees	
161	2.2	0.3	Undiff. smooth grass.: no rock, trees	
162	2.0	0.3	Undiff. smooth grass.: rock, no trees	
163	0.3	N.S	Undiff. smooth grass.: rock, trees	
182	0.1	N.S	Blanket bog/peat. veg.: no erosion, no trees	
190	0.8	0.1	Undiff. salt marsh: no trees	
200	0.4	0.1	Wetlands: no drains, no trees	
201	1.4	0.2	Wetlands: drains, no trees	
202	0.6	0.1	Wetlands: no drains, trees	
203	0.2	N.S	Wetlands: drains, trees	
210	0.7	0.1	Bare dunes	
211	0.9	0.1	Partially stabilized dunes	
212	2.9	0.4	Links area: grass	
code	area	%	primary feature	secondary feature
353	0.4	0.1	Imp. pasture: no rock, no farms, no trees	Smooth grass/rushes: no rock, no trees
387	0.1	N.S	Smooth grass/low scrub: no rock, no trees	Smooth grass/rushes: no rock, no trees
389	2.1	0.3	Dry heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
390	N.S	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. smooth grass.: no rock, no trees
409	0.4	0.1	Imp. pasture: no rock, no farms, no trees	Smooth grass/low scrub: no rock, no trees
410	0.2	N.S	Undiff. smooth grass.: no rock, no trees	Imp. pasture: no rock, no farms, no trees
415	0.1	N.S	Undiff. smooth grass.: no rock, no trees	Undiff. bracken: no rock, no trees
425	0.1	N.S	Undiff. smooth grass.: no rock, trees	Undiff. bracken: no rock, no trees
426	N.S	N.S	Smooth grass/rushes: no rock, no trees	Undiff. smooth grass.: no rock, no trees
441	0.5	0.1	Smooth grass/low scrub: no rock, trees	Undiff. bracken: no rock, no trees
450	0.2	N.S	Undiff. smooth grass.: rock, no trees	Smooth grass/rushes: no rock, no trees
464	0.1	N.S	Smooth grass/low scrub: no rock, no trees	Undiff. smooth grass.: no rock, no trees
465	0.3	N.S	Undiff. smooth grass.: rock, trees	Smooth grass/low scrub: rock, no trees
492	0.9	0.1	Undiff. smooth grass.: rock, no trees	Smooth grass/low scrub: rock, no trees
493	0.5	0.1	Undiff. smooth grass.: no rock, no trees	Smooth grass/low scrub: no rock, no trees
506	3.6	0.5	Links area: grass	Links area: heath
507	0.2	N.S	Smooth grass/low scrub: no rock, no trees	Imp. pasture: no rock, no farms, no trees
509	1.1	0.1	Coniferous plantation (area)	Recently felled forestry
594	0.4	0.1	Golf course	Undiff. mixed woodland (line)
652	N.S	N.S	Imp. pasture: no rock, no farms, no trees	Smooth grass/low scrub: no rock, trees
653	N.S	N.S	Undiff. smooth grass.: no rock, trees	Smooth grass/low scrub: no rock, trees
654	0.6	0.1	Golf course	Undiff. mixed woodland (area)
655	N.S	N.S	Arable: no rock, no farms, no trees	Smooth grass/low scrub: no rock, no trees
954	2.0	0.3	Golf course	Smooth grass/low scrub: no rock, no trees
TOTAL	764.7	100.0		

Cover types		single feature	
		area	%
Open countryside			
A	Arable	3192.3	36.5
B	Improved grassland	1099.8	12.6
C	Good rough grassland	268.7	3.1
D	Poor rough grassland	9.1	0.1
E	Bracken	1.4	N.S
F	Heather moorland	994.0	11.4
G	Peatland	383.5	4.4
H	Montane	138.1	1.6
I	Rock and cliffs	7.2	0.1
Woodland			
J	Felled woodland	56.2	0.6
K	Recent planting	214.6	2.5
L	Coniferous plantation	941.4	10.8
M	Semi-natural coniferous	25.4	0.3
N	Mixed woodland	100.0	1.1
O	Broadleaved	102.2	1.2
P	Scrub	15.8	0.2
Wet ground			
Q	Fresh waters	24.4	0.3
R	Marshes	5.1	0.1
S	Saltmarshes	3.1	N.S
T	Dunes	28.1	0.3
U	Tidal waters	4.3	N.S
Developed			
V	Rural development	56.4	0.6
W	Urban	133.6	1.5
Other			
X	Missing photography/obscured land	21.7	0.2
SUBTOTAL		7826.3	89.4
Y	Mosaics of types above	929.0	10.6
REGIONAL TOTAL		8755.3	100.0

features in mosaics	
primary	secondary
0	0
39.6	8.0
115.6	261.1
27.6	46.8
2.4	9.0
516.2	227.2
136.4	256.7
70.7	86.7
1.4	6.5
0.2	0
1.5	0.2
0.9	0.7
0	0.7
2.3	0.8
4.6	1.7
0.9	14.4
0	0
0.2	0.2
0	0
5.4	5.6
0	0
3.0	1.6
0.1	1.0
0	0
929.0	929.0

Nationally significant mosaics			area	%
FG	Heather moorland	Peatland	316.2	3.6
DF	Poor rough grassland	Heather moorland	65.0	0.7
CF	Good rough grassland	Heather moorland	233.5	2.7
GH	Peatland	Montane	48.8	0.6
CD	Good rough grassland	Poor rough grassland	1.3	N.S
BC	Improved grassland	Good rough grassland	42.0	0.5
CE	Good rough grassland	Bracken	7.9	0.1
DG	Poor rough grassland	Peatland	6.9	0.1
FH	Heather moorland	Montane	107.8	1.2
SUBTOTAL			829.3	9.5
Locally significant mosaics			area	%
CG	Good rough grassland	Peatland	19.8	0.2
FI	Heather moorland	Rock and cliffs	5.6	0.1
FP	Heather moorland	Scrub	4.8	0.1
BP	Improved grassland	Scrub	3.6	N.S
CO	Good rough grassland	Broadleaved	2.9	N.S
SUBTOTAL			36.8	0.4
Remaining mosaics			62.9	0.7
MOSAICS OF SUMMARY COVER TYPES			929.0	10.6

Table 6.0.1

Grampian Region

Land cover summary categories

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not match the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05. Please refer to Figure 6.2 for guidance in the interpretation of this table.

Table 6.0.2 Total audit of land cover features in Grampian Region in which all mosaics are allocated according to primary or secondary feature.

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05 sq km. Please refer to Figure 6.3 for guidance in the interpretation of this table.

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
3	5.0	0	0	Factory
4	22.4	0	0	Airfield
5	16.3	2.5	0	Golf course
6	0.3	0	0	Cemeteries
7	1.5	0	N.S	Recreational land
10	7.2	1.3	6.5	Rock and cliffs (area)
11	0	0.1	0	Cliffs (line)
12	10.6	0	1.3	Quarries and opencast (area)
14	0.3	0	0	Bings and refuse tips (area)
16	N.S	0	0	Paths
18	24.4	0	0	Water (area)
20	133.6	0.1	1.0	Built-up (area)
21	N.S	0	0	Transport features, road
22	N.S	0	0	Transport features, rail
24	4.3	0	0	Estuary
26	0.9	0	0	Cloud cover
27	20.8	0	0	Snow cover
28	0	0.5	0.2	Ski tows
70	941.4	0.9	0.7	Coniferous plantation (area)
73	25.3	0	0.1	Coniferous semi-natural (area)
74	0.1	0	0	Coniferous semi-natural (line)
75	0	0	0.6	Coniferous semi-natural (point)
76	102.0	4.6	1.7	Undiff. broadleaved (area)
77	0.1	0	0	Undiff. broadleaved (line)
78	0.1	0	0	Undiff. broadleaved (point)
79	99.9	2.3	0.8	Undiff. mixed woodland (area)
80	N.S	0	0	Undiff. mixed woodland (line)
82	15.8	0.9	14.3	Undiff. low scrub
83	90.8	N.S	0	Recent ploughing for forestry
84	56.2	0.2	0	Recently felled forestry
85	121.6	1.5	0.2	Open canopy (young plantation)
86	0	0	0.1	Rhododendron scrub
87	2.2	0	0	Recent 'ripping' for forestry
90	1068.7	35.6	7.9	Imp. pasture: no rock, no farms, no trees
91	19.7	2.3	0.1	Imp. pasture: no rock, no farms, trees
94	11.3	1.7	0	Imp. pasture: rock, no farms, no trees
95	0.1	0	0	Imp. pasture: rock, no farms, trees
100	3177.3	0	0	Arable: no rock, no farms, no trees
101	2.8	0	0	Arable: no rock, no farms, trees
102	0.3	0	0	Arable: no rock, farms, no trees
104	11.9	0	0	Arable: rock, no farms, no trees
110	169.5	115.6	33.4	Dry heather moor: no rock, no burning, no trees
111	47.0	17.7	9.2	Dry heather moor: no rock, no burning, trees
112	442.2	102.0	8.7	Dry heather moor: no rock, burning, no trees
113	20.3	2.0	2.6	Dry heather moor: no rock, burning, trees
114	62.1	18.8	11.4	Dry heather moor: rock, no burning, no trees
115	5.4	4.3	1.0	Dry heather moor: rock, no burning, trees
116	39.9	0.4	0.7	Dry heather moor: rock, burning, no trees

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Table 6.0.2 Total audit of land cover features in Grampian Region in which all mosaics are allocated according to primary or secondary feature (continued).

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
117	2.4	0.6	0	Dry heather moor: rock, burning, trees
120	14.3	4.5	5.1	Wet heather moor: no rock, no burning, no trees
121	2.7	1.1	0.6	Wet heather moor: no rock, no burning, trees
122	4.8	2.1	1.5	Wet heather moor: no rock, burning, no trees
123	1.1	0.2	0	Wet heather moor: no rock, burning, trees
124	0	0.5	0	Wet heather moor: rock, no burning, no trees
127	0	0	0.6	Wet heather moor: rock, burning, trees
130	84.1	127.0	109.9	Undiff. heather moor: no rock, no burning, no trees
131	11.6	6.2	5.3	Undiff. heather moor: no rock, no burning, trees
132	75.4	97.5	23.9	Undiff. heather moor: no rock, burning, no trees
133	2.4	0.7	0.5	Undiff. heather moor: no rock, burning, trees
134	8.8	14.1	12.9	Undiff. heather moor: rock, no burning, no trees
135	0	0	0.1	Undiff. heather moor: rock, no burning, trees
136	0	0.8	0	Undiff. heather moor: rock, burning, no trees
140	7.4	24.2	41.5	Undiff. Nardus/Molinia: no rock, no trees
141	0.3	1.0	1.4	Undiff. Nardus/Molinia: no rock, trees
142	1.5	1.3	3.8	Undiff. Nardus/Molinia: rock, no trees
143	0	1.2	0.1	Undiff. Nardus/Molinia: rock, trees
150	71.3	34.3	159.7	Smooth grass/rushes: no rock, no trees
151	12.2	5.4	14.6	Smooth grass/rushes: no rock, trees
152	0.7	0.4	0	Smooth grass/rushes: rock, no trees
155	42.1	10.3	9.5	Smooth grass/low scrub: no rock, no trees
156	29.4	4.3	7.2	Smooth grass/low scrub: no rock, trees
157	14.9	3.3	2.6	Smooth grass/low scrub: rock, no trees
158	3.1	5.2	0.5	Smooth grass/low scrub: rock, trees
160	42.3	25.2	45.1	Undiff. smooth grass.: no rock, no trees
161	43.7	20.6	15.5	Undiff. smooth grass.: no rock, trees
162	6.7	4.8	2.6	Undiff. smooth grass.: rock, no trees
163	2.4	1.7	3.7	Undiff. smooth grass.: rock, trees
170	0.2	1.5	2.9	Undiff. bracken: no rock, no trees
171	0.5	0.6	0.6	Undiff. bracken: no rock, trees
172	0.7	0.3	0.3	Undiff. bracken: rock, no trees
173	N.S	0	5.2	Undiff. bracken: rock, trees
180	187.4	46.9	59.6	Blanket bog/peat. veg.: erosion, no trees
181	0.1	0	0.1	Blanket bog/peat. veg.: erosion, trees
182	153.0	85.6	193.9	Blanket bog/peat. veg.: no erosion, no trees
183	20.0	3.1	2.8	Blanket bog/peat. veg.: no erosion, trees
184	N.S	0	0	Blanket bog/peat. veg.: dubh lochans
185	5.3	0	0	Blanket bog/peat. veg.: industrial peat workings
186	17.7	0.7	0.3	Blanket bog/peat. veg.: other peat workings
190	3.1	0	0	Undiff. salt marsh: no trees
200	1.5	0	0.1	Wetlands: no drains, no trees
201	0.8	0	0	Wetlands: drains, no trees
202	2.3	0.2	0.2	Wetlands: no drains, trees
203	0.5	0	0	Wetlands: drains, trees
210	5.0	4.8	0	Bare dunes
211	14.1	0.2	0.6	Partially stabilized dunes
212	5.5	0.4	4.8	Links area: grass
213	3.6	0	0.2	Links area: heath
222	101.6	34.7	46.9	Undiff. montane veg.: rock
223	36.5	36.1	39.8	Undiff. montane veg.: no rock
TOTAL	7826.3	929.0	929.0	

Table 6.0.3 Total audit of land cover features in Grampian Region in which all mosaics are separately identified.

All areas are expressed in square kilometres to 1 decimal place; all percentages are expressed as % of the total area; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S. = not significant = < 0.05

code	area	%	description
3	5.0	0.1	Factory
4	22.4	0.3	Airfield
5	16.3	0.2	Golf course
6	0.3	N.S	Cemeteries
7	1.5	N.S	Recreational land
10	7.2	0.1	Rock and cliffs (area)
12	10.6	0.1	Quarries and opencast (area)
14	0.3	N.S	Bings and refuse tips (area)
16	N.S	N.S	Paths
18	24.4	0.3	Water (area)
20	133.6	1.5	Built-up (area)
21	N.S	N.S	Transport features, road
22	N.S	N.S	Transport features, rail
24	4.3	N.S	Estuary
26	0.9	N.S	Cloud cover
27	20.8	0.2	Snow cover
70	941.4	10.8	Coniferous plantation (area)
73	25.3	0.3	Coniferous semi-natural (area)
74	0.1	N.S	Coniferous semi-natural (line)
76	102.0	1.2	Undiff. broadleaved (area)
77	0.1	N.S	Undiff. broadleaved (line)
78	0.1	N.S	Undiff. broadleaved (point)
79	99.9	1.1	Undiff. mixed woodland (area)
80	N.S	N.S	Undiff. mixed woodland (line)
82	15.8	0.2	Undiff. low scrub
83	90.8	1.0	Recent ploughing for forestry
84	56.2	0.6	Recently felled forestry
85	121.6	1.4	Open canopy (young plantation)
87	2.2	N.S	Recent 'ripping' for forestry
90	1068.7	12.2	Imp. pasture: no rock, no farms, no trees
91	19.7	0.2	Imp. pasture: no rock, no farms, trees
94	11.3	0.1	Imp. pasture: rock, no farms, no trees
95	0.1	N.S	Imp. pasture: rock, no farms, trees
100	3177.3	36.3	Arable: no rock, no farms, no trees
101	2.8	N.S	Arable: no rock, no farms, trees
102	0.3	N.S	Arable: no rock, farms, no trees
104	11.9	0.1	Arable: rock, no farms, no trees
110	169.5	1.9	Dry heather moor: no rock, no burning, no trees
111	47.0	0.5	Dry heather moor: no rock, no burning, trees
112	442.2	5.1	Dry heather moor: no rock, burning, no trees
113	20.3	0.2	Dry heather moor: no rock, burning, trees
114	62.1	0.7	Dry heather moor: rock, no burning, no trees
115	5.4	0.1	Dry heather moor: rock, no burning, trees
116	39.9	0.5	Dry heather moor: rock, burning, no trees
117	2.4	N.S	Dry heather moor: rock, burning, trees
120	14.3	0.2	Wet heather moor: no rock, no burning, no trees
121	2.7	N.S	Wet heather moor: no rock, no burning, trees
122	4.8	0.1	Wet heather moor: no rock, burning, no trees
123	1.1	N.S	Wet heather moor: no rock, burning, trees
130	84.1	1.0	Undiff. heather moor: no rock, no burning, no trees

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Table 6.0.3 Total audit of land cover features in Grampian Region in which all mosaics are separately identified (continued).

code	area	%	description	
131	11.6	0.1	Undiff. heather moor: no rock, no burning, trees	
132	75.4	0.9	Undiff. heather moor: no rock, burning, no trees	
133	2.4	N.S	Undiff. heather moor: no rock, burning, trees	
134	8.8	0.1	Undiff. heather moor: rock, no burning, no trees	
140	7.4	0.1	Undiff. Nardus/Molinia: no rock, no trees	
141	0.3	N.S	Undiff. Nardus/Molinia: no rock, trees	
142	1.5	N.S	Undiff. Nardus/Molinia: rock, no trees	
150	71.3	0.8	Smooth grass/rushes: no rock, no trees	
151	12.2	0.1	Smooth grass/rushes: no rock, trees	
152	0.7	N.S	Smooth grass/rushes: rock, no trees	
155	42.1	0.5	Smooth grass/low scrub: no rock, no trees	
156	29.4	0.3	Smooth grass/low scrub: no rock, trees	
157	14.9	0.2	Smooth grass/low scrub: rock, no trees	
158	3.1	N.S	Smooth grass/low scrub: rock, trees	
160	42.3	0.5	Undiff. smooth grass.: no rock, no trees	
161	43.7	0.5	Undiff. smooth grass.: no rock, trees	
162	6.7	0.1	Undiff. smooth grass.: rock, no trees	
163	2.4	N.S	Undiff. smooth grass.: rock, trees	
170	0.2	N.S	Undiff. bracken: no rock, no trees	
171	0.5	N.S	Undiff. bracken: no rock, trees	
172	0.7	N.S	Undiff. bracken: rock, no trees	
173	N.S	N.S	Undiff. bracken: rock, trees	
180	187.4	2.1	Blanket bog/peat. veg.: erosion, no trees	
181	0.1	N.S	Blanket bog/peat. veg.: erosion, trees	
182	153.0	1.7	Blanket bog/peat. veg.: no erosion, no trees	
183	20.0	0.2	Blanket bog/peat. veg.: no erosion, trees	
184	N.S	N.S	Blanket bog/peat. veg.: dubh lochans	
185	5.3	0.1	Blanket bog/peat. veg.: industrial peat workings	
186	17.7	0.2	Blanket bog/peat. veg.: other peat workings	
190	3.1	N.S	Undiff. salt marsh: no trees	
200	1.5	N.S	Wetlands: no drains, no trees	
201	0.8	N.S	Wetlands: drains, no trees	
202	2.3	N.S	Wetlands: no drains, trees	
203	0.5	N.S	Wetlands: drains, trees	
210	5.0	0.1	Bare dunes	
211	14.1	0.2	Partially stabilized dunes	
212	5.5	0.1	Links area: grass	
213	3.6	N.S	Links area: heath	
222	101.6	1.2	Undiff. montane veg.: rock	
223	36.5	0.4	Undiff. montane veg.: no rock	
code	area	%	primary feature	secondary feature
301	2.1	N.S	Undiff. smooth grass.: rock, no trees	Dry heather moor: rock, no burning, no trees
309	0.3	N.S	Blanket bog/peat. veg.: no erosion, no trees	Blanket bog/peat. veg.: other peat workings
317	0.1	N.S	Undiff. smooth grass.: rock, no trees	Undiff. heather moor: rock, no burning, no trees
326	0.9	N.S	Dry heather moor: rock, no burning, no trees	Undiff. smooth grass.: rock, no trees
347	4.8	0.1	Bare dunes	Links area: grass
351	1.5	N.S	Smooth grass/rushes: no rock, no trees	Wet heather moor: no rock, no burning, no trees
352	2.5	N.S	Wet heather moor: no rock, no burning, no trees	Smooth grass/rushes: no rock, no trees
353	22.4	0.3	Imp. pasture: no rock, no farms, no trees	Smooth grass/rushes: no rock, no trees
355	7.5	0.1	Blanket bog/peat. veg.: no erosion, no trees	Smooth grass/rushes: no rock, no trees

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Table 6.0.3 Total audit of land cover features in Grampian Region in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
356	8.9	0.1	Undiff. smooth grass.: no rock, no trees	Smooth grass/rushes: no rock, no trees
358	2.7	N.S	Blanket bog/peat. veg.: no erosion, no trees	Wet heather moor: no rock, no burning, no trees
360	7.6	0.1	Undiff. heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
361	1.9	N.S	Wet heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
373	0.7	N.S	Blanket bog/peat. veg.: other peat workings	Smooth grass/rushes: no rock, no trees
374	58.7	0.7	Undiff. heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
382	40.8	0.5	Blanket bog/peat. veg.: no erosion, no trees	Undiff. heather moor: no rock, no burning, no trees
384	6.7	0.1	Blanket bog/peat. veg.: no erosion, no trees	Undiff. heather moor: rock, no burning, no trees
385	7.4	0.1	Undiff. heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
386	1.3	N.S	Smooth grass/rushes: no rock, no trees	Undiff. low scrub
387	6.3	0.1	Smooth grass/low scrub: no rock, no trees	Smooth grass/rushes: no rock, no trees
389	15.3	0.2	Dry heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
390	3.2	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. smooth grass.: no rock, no trees
395	1.8	N.S	Smooth grass/rushes: no rock, no trees	Smooth grass/low scrub: no rock, no trees
396	0.3	N.S	Undiff. heather moor: rock, no burning, no trees	Undiff. smooth grass.: rock, no trees
399	1.4	N.S	Smooth grass/rushes: no rock, no trees	Imp. pasture: no rock, no farms, no trees
400	4.5	0.1	Undiff. smooth grass.: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
401	0.2	N.S	Undiff. smooth grass.: rock, no trees	Undiff. bracken: rock, no trees
402	0.4	N.S	Smooth grass/rushes: no rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
404	0.2	N.S	Smooth grass/low scrub: no rock, trees	Undiff. heather moor: no rock, no burning, trees
405	0.5	N.S	Undiff. smooth grass.: no rock, trees	Imp. pasture: no rock, no farms, no trees
406	8.9	0.1	Smooth grass/rushes: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
407	1.9	N.S	Undiff. heather moor: no rock, burning, no trees	Undiff. smooth grass.: no rock, no trees
408	1.6	N.S	Undiff. heather moor: no rock, no burning, trees	Undiff. smooth grass.: no rock, trees
409	1.9	N.S	Imp. pasture: no rock, no farms, no trees	Smooth grass/low scrub: no rock, no trees
410	1.5	N.S	Undiff. smooth grass.: no rock, no trees	Imp. pasture: no rock, no farms, no trees
411	2.1	N.S	Undiff. smooth grass.: no rock, trees	Undiff. heather moor: no rock, no burning, trees
413	0.3	N.S	Smooth grass/rushes: no rock, trees	Smooth grass/low scrub: no rock, trees
414	1.1	N.S	Undiff. Nardus/Molinia: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
415	0.4	N.S	Undiff. smooth grass.: no rock, no trees	Undiff. bracken: no rock, no trees
416	0.4	N.S	Undiff. Nardus/Molinia: no rock, no trees	Smooth grass/rushes: no rock, no trees
417	1.8	N.S	Undiff. heather moor: no rock, no burning, no trees	Smooth grass/low scrub: no rock, no trees
418	0.1	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. bracken: no rock, no trees
426	1.9	N.S	Smooth grass/rushes: no rock, no trees	Undiff. smooth grass.: no rock, no trees
427	0.6	N.S	Imp. pasture: no rock, no farms, trees	Smooth grass/rushes: no rock, trees
428	0.3	N.S	Undiff. Nardus/Molinia: rock, no trees	Dry heather moor: rock, no burning, no trees
432	7.7	0.1	Undiff. smooth grass.: no rock, trees	Dry heather moor: no rock, no burning, trees
436	0.6	N.S	Undiff. Nardus/Molinia: no rock, no trees	Blanket bog/peat. veg.: erosion, no trees
437	20.2	0.2	Undiff. heather moor: no rock, no burning, no trees	Smooth grass/rushes: no rock, no trees
438	38.5	0.4	Undiff. heather moor: no rock, burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
440	0.7	N.S	Smooth grass/low scrub: no rock, no trees	Undiff. bracken: no rock, no trees
442	24.0	0.3	Undiff. heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
443	3.8	N.S	Undiff. heather moor: no rock, burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
444	0.4	N.S	Undiff. Nardus/Molinia: no rock, no trees	Undiff. smooth grass.: no rock, no trees
448	0.2	N.S	Undiff. heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: rock, no trees
449	3.6	N.S	Blanket bog/peat. veg.: no erosion, no trees	Undiff. Nardus/Molinia: no rock, no trees
450	1.2	N.S	Undiff. smooth grass.: rock, no trees	Smooth grass/rushes: no rock, no trees
456	3.0	N.S	Dry heather moor: rock, no burning, trees	Undiff. smooth grass.: rock, trees
458	4.2	N.S	Undiff. smooth grass.: no rock, trees	Smooth grass/rushes: no rock, trees
460	0.5	N.S	Dry heather moor: no rock, no burning, no trees	Undiff. bracken: no rock, no trees
463	1.1	N.S	Dry heather moor: no rock, burning, no trees	Wet heather moor: no rock, burning, no trees

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Table 6.0.3 Total audit of land cover features in Grampian Region in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
464	0.3	N.S	Smooth grass/low scrub: no rock, no trees	Undiff. smooth grass.: no rock, no trees
466	11.9	0.1	Dry heather moor: no rock, burning, no trees	Undiff. smooth grass.: no rock, no trees
467	29.0	0.3	Dry heather moor: no rock, burning, no trees	Smooth grass/rushes: no rock, no trees
468	0.8	N.S	Dry heather moor: rock, no burning, trees	Undiff. smooth grass.: no rock, trees
469	0.4	N.S	Dry heather moor: rock, burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
472	3.4	N.S	Dry heather moor: no rock, no burning, no trees	Undiff. low scrub
473	2.7	N.S	Dry heather moor: no rock, no burning, no trees	Smooth grass/low scrub: no rock, no trees
474	1.6	N.S	Blanket bog/peat. veg.: erosion, no trees	Undiff. Nardus/Molinia: no rock, no trees
475	5.7	0.1	Dry heather moor: no rock, no burning, no trees	Smooth grass/rushes: no rock, no trees
476	24.7	0.3	Dry heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
477	4.6	0.1	Undiff. heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: erosion, no trees
484	0.1	N.S	Undiff. bracken: no rock, no trees	Smooth grass/low scrub: no rock, trees
485	0.2	N.S	Undiff. Nardus/Molinia: no rock, no trees	Wet heather moor: no rock, no burning, no trees
486	6.5	0.1	Dry heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
487	2.4	N.S	Undiff. heather moor: no rock, no burning, trees	Smooth grass/rushes: no rock, trees
488	11.4	0.1	Dry heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: erosion, no trees
489	1.6	N.S	Smooth grass/low scrub: no rock, no trees	Dry heather moor: no rock, no burning, no trees
490	N.S	N.S	Dry heather moor: no rock, burning, no trees	Undiff. low scrub
491	8.5	0.1	Dry heather moor: no rock, no burning, trees	Undiff. smooth grass.: no rock, trees
494	0.9	N.S	Undiff. Nardus/Molinia: rock, no trees	Undiff. heather moor: rock, no burning, no trees
500	1.2	N.S	Undiff. heather moor: no rock, no burning, trees	Blanket bog/peat. veg.: no erosion, trees
505	0.1	N.S	Smooth grass/low scrub: rock, no trees	Undiff. bracken: rock, no trees
506	0.2	N.S	Links area: grass	Links area: heath
507	0.5	N.S	Smooth grass/low scrub: no rock, no trees	Imp. pasture: no rock, no farms, no trees
512	0.9	N.S	Wet heather moor: no rock, no burning, trees	Smooth grass/rushes: no rock, trees
521	0.2	N.S	Wet heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
523	1.9	N.S	Smooth grass/rushes: no rock, no trees	Dry heather moor: no rock, no burning, no trees
524	6.7	0.1	Smooth grass/rushes: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
525	17.0	0.2	Blanket bog/peat. veg.: no erosion, no trees	Undiff. heather moor: no rock, burning, no trees
528	0.2	N.S	Undiff. smooth grass.: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
532	0.2	N.S	Dry heather moor: no rock, burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
533	0.6	N.S	Smooth grass/low scrub: no rock, trees	Undiff. bracken: no rock, trees
534	3.2	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. low scrub
535	0.1	N.S	Dry heather moor: no rock, no burning, trees	Undiff. low scrub
536	0.9	N.S	Dry heather moor: no rock, no burning, trees	Blanket bog/peat. veg.: no erosion, no trees
537	0.6	N.S	Undiff. mixed woodland (area)	Undiff. low scrub
543	0.1	N.S	Undiff. Nardus/Molinia: rock, no trees	Smooth grass/rushes: no rock, no trees
546	0.6	N.S	Golf course	Partially stabilized dunes
547	0.2	N.S	Undiff. low scrub	Undiff. mixed woodland (area)
549	1.2	N.S	Undiff. broadleaved (area)	Undiff. low scrub
552	47.4	0.5	Dry heather moor: no rock, burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
554	0.6	N.S	Smooth grass/low scrub: rock, no trees	Smooth grass/rushes: no rock, no trees
556	N.S	N.S	Wet heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: erosion, no trees
557	0.3	N.S	Undiff. bracken: rock, no trees	Undiff. smooth grass.: rock, no trees
564	20.4	0.2	Undiff. Nardus/Molinia: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
565	0.2	N.S	Blanket bog/peat. veg.: erosion, no trees	Wet heather moor: no rock, no burning, no trees
566	0.2	N.S	Coniferous plantation (area)	Open canopy (young plantation)
567	0.5	N.S	Wet heather moor: rock, no burning, no trees	Imp. pasture: no rock, no farms, no trees
568	3.6	N.S	Dry heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: rock, no trees
590	0.9	N.S	Smooth grass/low scrub: no rock, trees	Smooth grass/rushes: no rock, no trees
599	0.8	N.S	Blanket bog/peat. veg.: erosion, no trees	Undiff. montane veg.: rock

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Table 6.0.3 Total audit of land cover features in Grampian Region in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
602	13.5	0.2	Blanket bog/peat. veg.: erosion, no trees	Undiff. montane veg.: no rock
603	16.3	0.2	Undiff. montane veg.: no rock	Blanket bog/peat. veg.: erosion, no trees
605	1.5	N.S	Imp. pasture: rock, no farms, no trees	Smooth grass/low scrub: rock, no trees
607	8.3	0.1	Undiff. montane veg.: rock	Blanket bog/peat. veg.: erosion, no trees
608	1.4	N.S	Undiff. montane veg.: rock	Blanket bog/peat. veg.: no erosion, no trees
611	0.1	N.S	Undiff. mixed woodland (area)	Rhododendron scrub
612	0.3	N.S	Smooth grass/low scrub: rock, no trees	Rock and cliffs (area)
620	4.0	N.S	Undiff. montane veg.: no rock	Blanket bog/peat. veg.: no erosion, no trees
625	0.4	N.S	Blanket bog/peat. veg.: no erosion, no trees	Undiff. montane veg.: rock
627	4.0	N.S	Blanket bog/peat. veg.: no erosion, no trees	Undiff. montane veg.: no rock
628	0.6	N.S	Undiff. bracken: no rock, trees	Smooth grass/low scrub: no rock, trees
629	N.S	N.S	Recent ploughing for forestry	Undiff. mixed woodland (area)
630	1.1	N.S	Dry heather moor: no rock, no burning, trees	Smooth grass/low scrub: no rock, trees
631	8.3	0.1	Undiff. smooth grass.: no rock, no trees	Dry heather moor: no rock, no burning, no trees
632	0.7	N.S	Undiff. heather moor: rock, no burning, no trees	Rock and cliffs (area)
634	1.1	N.S	Blanket bog/peat. veg.: erosion, no trees	Undiff. heather moor: rock, no burning, no trees
640	6.1	0.1	Undiff. heather moor: no rock, no burning, no trees	Undiff. montane veg.: no rock
642	0.1	N.S	Undiff. heather moor: no rock, no burning, no trees	Dry heather moor: no rock, no burning, no trees
643	0.4	N.S	Dry heather moor: no rock, no burning, trees	Blanket bog/peat. veg.: no erosion, trees
644	1.0	N.S	Blanket bog/peat. veg.: no erosion, trees	Undiff. heather moor: no rock, no burning, trees
645	N.S	N.S	Undiff. bracken: no rock, no trees	Smooth grass/low scrub: no rock, no trees
650	9.1	0.1	Dry heather moor: no rock, burning, no trees	Blanket bog/peat. veg.: erosion, no trees
651	1.9	N.S	Undiff. smooth grass.: no rock, trees	Smooth grass/rushes: no rock, no trees
652	2.0	N.S	Imp. pasture: no rock, no farms, no trees	Smooth grass/low scrub: no rock, trees
659	1.3	N.S	Undiff. bracken: no rock, no trees	Dry heather moor: no rock, no burning, no trees
660	0.2	N.S	Imp. pasture: no rock, no farms, no trees	Smooth grass/low scrub: rock, no trees
662	0.1	N.S	Undiff. smooth grass.: no rock, no trees	Coniferous plantation (area)
663	0.1	N.S	Coniferous plantation (area)	Undiff. smooth grass.: no rock, no trees
674	0.3	N.S	Undiff. low scrub	Imp. pasture: no rock, no farms, no trees
675	0.3	N.S	Blanket bog/peat. veg.: no erosion, trees	Undiff. broadleaved (area)
676	0.1	N.S	Undiff. broadleaved (area)	Smooth grass/rushes: no rock, no trees
680	1.2	N.S	Dry heather moor: no rock, no burning, no trees	Quarries and opencast (area)
681	0.1	N.S	Dry heather moor: no rock, burning, no trees	Quarries and opencast (area)
682	0.1	N.S	Imp. pasture: no rock, no farms, trees	Undiff. low scrub
683	4.8	0.1	Smooth grass/low scrub: rock, trees	Undiff. bracken: rock, trees
684	1.0	N.S	Undiff. smooth grass.: rock, trees	Dry heather moor: rock, no burning, trees
695	44.8	0.5	Undiff. heather moor: no rock, burning, no trees	Smooth grass/rushes: no rock, no trees
696	0.6	N.S	Dry heather moor: no rock, no burning, no trees	Imp. pasture: no rock, no farms, no trees
697	0.1	N.S	Smooth grass/rushes: no rock, no trees	Wetlands: no drains, no trees
705	0.7	N.S	Rock and cliffs (area)	Smooth grass/low scrub: rock, no trees
706	0.1	N.S	Rock and cliffs (area)	Undiff. smooth grass.: no rock, no trees
707	2.9	N.S	Dry heather moor: no rock, no burning, trees	Smooth grass/rushes: no rock, no trees
708	N.S	N.S	Undiff. bracken: no rock, no trees	Dry heather moor: no rock, burning, no trees
709	0.7	N.S	Smooth grass/rushes: no rock, no trees	Smooth grass/low scrub: no rock, trees
710	1.0	N.S	Smooth grass/low scrub: no rock, trees	Imp. pasture: no rock, no farms, no trees
711	0.6	N.S	Undiff. broadleaved (area)	Smooth grass/low scrub: no rock, trees
712	0.6	N.S	Smooth grass/low scrub: no rock, trees	Undiff. broadleaved (area)
713	N.S	N.S	Undiff. low scrub	Undiff. smooth grass.: no rock, no trees
714	0.3	N.S	Rock and cliffs (area)	Smooth grass/low scrub: no rock, no trees
716	0.1	N.S	Smooth grass/rushes: rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
722	0.3	N.S	Smooth grass/low scrub: no rock, trees	Dry heather moor: no rock, no burning, no trees

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Table 6.0.3 Total audit of land cover features in Grampian Region in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
728	1.0	N.S	Blanket bog/peat. veg.: erosion, no trees	Dry heather moor: no rock, no burning, no trees
729	0.2	N.S	Undiff. smooth grass.: no rock, no trees	Dry heather moor: no rock, burning, no trees
730	1.8	N.S	Blanket bog/peat. veg.: erosion, no trees	Dry heather moor: no rock, burning, no trees
731	0.2	N.S	Dry heather moor: no rock, no burning, no trees	Smooth grass/low scrub: no rock, trees
733	0.2	N.S	Undiff. mixed woodland (area)	Dry heather moor: no rock, no burning, trees
736	21.2	0.2	Blanket bog/peat. veg.: erosion, no trees	Undiff. heather moor: no rock, no burning, no trees
741	0.2	N.S	Undiff. heather moor: no rock, no burning, trees	Undiff. Nardus/Molinia: no rock, trees
746	0.3	N.S	Dry heather moor: rock, no burning, trees	Undiff. bracken: rock, trees
747	0.1	N.S	Links area: grass	Smooth grass/low scrub: no rock, trees
748	0.2	N.S	Partially stabilized dunes	Undiff. low scrub
749	0.2	N.S	Undiff. Nardus/Molinia: no rock, trees	Dry heather moor: no rock, no burning, trees
750	0.9	N.S	Blanket bog/peat. veg.: no erosion, trees	Smooth grass/rushes: no rock, trees
751	0.5	N.S	Undiff. broadleaved (area)	Undiff. smooth grass.: no rock, no trees
752	0.3	N.S	Dry heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, trees
756	2.3	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. smooth grass.: no rock, trees
761	0.2	N.S	Undiff. smooth grass.: no rock, no trees	Undiff. low scrub
762	0.1	N.S	Undiff. Nardus/Molinia: no rock, no trees	Dry heather moor: no rock, no burning, no trees
779	0.5	N.S	Dry heather moor: rock, no burning, no trees	Rock and cliffs (area)
783	0.1	N.S	Undiff. smooth grass.: rock, trees	Undiff. heather moor: rock, no burning, trees
789	0.7	N.S	Imp. pasture: no rock, no farms, trees	Undiff. smooth grass.: rock, trees
791	0.2	N.S	Imp. pasture: no rock, no farms, trees	Smooth grass/low scrub: no rock, trees
798	0.9	N.S	Smooth grass/low scrub: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
801	0.3	N.S	Smooth grass/low scrub: no rock, trees	Smooth grass/rushes: no rock, trees
803	0.2	N.S	Smooth grass/rushes: rock, no trees	Undiff. smooth grass.: rock, no trees
804	0.7	N.S	Smooth grass/low scrub: rock, no trees	Imp. pasture: no rock, no farms, no trees
805	0.1	N.S	Smooth grass/rushes: no rock, trees	Blanket bog/peat. veg.: erosion, trees
809	1.1	N.S	Undiff. heather moor: no rock, no burning, no trees	Undiff. low scrub
815	0.1	N.S	Coniferous plantation (area)	Smooth grass/low scrub: no rock, no trees
820	0.1	N.S	Undiff. Nardus/Molinia: no rock, no trees	Dry heather moor: no rock, burning, no trees
825	0.8	N.S	Smooth grass/rushes: no rock, trees	Undiff. low scrub
848	5.2	0.1	Blanket bog/peat. veg.: erosion, no trees	Undiff. heather moor: no rock, burning, no trees
850	0.2	N.S	Undiff. heather moor: rock, no burning, no trees	Smooth grass/rushes: no rock, no trees
857	0.3	N.S	Undiff. heather moor: no rock, no burning, no trees	Smooth grass/low scrub: no rock, trees
860	7.6	0.1	Undiff. heather moor: no rock, burning, no trees	Blanket bog/peat. veg.: erosion, no trees
873	3.4	N.S	Undiff. montane veg.: rock	Undiff. heather moor: rock, no burning, no trees
876	0.9	N.S	Smooth grass/rushes: no rock, trees	Dry heather moor: no rock, no burning, trees
877	0.1	N.S	Cliffs (line)	Wet heather moor: no rock, no burning, trees
890	10.1	0.1	Undiff. montane veg.: no rock	Undiff. heather moor: no rock, no burning, no trees
891	2.2	N.S	Undiff. montane veg.: rock	Undiff. heather moor: no rock, no burning, no trees
892	10.0	0.1	Dry heather moor: no rock, no burning, no trees	Undiff. montane veg.: no rock
893	5.6	0.1	Undiff. montane veg.: no rock	Dry heather moor: no rock, no burning, no trees
894	0.2	N.S	Recently felled forestry	Coniferous semi-natural (point)
895	0.5	N.S	Open canopy (young plantation)	Coniferous semi-natural (point)
896	7.6	0.1	Undiff. montane veg.: rock	Dry heather moor: rock, no burning, no trees
902	0.3	N.S	Undiff. mixed woodland (area)	Built-up (area)
904	8.8	0.1	Dry heather moor: rock, no burning, no trees	Undiff. montane veg.: rock
905	0.5	N.S	Undiff. heather moor: no rock, no burning, no trees	Undiff. montane veg.: rock
912	4.0	N.S	Undiff. heather moor: rock, no burning, no trees	Undiff. montane veg.: rock
918	0.1	N.S	Dry heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: rock, trees
920	2.6	N.S	Dry heather moor: no rock, burning, no trees	Undiff. montane veg.: no rock
921	10.9	0.1	Undiff. montane veg.: rock	Dry heather moor: no rock, no burning, no trees

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Table 6.0.3 Total audit of land cover features in Grampian Region in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
925	0.8	N.S	Undiff. Nardus/Molinia: no rock, trees	Undiff. heather moor: no rock, no burning, trees
929	0.7	N.S	Undiff. Nardus/Molinia: no rock, no trees	Undiff. heather moor: rock, no burning, no trees
933	1.0	N.S	Undiff. heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
937	0.9	N.S	Smooth grass/low scrub: rock, no trees	Blanket bog/peat. veg.: no erosion, trees
938	0.2	N.S	Blanket bog/peat. veg.: erosion, no trees	Smooth grass/rushes: no rock, no trees
948	32.0	0.4	Dry heather moor: no rock, no burning, no trees	Undiff. montane veg.: rock
950	1.2	N.S	Dry heather moor: no rock, no burning, trees	Undiff. Nardus/Molinia: no rock, trees
951	0.1	N.S	Undiff. broadleaved (area)	Coniferous semi-natural (area)
952	0.2	N.S	Undiff. heather moor: no rock, no burning, trees	Blanket bog/peat. veg.: erosion, no trees
953	0.2	N.S	Undiff. smooth grass.: no rock, no trees	Blanket bog/peat. veg.: erosion, no trees
956	0.2	N.S	Dry heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
958	0.1	N.S	Undiff. broadleaved (area)	Smooth grass/low scrub: rock, no trees
959	0.2	N.S	Undiff. low scrub	Dry heather moor: rock, no burning, no trees
960	0.5	N.S	Imp. pasture: no rock, no farms, trees	Smooth grass/low scrub: rock, trees
961	0.1	N.S	Imp. pasture: no rock, no farms, trees	Undiff. smooth grass.: no rock, trees
962	0.2	N.S	Imp. pasture: rock, no farms, no trees	Smooth grass/low scrub: no rock, trees
963	0.1	N.S	Dry heather moor: rock, no burning, trees	Smooth grass/low scrub: rock, no trees
964	0.8	N.S	Smooth grass/low scrub: rock, no trees	Dry heather moor: rock, no burning, no trees
965	0.3	N.S	Smooth grass/low scrub: rock, trees	Smooth grass/rushes: no rock, trees
966	0.4	N.S	Blanket bog/peat. veg.: no erosion, trees	Smooth grass/low scrub: no rock, trees
967	0.6	N.S	Blanket bog/peat. veg.: no erosion, trees	Undiff. smooth grass.: no rock, no trees
973	2.1	N.S	Wet heather moor: no rock, burning, no trees	Smooth grass/rushes: no rock, no trees
974	1.7	N.S	Smooth grass/rushes: no rock, no trees	Undiff. heather moor: no rock, burning, no trees
975	0.7	N.S	Blanket bog/peat. veg.: no erosion, no trees	Dry heather moor: no rock, no burning, no trees
979	0.2	N.S	Imp. pasture: no rock, no farms, no trees	Smooth grass/rushes: no rock, trees
984	1.2	N.S	Undiff. Nardus/Molinia: rock, trees	Undiff. bracken: no rock, no trees
985	0.9	N.S	Undiff. montane veg.: rock	Rock and cliffs (area)
986	0.1	N.S	Dry heather moor: no rock, no burning, trees	Wet heather moor: no rock, no burning, trees
992	1.2	N.S	Smooth grass/rushes: no rock, no trees	Blanket bog/peat. veg.: erosion, no trees
993	0.2	N.S	Coniferous plantation (area)	Undiff. heather moor: no rock, no burning, no trees
994	0.1	N.S	Dry heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: erosion, no trees
996	0.4	N.S	Undiff. smooth grass.: rock, trees	Dry heather moor: rock, no burning, no trees
1016	0.9	N.S	Dry heather moor: rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
1020	0.4	N.S	Smooth grass/rushes: no rock, trees	Smooth grass/rushes: no rock, no trees
1023	0.1	N.S	Undiff. montane veg.: no rock	Dry heather moor: no rock, burning, no trees
1026	0.2	N.S	Smooth grass/low scrub: no rock, trees	Dry heather moor: no rock, no burning, trees
1027	1.2	N.S	Smooth grass/rushes: no rock, trees	Undiff. heather moor: no rock, no burning, trees
1035	0.2	N.S	Coniferous plantation (area)	Dry heather moor: no rock, no burning, no trees
1036	0.4	N.S	Undiff. mixed woodland (area)	Undiff. smooth grass.: no rock, no trees
1040	3.6	N.S	Dry heather moor: rock, no burning, no trees	Undiff. montane veg.: no rock
1073	0.2	N.S	Undiff. heather moor: no rock, no burning, trees	Blanket bog/peat. veg.: no erosion, no trees
1074	0.8	N.S	Undiff. broadleaved (area)	Imp. pasture: no rock, no farms, no trees
1076	2.6	N.S	Dry heather moor: no rock, no burning, trees	Smooth grass/rushes: no rock, trees
1077	0.2	N.S	Smooth grass/rushes: no rock, trees	Wetlands: no drains, trees
1078	0.5	N.S	Undiff. mixed woodland (area)	Smooth grass/low scrub: no rock, no trees
1079	0.2	N.S	Wetlands: no drains, trees	Smooth grass/low scrub: no rock, trees
1080	0.1	N.S	Links area: grass	Built-up (area)
1081	1.9	N.S	Golf course	Undiff. low scrub
1082	0.1	N.S	Smooth grass/low scrub: no rock, trees	Smooth grass/low scrub: rock, no trees
1083	0.1	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. broadleaved (area)
1087	0.8	N.S	Undiff. heather moor: rock, burning, no trees	Undiff. smooth grass.: rock, no trees

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Table 6.0.3 Total audit of land cover features in Grampian Region in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
1089	0.1	N.S	Built-up (area)	Undiff. mixed woodland (area)
1090	0.2	N.S	Undiff. mixed woodland (area)	Smooth grass/low scrub: no rock, trees
1091	0.1	N.S	Undiff. low scrub	Undiff. smooth grass.: no rock, trees
1092	0.5	N.S	Open canopy (young plantation)	Undiff. mixed woodland (area)
1093	0.6	N.S	Open canopy (young plantation)	Dry heather moor: no rock, no burning, no trees
1094	0.6	N.S	Undiff. heather moor: no rock, no burning, no trees	Coniferous plantation (area)
1095	0.6	N.S	Undiff. smooth grass.: no rock, no trees	Undiff. broadleaved (area)
1096	0.8	N.S	Undiff. smooth grass.: no rock, trees	Dry heather moor: no rock, no burning, no trees
1097	1.9	N.S	Blanket bog/peat. veg.: no erosion, no trees	Dry heather moor: no rock, burning, no trees
1098	0.4	N.S	Undiff. broadleaved (area)	Undiff. smooth grass.: no rock, trees
1099	0.6	N.S	Undiff. broadleaved (area)	Built-up (area)
1100	0.9	N.S	Smooth grass/rushes: no rock, trees	Undiff. smooth grass.: no rock, trees
1101	N.S	N.S	Undiff. broadleaved (area)	Recreational land
1102	0.7	N.S	Undiff. heather moor: no rock, burning, trees	Smooth grass/rushes: no rock, trees
1103	4.3	N.S	Smooth grass/rushes: no rock, no trees	Dry heather moor: no rock, burning, no trees
1104	0.4	N.S	Smooth grass/rushes: no rock, no trees	Wet heather moor: no rock, burning, no trees
1105	2.6	N.S	Undiff. smooth grass.: no rock, trees	Dry heather moor: no rock, burning, trees
1106	0.2	N.S	Wet heather moor: no rock, burning, trees	Smooth grass/rushes: no rock, trees
1107	0.3	N.S	Wet heather moor: no rock, no burning, trees	Smooth grass/low scrub: no rock, no trees
1108	0.2	N.S	Undiff. broadleaved (area)	Blanket bog/peat. veg.: no erosion, no trees
1115	0.1	N.S	Smooth grass/low scrub: no rock, trees	Undiff. smooth grass.: no rock, trees
1116	0.3	N.S	Dry heather moor: no rock, burning, no trees	Undiff. montane veg.: rock
1119	0.3	N.S	Dry heather moor: no rock, burning, trees	Smooth grass/rushes: no rock, no trees
1120	0.4	N.S	Smooth grass/rushes: no rock, trees	Wet heather moor: no rock, no burning, trees
1125	1.2	N.S	Dry heather moor: no rock, burning, trees	Smooth grass/rushes: no rock, trees
1127	0.5	N.S	Dry heather moor: no rock, burning, trees	Undiff. smooth grass.: no rock, trees
1128	1.7	N.S	Undiff. heather moor: no rock, no burning, no trees	Rock and cliffs (area)
1129	0.4	N.S	Undiff. heather moor: no rock, no burning, trees	Smooth grass/rushes: no rock, no trees
1131	0.2	N.S	Dry heather moor: no rock, burning, no trees	Rock and cliffs (area)
1132	0.1	N.S	Smooth grass/rushes: no rock, no trees	Undiff. smooth grass.: no rock, trees
1133	1.0	N.S	Dry heather moor: no rock, no burning, no trees	Rock and cliffs (area)
1134	0.1	N.S	Undiff. smooth grass.: no rock, no trees	Smooth grass/low scrub: no rock, trees
1136	0.5	N.S	Undiff. smooth grass.: rock, no trees	Wet heather moor: no rock, no burning, no trees
1137	0.2	N.S	Smooth grass/rushes: no rock, trees	Blanket bog/peat. veg.: no erosion, trees
1138	0.1	N.S	Undiff. smooth grass.: no rock, trees	Imp. pasture: no rock, no farms, trees
1140	0.2	N.S	Undiff. smooth grass.: rock, trees	Smooth grass/rushes: no rock, trees
1141	0.6	N.S	Dry heather moor: rock, burning, trees	Wet heather moor: rock, burning, trees
1142	0.1	N.S	Undiff. low scrub	Undiff. broadleaved (area)
1143	0.1	N.S	Smooth grass/rushes: rock, no trees	Undiff. low scrub
1154	0.2	N.S	Rock and cliffs (area)	Undiff. heather moor: no rock, no burning, no trees
1155	1.0	N.S	Undiff. heather moor: no rock, burning, no trees	Rock and cliffs (area)
1156	0.7	N.S	Undiff. smooth grass.: rock, no trees	Dry heather moor: rock, burning, no trees
1157	0.5	N.S	Ski tows	Undiff. heather moor: no rock, no burning, no trees
1158	0.2	N.S	Dry heather moor: rock, no burning, trees	Undiff. smooth grass.: rock, no trees
1159	0.2	N.S	Blanket bog/peat. veg.: erosion, no trees	Ski tows
1172	0.5	N.S	Undiff. smooth grass.: no rock, trees	Undiff. heather moor: no rock, burning, trees
1173	0.1	N.S	Undiff. smooth grass.: no rock, trees	Dry heather moor: no rock, burning, no trees
TOTAL	8755.3	100.0		

Cover types		single feature		features in mosaics	
		area	%	primary	secondary
Open countryside					
A	Arable	48.8	26.0	0	0
B	Improved grassland	40.7	21.7	6.0	0
C	Good rough grassland	6.6	3.5	1.2	6.9
D	Poor rough grassland	0	0	0	0
E	Bracken	0	0	0	0
F	Heather moorland	1.1	0.6	0.4	0
G	Peatland	0.3	0.2	0	0
H	Montane	0	0	0	0
I	Rock and cliffs	0	0	0	0
Woodland					
J	Felled woodland	0.4	0.2	0	0
K	Recent planting	0.2	0.1	0	0
L	Coniferous plantation	11.2	6.0	0	0
M	Semi-natural coniferous	0	0	0	0
N	Mixed woodland	1.3	0.7	0	0
O	Broadleaved	2.6	1.4	0.3	0.2
P	Scrub	0.7	0.4	0	0.9
Wet ground					
Q	Fresh waters	1.6	0.8	0	0
R	Marshes	0.2	0.1	0	0
S	Saltmarshes	0	0	0	0
T	Dunes	1.6	0.8	0	0
U	Tidal waters	1.2	0.6	0	0
Developed					
V	Rural development	8.5	4.5	0	0
W	Urban	52.8	28.1	0	0
Other					
X	Missing photography/obscured land	0	0	0	0
SUBTOTAL		179.9	95.8		
Y	Mosaics of types above	7.9	4.2	7.9	7.9
DISTRICT TOTAL		187.9	100.0		

Nationally significant mosaics			area	%
FG	Heather moorland	Peatland	0	0
DF	Poor rough grassland	Heather moorland	0	0
CF	Good rough grassland	Heather moorland	0.4	0.2
GH	Peatland	Montane	0	0
CD	Good rough grassland	Poor rough grassland	0	0
BC	Improved grassland	Good rough grassland	5.6	3.0
CE	Good rough grassland	Bracken	0	0
DG	Poor rough grassland	Peatland	0	0
FH	Heather moorland	Montane	0	0
SUBTOTAL			5.9	3.1
Locally significant mosaics			area	%
CO	Good rough grassland	Broadleaved	0.5	0.3
BP	Improved grassland	Scrub	0.4	0.2
CP	Good rough grassland	Scrub	0.4	0.2
SUBTOTAL			1.3	0.7
Remaining mosaics			0.7	0.4
MOSAICS OF SUMMARY COVER TYPES			7.9	4.2

Table 6.1.1

Aberdeen City District

Land cover summary categories

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not match the totals of the columns due to rounding error discrepancies; 0 = not present; NS = not significant = < 0.05. Please refer to Figure 6.2 for guidance in the interpretation of this table.

Table 6.1.2 Total audit of land cover features in Aberdeen City District in which all mosaics are allocated according to primary or secondary feature.

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05 sq km. Please refer to Figure 6.3 for guidance in the interpretation of this table.

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
4	2.0	0	0	Airfield
5	4.4	0	0	Golf course
7	0.3	0	0	Recreational land
12	1.5	0	0	Quarries and opencast (area)
14	0.3	0	0	Bings and refuse tips (area)
18	1.6	0	0	Water (area)
20	52.8	0	0	Built-up (area)
22	N.S	0	0	Transport features, rail
24	1.2	0	0	Estuary
70	11.2	0	0	Coniferous plantation (area)
76	2.6	0.3	0.2	Undiff. broadleaved (area)
79	1.3	0	0	Undiff. mixed woodland (area)
82	0.7	0	0.9	Undiff. low scrub
84	0.4	0	0	Recently felled forestry
85	0.2	0	0	Open canopy (young plantation)
90	39.8	6.0	0	Imp. pasture: no rock, no farms, no trees
91	0.9	N.S	0	Imp. pasture: no rock, no farms, trees
100	48.7	0	0	Arable: no rock, no farms, no trees
104	0.1	0	0	Arable: rock, no farms, no trees
110	0	0.2	0	Dry heather moor: no rock, no burning, no trees
111	0.5	0.1	0	Dry heather moor: no rock, no burning, trees
115	0.2	0	0	Dry heather moor: rock, no burning, trees
130	0.4	0.2	0	Undiff. heather moor: no rock, no burning, no trees
131	N.S	0	0	Undiff. heather moor: no rock, no burning, trees
150	0.4	0.4	4.4	Smooth grass/rushes: no rock, no trees
151	0.2	0	0	Smooth grass/rushes: no rock, trees
155	2.2	0	0.6	Smooth grass/low scrub: no rock, no trees
156	0.9	0.3	1.3	Smooth grass/low scrub: no rock, trees
157	0.5	0	0	Smooth grass/low scrub: rock, no trees
160	1.1	0.2	0.2	Undiff. smooth grass.: no rock, no trees
161	0.8	0.3	0.4	Undiff. smooth grass.: no rock, trees
162	0.6	0	0	Undiff. smooth grass.: rock, no trees
163	0	0	N.S	Undiff. smooth grass.: rock, trees
183	0.3	0	0	Blanket bog/peat. veg.: no erosion, trees
200	N.S	0	0	Wetlands: no drains, no trees
202	0.1	0	0	Wetlands: no drains, trees
210	0.2	0	0	Bare dunes
211	0.6	0	0	Partially stabilized dunes
212	0.8	0	0	Links area: grass
TOTAL	179.9	7.9	7.9	

Table 6.1.3 Total audit of land cover features in Aberdeen City District in which all mosaics are separately identified.
All areas are expressed in square kilometres to 1 decimal place; all percentages are expressed as % of the total area; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05

code	area	%	description	
4	2.0	1.1	Airfield	
5	4.4	2.3	Golf course	
7	0.3	0.1	Recreational land	
12	1.5	0.8	Quarries and opencast (area)	
14	0.3	0.2	Bings and refuse tips (area)	
18	1.6	0.8	Water (area)	
20	52.8	28.1	Built-up (area)	
22	N.S	N.S	Transport features, rail	
24	1.2	0.6	Estuary	
70	11.2	6.0	Coniferous plantation (area)	
76	2.6	1.4	Undiff. broadleaved (area)	
79	1.3	0.7	Undiff. mixed woodland (area)	
82	0.7	0.4	Undiff. low scrub	
84	0.4	0.2	Recently felled forestry	
85	0.2	0.1	Open canopy (young plantation)	
90	39.8	21.2	Imp. pasture: no rock, no farms, no trees	
91	0.9	0.5	Imp. pasture: no rock, no farms, trees	
100	48.7	25.9	Arable: no rock, no farms, no trees	
104	0.1	0.1	Arable: rock, no farms, no trees	
111	0.5	0.3	Dry heather moor: no rock, no burning, trees	
115	0.2	0.1	Dry heather moor: rock, no burning, trees	
130	0.4	0.2	Undiff. heather moor: no rock, no burning, no trees	
131	N.S	N.S	Undiff. heather moor: no rock, no burning, trees	
150	0.4	0.2	Smooth grass/rushes: no rock, no trees	
151	0.2	0.1	Smooth grass/rushes: no rock, trees	
155	2.2	1.2	Smooth grass/low scrub: no rock, no trees	
156	0.9	0.5	Smooth grass/low scrub: no rock, trees	
157	0.5	0.2	Smooth grass/low scrub: rock, no trees	
160	1.1	0.6	Undiff. smooth grass.: no rock, no trees	
161	0.8	0.4	Undiff. smooth grass.: no rock, trees	
162	0.6	0.3	Undiff. smooth grass.: rock, no trees	
183	0.3	0.2	Blanket bog/peat. veg.: no erosion, trees	
200	N.S	N.S	Wetlands: no drains, no trees	
202	0.1	0.1	Wetlands: no drains, trees	
210	0.2	0.1	Bare dunes	
211	0.6	0.3	Partially stabilized dunes	
212	0.8	0.4	Links area: grass	
code	area	%	primary feature	secondary feature
353	3.7	2.0	Imp. pasture: no rock, no farms, no trees	Smooth grass/rushes: no rock, no trees
386	0.4	0.2	Smooth grass/rushes: no rock, no trees	Undiff. low scrub
390	0.2	0.1	Imp. pasture: no rock, no farms, no trees	Undiff. smooth grass.: no rock, no trees
409	0.3	0.2	Imp. pasture: no rock, no farms, no trees	Smooth grass/low scrub: no rock, no trees
437	0.1	N.S	Undiff. heather moor: no rock, no burning, no trees	Smooth grass/rushes: no rock, no trees
473	0.2	0.1	Dry heather moor: no rock, no burning, no trees	Smooth grass/low scrub: no rock, no trees
491	0.1	N.S	Dry heather moor: no rock, no burning, trees	Undiff. smooth grass.: no rock, trees
534	0.4	0.2	Imp. pasture: no rock, no farms, no trees	Undiff. low scrub
590	0.3	0.2	Smooth grass/low scrub: no rock, trees	Smooth grass/rushes: no rock, no trees

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Table 6.1.3 Total audit of land cover features in Aberdeen City District in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
651	0.3	0.2	Undiff. smooth grass.: no rock, trees	Smooth grass/rushes: no rock, no trees
652	1.0	0.5	Imp. pasture: no rock, no farms, no trees	Smooth grass/low scrub: no rock, trees
711	0.3	0.2	Undiff. broadleaved (area)	Smooth grass/low scrub: no rock, trees
756	0.3	0.2	Imp. pasture: no rock, no farms, no trees	Undiff. smooth grass.: no rock, trees
789	N.S	N.S	Imp. pasture: no rock, no farms, trees	Undiff. smooth grass.: rock, trees
809	0.1	N.S	Undiff. heather moor: no rock, no burning, no trees	Undiff. low scrub
1095	0.2	0.1	Undiff. smooth grass.: no rock, no trees	Undiff. broadleaved (area)
TOTAL	187.9	100.0		

Cover types			single feature		features in mosaics	
			area	%	primary	secondary
Open countryside						
A	Arable		1182.0	77.1	0	0
B	Improved grassland		130.7	8.5	1.8	0.5
C	Good rough grassland		32.7	2.1	11.0	6.2
D	Poor rough grassland		0	0	0.7	0.2
E	Bracken		0	0	0	5.5
F	Heather moorland		12.0	0.8	1.3	0.8
G	Peatland		30.1	2.0	0.3	0.7
H	Montane		0	0	0	0
I	Rock and cliffs		N.S	N.S	0	0
Woodland						
J	Felled woodland		9.1	0.6	0	0
K	Recent planting		6.2	0.4	0	0
L	Coniferous plantation		41.5	2.7	0.1	0
M	Semi-natural coniferous		0	0	0	0
N	Mixed woodland		9.2	0.6	0	0
O	Broadleaved		7.8	0.5	N.S	0
P	Scrub		1.9	0.1	0.1	1.4
Wet ground						
Q	Fresh waters		2.9	0.2	0	0
R	Marshes		1.4	0.1	0	0
S	Saltmarshes		0	0	0	0
T	Dunes		9.7	0.6	0	0.6
U	Tidal waters		0.2	N.S	0	0
Developed						
V	Rural development		14.1	0.9	0.6	0
W	Urban		24.5	1.6	0	0
Other						
X	Missing photography/obscured land		0	0	0	0
	SUBTOTAL		1516.2	99.0		
Y	Mosaics of types above		15.9	1.0	15.9	15.9
	DISTRICT TOTAL		1532.1	100.0		

Nationally significant mosaics			area	%
FG	Heather moorland	Peatland	N.S	N.S
DF	Poor rough grassland	Heather moorland	0.3	N.S
CF	Good rough grassland	Heather moorland	1.5	0.1
GH	Peatland	Montane	0	0
CD	Good rough grassland	Poor rough grassland	0	0
BC	Improved grassland	Good rough grassland	1.7	0.1
CE	Good rough grassland	Bracken	5.5	0.4
DG	Poor rough grassland	Peatland	0.6	N.S
FH	Heather moorland	Montane	0	0
	SUBTOTAL		9.5	0.6
Locally significant mosaics			area	%
CP	Good rough grassland	Scrub	1.0	0.1
TV	Dunes	Rural development	0.6	N.S
BP	Improved grassland	Scrub	0.4	N.S
CG	Good rough grassland	Peatland	0.4	N.S
BF	Improved grassland	Heather moorland	0.2	N.S
	SUBTOTAL		2.6	0.2
Remaining mosaics			3.8	0.2
MOSAICS OF SUMMARY COVER TYPES			15.9	1.0

Table 6.2.1

Banff & Buchan District

Land cover summary categories

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not match the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05. Please refer to Figure 6.2 for guidance in the interpretation of this table.

Table 6.2.2 Total audit of land cover features in Banff & Buchan District in which all mosaics are allocated according to primary or secondary feature.

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05 sq km. Please refer to Figure 6.3 for guidance in the interpretation of this table.

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
3	1.4	0	0	Factory
4	6.6	0	0	Airfield
5	2.8	0.6	0	Golf course
6	0.1	0	0	Cemeteries
7	0.2	0	0	Recreational land
10	N.S	0	0	Rock and cliffs (area)
12	2.9	0	0	Quarries and opencast (area)
14	N.S	0	0	Bings and refuse tips (area)
18	2.9	0	0	Water (area)
20	24.5	0	0	Built-up (area)
22	N.S	0	0	Transport features, rail
24	0.2	0	0	Estuary
70	41.5	0.1	0	Coniferous plantation (area)
76	7.7	N.S	0	Undiff. broadleaved (area)
78	N.S	0	0	Undiff. broadleaved (point)
79	9.2	0	0	Undiff. mixed woodland (area)
82	1.9	0.1	1.4	Undiff. low scrub
83	1.9	0	0	Recent ploughing for forestry
84	9.1	0	0	Recently felled forestry
85	4.4	0	0	Open canopy (young plantation)
90	128.0	1.1	0.5	Imp. pasture: no rock, no farms, no trees
91	1.3	0.1	0	Imp. pasture: no rock, no farms, trees
94	1.3	0.6	0	Imp. pasture: rock, no farms, no trees
100	1180.2	0	0	Arable: no rock, no farms, no trees
101	0.7	0	0	Arable: no rock, no farms, trees
104	1.0	0	0	Arable: rock, no farms, no trees
110	2.4	0.4	0.4	Dry heather moor: no rock, no burning, no trees
111	0.1	0	N.S	Dry heather moor: no rock, no burning, trees
114	0.4	0	0	Dry heather moor: rock, no burning, no trees
115	0	0	0.1	Dry heather moor: rock, no burning, trees
120	0	0.2	0.1	Wet heather moor: no rock, no burning, no trees
130	0.5	0	0.1	Undiff. heather moor: no rock, no burning, no trees
131	0.5	0.8	0	Undiff. heather moor: no rock, no burning, trees
132	8.0	0	0	Undiff. heather moor: no rock, burning, no trees
140	0	0.7	0.2	Undiff. Nardus/Molinia: no rock, no trees
150	8.2	1.2	3.5	Smooth grass/rushes: no rock, no trees
151	1.1	0.9	0.8	Smooth grass/rushes: no rock, trees
152	0.1	0.3	0	Smooth grass/rushes: rock, no trees
155	3.1	2.0	0.9	Smooth grass/low scrub: no rock, no trees
156	0.5	0.5	0.1	Smooth grass/low scrub: no rock, trees
157	8.2	0.2	0.6	Smooth grass/low scrub: rock, no trees
158	0.7	4.8	0	Smooth grass/low scrub: rock, trees
160	4.4	0.6	0	Undiff. smooth grass.: no rock, no trees
161	4.2	0.2	0	Undiff. smooth grass.: no rock, trees

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Table 6.2.2 Total audit of land cover features in Banff & Buchan District in which all mosaics are allocated according to primary or secondary feature (continued).

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
162	1.2	0.2	0.2	Undiff. smooth grass.: rock, no trees
163	0.9	0.1	0	Undiff. smooth grass.: rock, trees
171	0	0	0.3	Undiff. bracken: no rock, trees
172	0	0	0.3	Undiff. bracken: rock, no trees
173	0	0	4.8	Undiff. bracken: rock, trees
180	0.4	N.S	0	Blanket bog/peat. veg.: erosion, no trees
181	0	0	0.1	Blanket bog/peat. veg.: erosion, trees
182	7.9	0.2	0.6	Blanket bog/peat. veg.: no erosion, no trees
183	3.7	0	0	Blanket bog/peat. veg.: no erosion, trees
185	4.5	0	0	Blanket bog/peat. veg.: industrial peat workings
186	13.6	0	0	Blanket bog/peat. veg.: other peat workings
200	0.1	0	0	Wetlands: no drains, no trees
201	0.8	0	0	Wetlands: drains, no trees
203	0.5	0	0	Wetlands: drains, trees
210	1.3	0	0	Bare dunes
211	7.0	0	0.6	Partially stabilized dunes
212	1.4	0	0	Links area: grass
TOTAL	1516.2	15.9	15.9	

Table 6.2.3 Total audit of land cover features in Banff & Buchan District in which all mosaics are separately identified.

All areas are expressed in square kilometres to 1 decimal place; all percentages are expressed as % of the total area; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05

code	area	%	description
3	1.4	0.1	Factory
4	6.6	0.4	Airfield
5	2.8	0.2	Golf course
6	0.1	N.S	Cemeteries
7	0.2	N.S	Recreational land
10	N.S	N.S	Rock and cliffs (area)
12	2.9	0.2	Quarries and opencast (area)
14	N.S	N.S	Bings and refuse tips (area)
18	2.9	0.2	Water (area)
20	24.5	1.6	Built-up (area)
22	N.S	N.S	Transport features, rail
24	0.2	N.S	Estuary
70	41.5	2.7	Coniferous plantation (area)
76	7.7	0.5	Undiff. broadleaved (area)
78	N.S	N.S	Undiff. broadleaved (point)
79	9.2	0.6	Undiff. mixed woodland (area)
82	1.9	0.1	Undiff. low scrub
83	1.9	0.1	Recent ploughing for forestry
84	9.1	0.6	Recently felled forestry
85	4.4	0.3	Open canopy (young plantation)
90	128.0	8.4	Imp. pasture: no rock, no farms, no trees

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Table 6.2.3 Total audit of land cover features in Banff & Buchan District in which all mosaics are separately identified (continued).

code	area	%	description	
91	1.3	0.1	Imp. pasture: no rock, no farms, trees	
94	1.3	0.1	Imp. pasture: rock, no farms, no trees	
100	1180.2	77.0	Arable: no rock, no farms, no trees	
101	0.7	N.S	Arable: no rock, no farms, trees	
104	1.0	0.1	Arable: rock, no farms, no trees	
110	2.4	0.2	Dry heather moor: no rock, no burning, no trees	
111	0.1	N.S	Dry heather moor: no rock, no burning, trees	
114	0.4	N.S	Dry heather moor: rock, no burning, no trees	
130	0.5	N.S	Undiff. heather moor: no rock, no burning, no trees	
131	0.5	N.S	Undiff. heather moor: no rock, no burning, trees	
132	8.0	0.5	Undiff. heather moor: no rock, burning, no trees	
150	8.2	0.5	Smooth grass/rushes: no rock, no trees	
151	1.1	0.1	Smooth grass/rushes: no rock, trees	
152	0.1	N.S	Smooth grass/rushes: rock, no trees	
155	3.1	0.2	Smooth grass/low scrub: no rock, no trees	
156	0.5	N.S	Smooth grass/low scrub: no rock, trees	
157	8.2	0.5	Smooth grass/low scrub: rock, no trees	
158	0.7	N.S	Smooth grass/low scrub: rock, trees	
160	4.4	0.3	Undiff. smooth grass.: no rock, no trees	
161	4.2	0.3	Undiff. smooth grass.: no rock, trees	
162	1.2	0.1	Undiff. smooth grass.: rock, no trees	
163	0.9	0.1	Undiff. smooth grass.: rock, trees	
180	0.4	N.S	Blanket bog/peat. veg.: erosion, no trees	
182	7.9	0.5	Blanket bog/peat. veg.: no erosion, no trees	
183	3.7	0.2	Blanket bog/peat. veg.: no erosion, trees	
185	4.5	0.3	Blanket bog/peat. veg.: industrial peat workings	
186	13.6	0.9	Blanket bog/peat. veg.: other peat workings	
200	0.1	N.S	Wetlands: no drains, no trees	
201	0.8	N.S	Wetlands: drains, no trees	
203	0.5	N.S	Wetlands: drains, trees	
210	1.3	0.1	Bare dunes	
211	7.0	0.5	Partially stabilized dunes	
212	1.4	0.1	Links area: grass	
code	area	%	primary feature	secondary feature
351	0.1	N.S	Smooth grass/rushes: no rock, no trees	Wet heather moor: no rock, no burning, no trees
353	0.6	N.S	Imp. pasture: no rock, no farms, no trees	Smooth grass/rushes: no rock, no trees
355	0.2	N.S	Blanket bog/peat. veg.: no erosion, no trees	Smooth grass/rushes: no rock, no trees
356	0.5	N.S	Undiff. smooth grass.: no rock, no trees	Smooth grass/rushes: no rock, no trees
386	0.1	N.S	Smooth grass/rushes: no rock, no trees	Undiff. low scrub
387	1.8	0.1	Smooth grass/low scrub: no rock, no trees	Smooth grass/rushes: no rock, no trees
395	0.6	N.S	Smooth grass/rushes: no rock, no trees	Smooth grass/low scrub: no rock, no trees
401	0.2	N.S	Undiff. smooth grass.: rock, no trees	Undiff. bracken: rock, no trees
406	N.S	N.S	Smooth grass/rushes: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
409	0.1	N.S	Imp. pasture: no rock, no farms, no trees	Smooth grass/low scrub: no rock, no trees
414	0.6	N.S	Undiff. Nardus/Molinia: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
432	N.S	N.S	Undiff. smooth grass.: no rock, trees	Dry heather moor: no rock, no burning, trees
472	0.1	N.S	Dry heather moor: no rock, no burning, no trees	Undiff. low scrub
475	0.1	N.S	Dry heather moor: no rock, no burning, no trees	Smooth grass/rushes: no rock, no trees

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Table 6.2.3 Total audit of land cover features in Banff & Buchan District in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
487	0.8	N.S	Undiff. heather moor: no rock, no burning, trees	Smooth grass/rushes: no rock, trees
489	0.1	N.S	Smooth grass/low scrub: no rock, no trees	Dry heather moor: no rock, no burning, no trees
505	0.1	N.S	Smooth grass/low scrub: rock, no trees	Undiff. bracken: rock, no trees
507	0.1	N.S	Smooth grass/low scrub: no rock, no trees	Imp. pasture: no rock, no farms, no trees
521	0.2	N.S	Wet heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
523	0.2	N.S	Smooth grass/rushes: no rock, no trees	Dry heather moor: no rock, no burning, no trees
533	0.3	N.S	Smooth grass/low scrub: no rock, trees	Undiff. bracken: no rock, trees
534	0.2	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. low scrub
546	0.6	N.S	Golf course	Partially stabilized dunes
564	0.1	N.S	Undiff. Nardus/Molinia: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
590	0.1	N.S	Smooth grass/low scrub: no rock, trees	Smooth grass/rushes: no rock, no trees
605	0.6	N.S	Imp. pasture: rock, no farms, no trees	Smooth grass/low scrub: rock, no trees
631	N.S	N.S	Undiff. smooth grass.: no rock, no trees	Dry heather moor: no rock, no burning, no trees
651	0.1	N.S	Undiff. smooth grass.: no rock, trees	Smooth grass/rushes: no rock, no trees
652	0.1	N.S	Imp. pasture: no rock, no farms, no trees	Smooth grass/low scrub: no rock, trees
674	0.1	N.S	Undiff. low scrub	Imp. pasture: no rock, no farms, no trees
676	N.S	N.S	Undiff. broadleaved (area)	Smooth grass/rushes: no rock, no trees
682	0.1	N.S	Imp. pasture: no rock, no farms, trees	Undiff. low scrub
683	4.8	0.3	Smooth grass/low scrub: rock, trees	Undiff. bracken: rock, trees
684	0.1	N.S	Undiff. smooth grass.: rock, trees	Dry heather moor: rock, no burning, trees
696	0.2	N.S	Dry heather moor: no rock, no burning, no trees	Imp. pasture: no rock, no farms, no trees
716	0.1	N.S	Smooth grass/rushes: rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
728	N.S	N.S	Blanket bog/peat. veg.: erosion, no trees	Dry heather moor: no rock, no burning, no trees
761	0.1	N.S	Undiff. smooth grass.: no rock, no trees	Undiff. low scrub
801	0.1	N.S	Smooth grass/low scrub: no rock, trees	Smooth grass/rushes: no rock, trees
803	0.2	N.S	Smooth grass/rushes: rock, no trees	Undiff. smooth grass.: rock, no trees
804	0.1	N.S	Smooth grass/low scrub: rock, no trees	Imp. pasture: no rock, no farms, no trees
805	0.1	N.S	Smooth grass/rushes: no rock, trees	Blanket bog/peat. veg.: erosion, trees
815	0.1	N.S	Coniferous plantation (area)	Smooth grass/low scrub: no rock, no trees
825	0.8	0.1	Smooth grass/rushes: no rock, trees	Undiff. low scrub
TOTAL	1532.1	100.0		

Cover types		single feature	
		area	%
Open countryside			
A	Arable	1053.4	47.4
B	Improved grassland	348.8	15.7
C	Good rough grassland	82.0	3.7
D	Poor rough grassland	0	0
E	Bracken	0	0
F	Heather moorland	210.4	9.5
G	Peatland	43.3	1.9
H	Montane	7.7	0.3
I	Rock and cliffs	0.2	N.S
Woodland			
J	Felled woodland	15.7	0.7
K	Recent planting	48.7	2.2
L	Coniferous plantation	239.7	10.8
M	Semi-natural coniferous	0.4	N.S
N	Mixed woodland	16.9	0.8
O	Broadleaved	18.5	0.8
P	Scrub	5.0	0.2
Wet ground			
Q	Fresh waters	3.6	0.2
R	Marshes	0.6	N.S
S	Saltmarshes	0.3	N.S
T	Dunes	12.6	0.6
U	Tidal waters	2.5	0.1
Developed			
V	Rural development	6.7	0.3
W	Urban	17.0	0.8
Other			
X	Missing photography/obscured land	0	0
SUBTOTAL		2134.0	96.0
Y	Mosaics of types above	88.3	4.0
DISTRICT TOTAL		2222.3	100.0

features in mosaics	
primary	secondary
0	0
10.0	0.4
24.5	46.4
1.8	0.2
0	N.S
40.9	19.8
6.0	15.2
3.9	1.7
0.1	0.3
0	0
0	0
0	0
0	0
0	0
0.3	0.4
0.4	2.2
0	0
0	0.2
0	0
0.2	0.2
0	0
0.2	1.4
0	0
0	0
88.3	88.3

Nationally significant mosaics		area	%
FG	Heather moorland Peatland	10.4	0.5
DF	Poor rough grassland Heather moorland	2.0	0.1
CF	Good rough grassland Heather moorland	41.7	1.9
GH	Peatland Montane	5.6	0.3
CD	Good rough grassland Poor rough grassland	0	0
BC	Improved grassland Good rough grassland	10.1	0.5
CE	Good rough grassland Bracken	N.S	N.S
DG	Poor rough grassland Peatland	0	0
FH	Heather moorland Montane	0	0
SUBTOTAL		69.8	3.1
Locally significant mosaics		area	%
CG	Good rough grassland Peatland	4.0	0.2
FV	Heather moorland Rural development	1.5	0.1
FP	Heather moorland Scrub	1.3	0.1
CP	Good rough grassland Scrub	0.7	N.S
GO	Peatland Broadleaved	0.4	N.S
SUBTOTAL		8.0	0.4
Remaining mosaics		10.5	0.5
MOAICS OF SUMMARY COVER TYPES		88.3	4.0

Table 6.3.1

Gordon District

Land cover summary categories

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not match the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05. Please refer to Figure 6.2 for guidance in the interpretation of this table.

Table 6.3.2 Total audit of land cover features in Gordon District in which all mosaics are allocated according to primary or secondary feature.

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05 sq km. Please refer to Figure 6.3 for guidance in the interpretation of this table.

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
3	0.4	0	0	Factory
5	3.2	0	0	Golf course
6	N.S	0	0	Cemeteries
7	0.1	0	0	Recreational land
10	0.2	0	0.3	Rock and cliffs (area)
11	0	0.1	0	Cliffs (line)
12	3.0	0	1.3	Quarries and opencast (area)
18	3.6	0	0	Water (area)
20	17.0	0	0	Built-up (area)
24	2.5	0	0	Estuary
28	0	0.2	0.1	Ski tows
70	239.7	0	0	Coniferous plantation (area)
73	0.4	0	0	Coniferous semi-natural (area)
76	18.4	0.3	0.4	Undiff. broadleaved (area)
77	0.1	0	0	Undiff. broadleaved (line)
78	N.S	0	0	Undiff. broadleaved (point)
79	16.9	0	0	Undiff. mixed woodland (area)
82	5.0	0.4	2.2	Undiff. low scrub
83	24.2	0	0	Recent ploughing for forestry
84	15.7	0	0	Recently felled forestry
85	22.8	0	0	Open canopy (young plantation)
87	1.8	0	0	Recent 'ripping' for forestry
90	333.4	8.3	0.4	Imp. pasture: no rock, no farms, no trees
91	9.7	1.1	0	Imp. pasture: no rock, no farms, trees
94	5.8	0.7	0	Imp. pasture: rock, no farms, no trees
100	1047.1	0	0	Arable: no rock, no farms, no trees
101	1.7	0	0	Arable: no rock, no farms, trees
104	4.6	0	0	Arable: rock, no farms, no trees
110	23.2	8.8	4.8	Dry heather moor: no rock, no burning, no trees
111	9.3	2.9	2.0	Dry heather moor: no rock, no burning, trees
112	130.9	10.6	1.9	Dry heather moor: no rock, burning, no trees
113	12.2	0.5	2.2	Dry heather moor: no rock, burning, trees
114	3.3	0.5	1.8	Dry heather moor: rock, no burning, no trees
115	0.2	0.2	0	Dry heather moor: rock, no burning, trees
116	5.9	0	0.7	Dry heather moor: rock, burning, no trees
117	0.7	0.6	0	Dry heather moor: rock, burning, trees
120	1.2	0	0.3	Wet heather moor: no rock, no burning, no trees
121	0.5	N.S	0.2	Wet heather moor: no rock, no burning, trees
122	2.6	1.6	1.1	Wet heather moor: no rock, burning, no trees
123	0.6	0.2	0	Wet heather moor: no rock, burning, trees
127	0	0	0.6	Wet heather moor: rock, burning, trees
130	6.9	2.6	3.8	Undiff. heather moor: no rock, no burning, no trees
131	0.1	0.9	0.4	Undiff. heather moor: no rock, no burning, trees
132	10.6	11.4	N.S	Undiff. heather moor: no rock, burning, no trees

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Table 6.3.2 Total audit of land cover features in Gordon District in which all mosaics are allocated according to primary or secondary feature (continued).

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
133	0.7	0	0	Undiff. heather moor: no rock, burning, trees
134	1.6	0.2	0.2	Undiff. heather moor: rock, no burning, no trees
140	0	1.7	0.2	Undiff. Nardus/Molinia: no rock, no trees
142	0	0.1	0	Undiff. Nardus/Molinia: rock, no trees
150	20.8	4.6	28.8	Smooth grass/rushes: no rock, no trees
151	3.7	0.7	1.7	Smooth grass/rushes: no rock, trees
152	0.6	0.1	0	Smooth grass/rushes: rock, no trees
155	13.9	2.2	0.8	Smooth grass/low scrub: no rock, no trees
156	6.1	N.S	0.5	Smooth grass/low scrub: no rock, trees
157	0.9	1.1	0.8	Smooth grass/low scrub: rock, no trees
158	1.6	0	0	Smooth grass/low scrub: rock, trees
160	18.0	8.4	9.2	Undiff. smooth grass.: no rock, no trees
161	12.6	5.0	3.4	Undiff. smooth grass.: no rock, trees
162	2.6	2.0	0.4	Undiff. smooth grass.: rock, no trees
163	1.3	0.4	0.7	Undiff. smooth grass.: rock, trees
170	0	0	N.S	Undiff. bracken: no rock, no trees
180	27.2	1.9	3.9	Blanket bog/peat. veg.: erosion, no trees
182	10.0	3.2	10.1	Blanket bog/peat. veg.: no erosion, no trees
183	5.3	0.3	0.9	Blanket bog/peat. veg.: no erosion, trees
186	0.8	0.6	0.3	Blanket bog/peat. veg.: other peat workings
190	0.3	0	0	Undiff. salt marsh: no trees
200	0.3	0	0	Wetlands: no drains, no trees
202	0.2	0	0.2	Wetlands: no drains, trees
210	1.8	0	0	Bare dunes
211	5.0	0	0	Partially stabilized dunes
212	2.2	0.2	0	Links area: grass
213	3.6	0	0.2	Links area: heath
222	2.7	1.4	0	Undiff. montane veg.: rock
223	5.0	2.5	1.7	Undiff. montane veg.: no rock
TOTAL	2134.0	88.3	88.3	

Table 6.3.3 Total audit of land cover features in Gordon District in which all mosaics are separately identified.

All areas are expressed in square kilometres to 1 decimal place; all percentages are expressed as % of the total area; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05

code	area	%	description
3	0.4	N.S	Factory
5	3.2	0.1	Golf course
6	N.S	N.S	Cemeteries
7	0.1	N.S	Recreational land
10	0.2	N.S	Rock and cliffs (area)
12	3.0	0.1	Quarries and opencast (area)
18	3.6	0.2	Water (area)
20	17.0	0.8	Built-up (area)

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Table 6.3.3 Total audit of land cover features in Gordon District in which all mosaics are separately identified (continued).

code	area	%	description
24	2.5	0.1	Estuary
70	239.7	10.8	Coniferous plantation (area)
73	0.4	N.S	Coniferous semi-natural (area)
76	18.4	0.8	Undiff. broadleaved (area)
77	0.1	N.S	Undiff. broadleaved (line)
78	N.S	N.S	Undiff. broadleaved (point)
79	16.9	0.8	Undiff. mixed woodland (area)
82	5.0	0.2	Undiff. low scrub
83	24.2	1.1	Recent ploughing for forestry
84	15.7	0.7	Recently felled forestry
85	22.8	1.0	Open canopy (young plantation)
87	1.8	0.1	Recent 'ripping' for forestry
90	333.4	15.0	Imp. pasture: no rock, no farms, no trees
91	9.7	0.4	Imp. pasture: no rock, no farms, trees
94	5.8	0.3	Imp. pasture: rock, no farms, no trees
100	1047.1	47.1	Arable: no rock, no farms, no trees
101	1.7	0.1	Arable: no rock, no farms, trees
104	4.6	0.2	Arable: rock, no farms, no trees
110	23.2	1.0	Dry heather moor: no rock, no burning, no trees
111	9.3	0.4	Dry heather moor: no rock, no burning, trees
112	130.9	5.9	Dry heather moor: no rock, burning, no trees
113	12.2	0.5	Dry heather moor: no rock, burning, trees
114	3.3	0.1	Dry heather moor: rock, no burning, no trees
115	0.2	N.S	Dry heather moor: rock, no burning, trees
116	5.9	0.3	Dry heather moor: rock, burning, no trees
117	0.7	N.S	Dry heather moor: rock, burning, trees
120	1.2	0.1	Wet heather moor: no rock, no burning, no trees
121	0.5	N.S	Wet heather moor: no rock, no burning, trees
122	2.6	0.1	Wet heather moor: no rock, burning, no trees
123	0.6	N.S	Wet heather moor: no rock, burning, trees
130	6.9	0.3	Undiff. heather moor: no rock, no burning, no trees
131	0.1	N.S	Undiff. heather moor: no rock, no burning, trees
132	10.6	0.5	Undiff. heather moor: no rock, burning, no trees
133	0.7	N.S	Undiff. heather moor: no rock, burning, trees
134	1.6	0.1	Undiff. heather moor: rock, no burning, no trees
150	20.8	0.9	Smooth grass/rushes: no rock, no trees
151	3.7	0.2	Smooth grass/rushes: no rock, trees
152	0.6	N.S	Smooth grass/rushes: rock, no trees
155	13.9	0.6	Smooth grass/low scrub: no rock, no trees
156	6.1	0.3	Smooth grass/low scrub: no rock, trees
157	0.9	N.S	Smooth grass/low scrub: rock, no trees
158	1.6	0.1	Smooth grass/low scrub: rock, trees
160	18.0	0.8	Undiff. smooth grass.: no rock, no trees
161	12.6	0.6	Undiff. smooth grass.: no rock, trees
162	2.6	0.1	Undiff. smooth grass.: rock, no trees
163	1.3	0.1	Undiff. smooth grass.: rock, trees
180	27.2	1.2	Blanket bog/peat. veg.: erosion, no trees
182	10.0	0.4	Blanket bog/peat. veg.: no erosion, no trees
183	5.3	0.2	Blanket bog/peat. veg.: no erosion, trees
186	0.8	N.S	Blanket bog/peat. veg.: other peat workings

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Table 6.3.3 Total audit of land cover features in Gordon District in which all mosaics are separately identified (continued).

code	area	%	description	
190	0.3	N.S	Undiff. salt marsh: no trees	
200	0.3	N.S	Wetlands: no drains, no trees	
202	0.2	N.S	Wetlands: no drains, trees	
210	1.8	0.1	Bare dunes	
211	5.0	0.2	Partially stabilized dunes	
212	2.2	0.1	Links area: grass	
213	3.6	0.2	Links area: heath	
222	2.7	0.1	Undiff. montane veg.: rock	
223	5.0	0.2	Undiff. montane veg.: no rock	
code	area	%	primary feature	secondary feature
301	1.2	0.1	Undiff. smooth grass.: rock, no trees	Dry heather moor: rock, no burning, no trees
309	0.3	N.S	Blanket bog/peat. veg.: no erosion, no trees	Blanket bog/peat. veg.: other peat workings
317	0.1	N.S	Undiff. smooth grass.: rock, no trees	Undiff. heather moor: rock, no burning, no trees
326	0.3	N.S	Dry heather moor: rock, no burning, no trees	Undiff. smooth grass.: rock, no trees
351	0.3	N.S	Smooth grass/rushes: no rock, no trees	Wet heather moor: no rock, no burning, no trees
353	6.5	0.3	Imp. pasture: no rock, no farms, no trees	Smooth grass/rushes: no rock, no trees
355	1.5	0.1	Blanket bog/peat. veg.: no erosion, no trees	Smooth grass/rushes: no rock, no trees
356	3.6	0.2	Undiff. smooth grass.: no rock, no trees	Smooth grass/rushes: no rock, no trees
373	0.6	N.S	Blanket bog/peat. veg.: other peat workings	Smooth grass/rushes: no rock, no trees
374	1.2	0.1	Undiff. heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
382	0.2	N.S	Blanket bog/peat. veg.: no erosion, no trees	Undiff. heather moor: no rock, no burning, no trees
386	0.4	N.S	Smooth grass/rushes: no rock, no trees	Undiff. low scrub
387	0.9	N.S	Smooth grass/low scrub: no rock, no trees	Smooth grass/rushes: no rock, no trees
389	4.7	0.2	Dry heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
390	1.2	0.1	Imp. pasture: no rock, no farms, no trees	Undiff. smooth grass.: no rock, no trees
395	0.3	N.S	Smooth grass/rushes: no rock, no trees	Smooth grass/low scrub: no rock, no trees
399	0.2	N.S	Smooth grass/rushes: no rock, no trees	Imp. pasture: no rock, no farms, no trees
400	1.2	0.1	Undiff. smooth grass.: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
406	0.6	N.S	Smooth grass/rushes: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
408	0.9	N.S	Undiff. heather moor: no rock, no burning, trees	Undiff. smooth grass.: no rock, trees
409	0.3	N.S	Imp. pasture: no rock, no farms, no trees	Smooth grass/low scrub: no rock, no trees
411	0.4	N.S	Undiff. smooth grass.: no rock, trees	Undiff. heather moor: no rock, no burning, trees
415	N.S	N.S	Undiff. smooth grass.: no rock, no trees	Undiff. bracken: no rock, no trees
426	0.9	N.S	Smooth grass/rushes: no rock, no trees	Undiff. smooth grass.: no rock, no trees
427	0.1	N.S	Imp. pasture: no rock, no farms, trees	Smooth grass/rushes: no rock, trees
432	1.6	0.1	Undiff. smooth grass.: no rock, trees	Dry heather moor: no rock, no burning, trees
437	0.9	N.S	Undiff. heather moor: no rock, no burning, no trees	Smooth grass/rushes: no rock, no trees
438	5.2	0.2	Undiff. heather moor: no rock, burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
458	0.8	N.S	Undiff. smooth grass.: no rock, trees	Smooth grass/rushes: no rock, trees
463	1.1	N.S	Dry heather moor: no rock, burning, no trees	Wet heather moor: no rock, burning, no trees
464	0.3	N.S	Smooth grass/low scrub: no rock, no trees	Undiff. smooth grass.: no rock, no trees
466	2.1	0.1	Dry heather moor: no rock, burning, no trees	Undiff. smooth grass.: no rock, no trees
467	5.3	0.2	Dry heather moor: no rock, burning, no trees	Smooth grass/rushes: no rock, no trees
472	0.8	N.S	Dry heather moor: no rock, no burning, no trees	Undiff. low scrub
473	0.3	N.S	Dry heather moor: no rock, no burning, no trees	Smooth grass/low scrub: no rock, no trees
475	1.6	0.1	Dry heather moor: no rock, no burning, no trees	Smooth grass/rushes: no rock, no trees
476	0.2	N.S	Dry heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
488	0.1	N.S	Dry heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: erosion, no trees
489	1.0	N.S	Smooth grass/low scrub: no rock, no trees	Dry heather moor: no rock, no burning, no trees

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Table 6.3.3 Total audit of land cover features in Gordon District in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
491	2.0	0.1	Dry heather moor: no rock, no burning, trees	Undiff. smooth grass.: no rock, trees
494	0.1	N.S	Undiff. Nardus/Molinia: rock, no trees	Undiff. heather moor: rock, no burning, no trees
506	0.2	N.S	Links area: grass	Links area: heath
523	0.6	N.S	Smooth grass/rushes: no rock, no trees	Dry heather moor: no rock, no burning, no trees
524	0.6	N.S	Smooth grass/rushes: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
532	0.2	N.S	Dry heather moor: no rock, burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
534	0.2	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. low scrub
552	1.7	0.1	Dry heather moor: no rock, burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
564	1.7	0.1	Undiff. Nardus/Molinia: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
590	N.S	N.S	Smooth grass/low scrub: no rock, trees	Smooth grass/rushes: no rock, no trees
602	0.4	N.S	Blanket bog/peat. veg.: erosion, no trees	Undiff. montane veg.: no rock
603	1.7	0.1	Undiff. montane veg.: no rock	Blanket bog/peat. veg.: erosion, no trees
605	0.7	N.S	Imp. pasture: rock, no farms, no trees	Smooth grass/low scrub: rock, no trees
607	1.2	0.1	Undiff. montane veg.: rock	Blanket bog/peat. veg.: erosion, no trees
608	0.2	N.S	Undiff. montane veg.: rock	Blanket bog/peat. veg.: no erosion, no trees
620	0.8	N.S	Undiff. montane veg.: no rock	Blanket bog/peat. veg.: no erosion, no trees
627	1.2	0.1	Blanket bog/peat. veg.: no erosion, no trees	Undiff. montane veg.: no rock
630	0.2	N.S	Dry heather moor: no rock, no burning, trees	Smooth grass/low scrub: no rock, trees
631	3.2	0.1	Undiff. smooth grass.: no rock, no trees	Dry heather moor: no rock, no burning, no trees
650	0.1	N.S	Dry heather moor: no rock, burning, no trees	Blanket bog/peat. veg.: erosion, no trees
660	0.2	N.S	Imp. pasture: no rock, no farms, no trees	Smooth grass/low scrub: rock, no trees
674	0.2	N.S	Undiff. low scrub	Imp. pasture: no rock, no farms, no trees
675	0.3	N.S	Blanket bog/peat. veg.: no erosion, trees	Undiff. broadleaved (area)
676	0.1	N.S	Undiff. broadleaved (area)	Smooth grass/rushes: no rock, no trees
680	1.2	0.1	Dry heather moor: no rock, no burning, no trees	Quarries and opencast (area)
681	0.1	N.S	Dry heather moor: no rock, burning, no trees	Quarries and opencast (area)
695	5.7	0.3	Undiff. heather moor: no rock, burning, no trees	Smooth grass/rushes: no rock, no trees
707	0.1	N.S	Dry heather moor: no rock, no burning, trees	Smooth grass/rushes: no rock, no trees
709	N.S	N.S	Smooth grass/rushes: no rock, no trees	Smooth grass/low scrub: no rock, trees
729	0.2	N.S	Undiff. smooth grass.: no rock, no trees	Dry heather moor: no rock, burning, no trees
730	1.3	0.1	Blanket bog/peat. veg.: erosion, no trees	Dry heather moor: no rock, burning, no trees
761	0.2	N.S	Undiff. smooth grass.: no rock, no trees	Undiff. low scrub
779	0.3	N.S	Dry heather moor: rock, no burning, no trees	Rock and cliffs (area)
789	0.7	N.S	Imp. pasture: no rock, no farms, trees	Undiff. smooth grass.: rock, trees
791	0.2	N.S	Imp. pasture: no rock, no farms, trees	Smooth grass/low scrub: no rock, trees
809	0.5	N.S	Undiff. heather moor: no rock, no burning, no trees	Undiff. low scrub
848	N.S	N.S	Blanket bog/peat. veg.: erosion, no trees	Undiff. heather moor: no rock, burning, no trees
850	0.2	N.S	Undiff. heather moor: rock, no burning, no trees	Smooth grass/rushes: no rock, no trees
860	0.4	N.S	Undiff. heather moor: no rock, burning, no trees	Blanket bog/peat. veg.: erosion, no trees
876	0.4	N.S	Smooth grass/rushes: no rock, trees	Dry heather moor: no rock, no burning, trees
877	0.1	N.S	Cliffs (line)	Wet heather moor: no rock, no burning, trees
937	0.9	N.S	Smooth grass/low scrub: rock, no trees	Blanket bog/peat. veg.: no erosion, trees
938	0.1	N.S	Blanket bog/peat. veg.: erosion, no trees	Smooth grass/rushes: no rock, no trees
964	0.2	N.S	Smooth grass/low scrub: rock, no trees	Dry heather moor: rock, no burning, no trees
973	1.6	0.1	Wet heather moor: no rock, burning, no trees	Smooth grass/rushes: no rock, no trees
986	0.1	N.S	Dry heather moor: no rock, no burning, trees	Wet heather moor: no rock, no burning, trees
992	0.3	N.S	Smooth grass/rushes: no rock, no trees	Blanket bog/peat. veg.: erosion, no trees
996	0.4	N.S	Undiff. smooth grass.: rock, trees	Dry heather moor: rock, no burning, no trees
1076	0.5	N.S	Dry heather moor: no rock, no burning, trees	Smooth grass/rushes: no rock, trees
1077	0.2	N.S	Smooth grass/rushes: no rock, trees	Wetlands: no drains, trees

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Table 6.3.3 Total audit of land cover features in Gordon District in which all mosaics are separately identified
(continued).

code	area	%	primary feature	secondary feature
1100	0.1	N.S	Smooth grass/rushes: no rock, trees	Undiff. smooth grass.: no rock, trees
1103	0.4	N.S	Smooth grass/rushes: no rock, no trees	Dry heather moor: no rock, burning, no trees
1105	2.2	0.1	Undiff. smooth grass.: no rock, trees	Dry heather moor: no rock, burning, trees
1106	0.2	N.S	Wet heather moor: no rock, burning, trees	Smooth grass/rushes: no rock, trees
1107	N.S	N.S	Wet heather moor: no rock, no burning, trees	Smooth grass/low scrub: no rock, no trees
1108	0.2	N.S	Undiff. broadleaved (area)	Blanket bog/peat. veg.: no erosion, no trees
1125	0.2	N.S	Dry heather moor: no rock, burning, trees	Smooth grass/rushes: no rock, trees
1127	0.3	N.S	Dry heather moor: no rock, burning, trees	Undiff. smooth grass.: no rock, trees
1141	0.6	N.S	Dry heather moor: rock, burning, trees	Wet heather moor: rock, burning, trees
1142	0.1	N.S	Undiff. low scrub	Undiff. broadleaved (area)
1143	0.1	N.S	Smooth grass/rushes: rock, no trees	Undiff. low scrub
1156	0.7	N.S	Undiff. smooth grass.: rock, no trees	Dry heather moor: rock, burning, no trees
1157	0.2	N.S	Ski tows	Undiff. heather moor: no rock, no burning, no trees
1158	0.2	N.S	Dry heather moor: rock, no burning, trees	Undiff. smooth grass.: rock, no trees
1159	0.1	N.S	Blanket bog/peat. veg.: erosion, no trees	Ski tows
TOTAL	2222.3	100.0		

Cover types		single feature		features in mosaics	
		area	%	primary	secondary
Open countryside					
A	Arable	484.6	18.9	0	0
B	Improved grassland	249.8	9.7	13.9	4.1
C	Good rough grassland	64.5	2.5	50.8	127.4
D	Poor rough grassland	7.6	0.3	22.1	33.9
E	Bracken	0	0	1.4	0.7
F	Heather moorland	467.2	18.2	348.7	155.3
G	Peatland	132.3	5.2	97.8	174.2
H	Montane	90.1	3.5	35.5	75.2
I	Rock and cliffs	4.6	0.2	1.1	0.3
Woodland					
J	Felled woodland	19.8	0.8	0.2	0
K	Recent planting	56.8	2.2	1.5	0.2
L	Coniferous plantation	264.3	10.3	0.8	0.7
M	Semi-natural coniferous	24.4	1.0	0	0.7
N	Mixed woodland	39.2	1.5	1.7	0.5
O	Broadleaved	34.9	1.4	3.7	0.9
P	Scrub	0.9	N.S	0.3	4.2
Wet ground					
Q	Fresh waters	8.5	0.3	0	0
R	Marshes	1.0	N.S	0	0.1
S	Saltmarshes	0	0	0	0
T	Dunes	0.6	N.S	0	0
U	Tidal waters	0.1	N.S	0	0
Developed					
V	Rural development	7.2	0.3	0	N.S
W	Urban	14.2	0.6	0	0.7
Other					
X	Missing photography/obscured land	14.2	0.6	0	0
SUBTOTAL		1986.7	77.4		
Y	Mosaics of types above	579.2	22.6	579.2	579.2
DISTRICT TOTAL		2565.9	100.0		

Nationally significant mosaics			area	%
FG	Heather moorland	Peatland	234.1	9.1
DF	Poor rough grassland	Heather moorland	48.9	1.9
CF	Good rough grassland	Heather moorland	125.2	4.9
GH	Peatland	Montane	20.5	0.8
CD	Good rough grassland	Poor rough grassland	0.8	N.S
BC	Improved grassland	Good rough grassland	15.3	0.6
CE	Good rough grassland	Bracken	0.6	N.S
DG	Poor rough grassland	Peatland	6.3	0.2
FH	Heather moorland	Montane	90.2	3.5
SUBTOTAL			542.0	21.1
Locally significant mosaics			area	%
OG	Good rough grassland	Peatland	11.0	0.4
OO	Good rough grassland	Broadleaved	2.1	0.1
FP	Heather moorland	Scrub	1.5	0.1
CI	Good rough grassland	Rock and cliffs	1.4	0.1
EF	Bracken	Heather moorland	1.4	0.1
SUBTOTAL			17.4	0.7
Remaining mosaics			19.8	0.8
MOSAICS OF SUMMARY COVER TYPES			579.2	22.6

Table 6.4.1

Kincardine & Deeside District

Land cover summary categories

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not match the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05. Please refer to Figure 6.2 for guidance in the interpretation of this table.

Table 6.4.2 Total audit of land cover features in Kincardine & Deeside District in which all mosaics are allocated according to primary or secondary feature.

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05 sq km. Please refer to Figure 6.3 for guidance in the interpretation of this table.

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
3	0.2	0	0	Factory
4	2.3	0	0	Airfield
5	3.1	0	0	Golf course
6	N.S	0	0	Cemeteries
7	0.4	0	N.S	Recreational land
10	4.6	1.1	0.3	Rock and cliffs (area)
12	1.2	0	0	Quarries and opencast (area)
14	N.S	0	0	Bings and refuse tips (area)
16	N.S	0	0	Paths
18	8.5	0	0	Water (area)
20	14.2	0	0.7	Built-up (area)
21	N.S	0	0	Transport features, road
24	0.1	0	0	Estuary
26	0.9	0	0	Cloud cover
27	13.2	0	0	Snow cover
70	264.3	0.8	0.7	Coniferous plantation (area)
73	24.4	0	0.1	Coniferous semi-natural (area)
75	0	0	0.6	Coniferous semi-natural (point)
76	34.9	3.7	0.9	Undiff. broadleaved (area)
79	39.2	1.7	0.5	Undiff. mixed woodland (area)
82	0.9	0.3	4.1	Undiff. low scrub
83	29.3	0	0	Recent ploughing for forestry
84	19.8	0.2	0	Recently felled forestry
85	27.0	1.5	0.2	Open canopy (young plantation)
86	0	0	0.1	Rhododendron scrub
87	0.5	0	0	Recent 'ripping' for forestry
90	240.5	12.3	4.0	Imp. pasture: no rock, no farms, no trees
91	5.0	1.2	0.1	Imp. pasture: no rock, no farms, trees
94	4.2	0.4	0	Imp. pasture: rock, no farms, no trees
95	0.1	0	0	Imp. pasture: rock, no farms, trees
100	477.9	0	0	Arable: no rock, no farms, no trees
101	0.4	0	0	Arable: no rock, no farms, trees
104	6.3	0	0	Arable: rock, no farms, no trees
110	60.2	81.8	25.3	Dry heather moor: no rock, no burning, no trees
111	28.8	11.6	7.0	Dry heather moor: no rock, no burning, trees
112	218.5	76.5	5.6	Dry heather moor: no rock, burning, no trees
113	7.7	1.3	0.4	Dry heather moor: no rock, burning, trees
114	51.4	17.4	8.1	Dry heather moor: rock, no burning, no trees
115	4.3	3.8	0.9	Dry heather moor: rock, no burning, trees
116	33.0	0.4	0	Dry heather moor: rock, burning, no trees
117	1.7	0	0	Dry heather moor: rock, burning, trees
120	1.9	2.0	3.8	Wet heather moor: no rock, no burning, no trees
121	0.2	1.1	0.4	Wet heather moor: no rock, no burning, trees
122	1.5	0.5	0.4	Wet heather moor: no rock, burning, no trees

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Table 6.4.2 Total audit of land cover features in Kincardine & Deeside District in which all mosaics are allocated according to primary or secondary feature (continued).

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
123	0.5	N.S	0	Wet heather moor: no rock, burning, trees
124	0	0.5	0	Wet heather moor: rock, no burning, no trees
130	25.7	82.8	69.5	Undiff. heather moor: no rock, no burning, no trees
131	7.0	1.1	3.3	Undiff. heather moor: no rock, no burning, trees
132	17.6	54.9	18.3	Undiff. heather moor: no rock, burning, no trees
133	0.4	0.7	0.5	Undiff. heather moor: no rock, burning, trees
134	6.7	12.3	11.5	Undiff. heather moor: rock, no burning, no trees
135	0	0	0.1	Undiff. heather moor: rock, no burning, trees
140	6.2	20.3	29.9	Undiff. Nardus/Molinia: no rock, no trees
141	0.1	1.0	0.7	Undiff. Nardus/Molinia: no rock, trees
142	1.4	0.8	3.2	Undiff. Nardus/Molinia: rock, no trees
143	0	0	0.1	Undiff. Nardus/Molinia: rock, trees
150	9.7	17.8	80.6	Smooth grass/rushes: no rock, no trees
151	3.2	3.2	8.3	Smooth grass/rushes: no rock, trees
155	10.1	4.1	2.3	Smooth grass/low scrub: no rock, no trees
156	11.6	1.7	2.8	Smooth grass/low scrub: no rock, trees
157	3.7	1.4	1.1	Smooth grass/low scrub: rock, no trees
158	0.8	0.3	0.5	Smooth grass/low scrub: rock, trees
160	7.8	6.1	20.2	Undiff. smooth grass.: no rock, no trees
161	15.4	12.6	7.8	Undiff. smooth grass.: no rock, trees
162	1.9	2.3	0.7	Undiff. smooth grass.: rock, no trees
163	0.2	1.2	3.0	Undiff. smooth grass.: rock, trees
170	0	1.4	0.7	Undiff. bracken: no rock, no trees
180	83.7	34.7	30.4	Blanket bog/peat. veg.: erosion, no trees
182	44.3	61.4	143.2	Blanket bog/peat. veg.: no erosion, no trees
183	3.6	1.7	0.6	Blanket bog/peat. veg.: no erosion, trees
184	N.S	0	0	Blanket bog/peat. veg.: dubh lochans
185	N.S	0	0	Blanket bog/peat. veg.: industrial peat workings
186	0.6	0	0	Blanket bog/peat. veg.: other peat workings
200	0.1	0	0.1	Wetlands: no drains, no trees
202	0.9	0	0	Wetlands: no drains, trees
210	0.1	0	0	Bare dunes
211	0.2	0	0	Partially stabilized dunes
212	0.4	0	0	Links area: grass
222	73.7	22.9	45.7	Undiff. montane veg.: rock
223	16.4	12.6	29.6	Undiff. montane veg.: no rock
TOTAL	1986.7	579.2	579.2	

Table 6.4.3 Total audit of land cover features in Kincardine & Deeside District in which all mosaics are separately identified.

All areas are expressed in square kilometres to 1 decimal place; all percentages are expressed as % of the total area; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05

code	area	%	description
3	0.2	N.S	Factory
4	2.3	0.1	Airfield
5	3.1	0.1	Golf course
6	N.S	N.S	Cemeteries
7	0.4	N.S	Recreational land
10	4.6	0.2	Rock and cliffs (area)
12	1.2	N.S	Quarries and opencast (area)
14	N.S	N.S	Bings and refuse tips (area)
16	N.S	N.S	Paths
18	8.5	0.3	Water (area)
20	14.2	0.6	Built-up (area)
21	N.S	N.S	Transport features, road
24	0.1	N.S	Estuary
26	0.9	N.S	Cloud cover
27	13.2	0.5	Snow cover
70	264.3	10.3	Coniferous plantation (area)
73	24.4	1.0	Coniferous semi-natural (area)
76	34.9	1.4	Undiff. broadleaved (area)
79	39.2	1.5	Undiff. mixed woodland (area)
82	0.9	N.S	Undiff. low scrub
83	29.3	1.1	Recent ploughing for forestry
84	19.8	0.8	Recently felled forestry
85	27.0	1.1	Open canopy (young plantation)
87	0.5	N.S	Recent 'ripping' for forestry
90	240.5	9.4	Imp. pasture: no rock, no farms, no trees
91	5.0	0.2	Imp. pasture: no rock, no farms, trees
94	4.2	0.2	Imp. pasture: rock, no farms, no trees
95	0.1	N.S	Imp. pasture: rock, no farms, trees
100	477.9	18.6	Arable: no rock, no farms, no trees
101	0.4	N.S	Arable: no rock, no farms, trees
104	6.3	0.2	Arable: rock, no farms, no trees
110	60.2	2.3	Dry heather moor: no rock, no burning, no trees
111	28.8	1.1	Dry heather moor: no rock, no burning, trees
112	218.5	8.5	Dry heather moor: no rock, burning, no trees
113	7.7	0.3	Dry heather moor: no rock, burning, trees
114	51.4	2.0	Dry heather moor: rock, no burning, no trees
115	4.3	0.2	Dry heather moor: rock, no burning, trees
116	33.0	1.3	Dry heather moor: rock, burning, no trees
117	1.7	0.1	Dry heather moor: rock, burning, trees
120	1.9	0.1	Wet heather moor: no rock, no burning, no trees
121	0.2	N.S	Wet heather moor: no rock, no burning, trees
122	1.5	0.1	Wet heather moor: no rock, burning, no trees
123	0.5	N.S	Wet heather moor: no rock, burning, trees
130	25.7	1.0	Undiff. heather moor: no rock, no burning, no trees
131	7.0	0.3	Undiff. heather moor: no rock, no burning, trees
132	17.6	0.7	Undiff. heather moor: no rock, burning, no trees
133	0.4	N.S	Undiff. heather moor: no rock, burning, trees
134	6.7	0.3	Undiff. heather moor: rock, no burning, no trees

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Table 6.4.3 Total audit of land cover features in Kincardine & Deeside District in which all mosaics are separately identified (continued).

code	area	%	description	
140	6.2	0.2	Undiff. Nardus/Molinia: no rock, no trees	
141	0.1	N.S	Undiff. Nardus/Molinia: no rock, trees	
142	1.4	0.1	Undiff. Nardus/Molinia: rock, no trees	
150	9.7	0.4	Smooth grass/rushes: no rock, no trees	
151	3.2	0.1	Smooth grass/rushes: no rock, trees	
155	10.1	0.4	Smooth grass/low scrub: no rock, no trees	
156	11.6	0.5	Smooth grass/low scrub: no rock, trees	
157	3.7	0.1	Smooth grass/low scrub: rock, no trees	
158	0.8	N.S	Smooth grass/low scrub: rock, trees	
160	7.8	0.3	Undiff. smooth grass.: no rock, no trees	
161	15.4	0.6	Undiff. smooth grass.: no rock, trees	
162	1.9	0.1	Undiff. smooth grass.: rock, no trees	
163	0.2	N.S	Undiff. smooth grass.: rock, trees	
180	83.7	3.3	Blanket bog/peat. veg.: erosion, no trees	
182	44.3	1.7	Blanket bog/peat. veg.: no erosion, no trees	
183	3.6	0.1	Blanket bog/peat. veg.: no erosion, trees	
184	N.S	N.S	Blanket bog/peat. veg.: dubh lochans	
185	N.S	N.S	Blanket bog/peat. veg.: industrial peat workings	
186	0.6	N.S	Blanket bog/peat. veg.: other peat workings	
200	0.1	N.S	Wetlands: no drains, no trees	
202	0.9	N.S	Wetlands: no drains, trees	
210	0.1	N.S	Bare dunes	
211	0.2	N.S	Partially stabilized dunes	
212	0.4	N.S	Links area: grass	
222	73.7	2.9	Undiff. montane veg.: rock	
223	16.4	0.6	Undiff. montane veg.: no rock	
code	area	%	primary feature	secondary feature
301	0.6	N.S	Undiff. smooth grass.: rock, no trees	Dry heather moor: rock, no burning, no trees
326	0.4	N.S	Dry heather moor: rock, no burning, no trees	Undiff. smooth grass.: rock, no trees
351	0.4	N.S	Smooth grass/rushes: no rock, no trees	Wet heather moor: no rock, no burning, no trees
352	1.6	0.1	Wet heather moor: no rock, no burning, no trees	Smooth grass/rushes: no rock, no trees
353	7.6	0.3	Imp. pasture: no rock, no farms, no trees	Smooth grass/rushes: no rock, no trees
355	4.7	0.2	Blanket bog/peat. veg.: no erosion, no trees	Smooth grass/rushes: no rock, no trees
356	0.7	N.S	Undiff. smooth grass.: no rock, no trees	Smooth grass/rushes: no rock, no trees
358	2.7	0.1	Blanket bog/peat. veg.: no erosion, no trees	Wet heather moor: no rock, no burning, no trees
360	7.5	0.3	Undiff. heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
361	0.4	N.S	Wet heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
374	38.3	1.5	Undiff. heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
382	26.6	1.0	Blanket bog/peat. veg.: no erosion, no trees	Undiff. heather moor: no rock, no burning, no trees
384	6.7	0.3	Blanket bog/peat. veg.: no erosion, no trees	Undiff. heather moor: rock, no burning, no trees
385	5.9	0.2	Undiff. heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
386	0.3	N.S	Smooth grass/rushes: no rock, no trees	Undiff. low scrub
387	2.6	0.1	Smooth grass/low scrub: no rock, no trees	Smooth grass/rushes: no rock, no trees
389	8.0	0.3	Dry heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
390	0.5	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. smooth grass.: no rock, no trees
395	0.8	N.S	Smooth grass/rushes: no rock, no trees	Smooth grass/low scrub: no rock, no trees
396	0.3	N.S	Undiff. heather moor: rock, no burning, no trees	Undiff. smooth grass.: rock, no trees
399	0.5	N.S	Smooth grass/rushes: no rock, no trees	Imp. pasture: no rock, no farms, no trees

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Table 6.4.3 Total audit of land cover features in Kincardine & Deeside District in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
400	2.1	0.1	Undiff. smooth grass.: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
404	0.1	N.S	Smooth grass/low scrub: no rock, trees	Undiff. heather moor: no rock, no burning, trees
405	0.5	N.S	Undiff. smooth grass.: no rock, trees	Imp. pasture: no rock, no farms, no trees
406	5.5	0.2	Smooth grass/rushes: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
407	0.7	N.S	Undiff. heather moor: no rock, burning, no trees	Undiff. smooth grass.: no rock, no trees
409	1.0	N.S	Imp. pasture: no rock, no farms, no trees	Smooth grass/low scrub: no rock, no trees
411	1.3	0.1	Undiff. smooth grass.: no rock, trees	Undiff. heather moor: no rock, no burning, trees
413	0.3	N.S	Smooth grass/rushes: no rock, trees	Smooth grass/low scrub: no rock, trees
414	0.6	N.S	Undiff. Nardus/Molinia: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
416	0.4	N.S	Undiff. Nardus/Molinia: no rock, no trees	Smooth grass/rushes: no rock, no trees
418	0.1	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. bracken: no rock, no trees
426	0.2	N.S	Smooth grass/rushes: no rock, no trees	Undiff. smooth grass.: no rock, no trees
427	0.5	N.S	Imp. pasture: no rock, no farms, trees	Smooth grass/rushes: no rock, trees
432	5.9	0.2	Undiff. smooth grass.: no rock, trees	Dry heather moor: no rock, no burning, trees
436	0.6	N.S	Undiff. Nardus/Molinia: no rock, no trees	Blanket bog/peat. veg.: erosion, no trees
437	12.6	0.5	Undiff. heather moor: no rock, no burning, no trees	Smooth grass/rushes: no rock, no trees
438	26.8	1.0	Undiff. heather moor: no rock, burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
440	0.6	N.S	Smooth grass/low scrub: no rock, no trees	Undiff. bracken: no rock, no trees
442	19.2	0.7	Undiff. heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
443	1.8	0.1	Undiff. heather moor: no rock, burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
444	0.4	N.S	Undiff. Nardus/Molinia: no rock, no trees	Undiff. smooth grass.: no rock, no trees
449	3.6	0.1	Blanket bog/peat. veg.: no erosion, no trees	Undiff. Nardus/Molinia: no rock, no trees
450	1.2	N.S	Undiff. smooth grass.: rock, no trees	Smooth grass/rushes: no rock, no trees
456	3.0	0.1	Dry heather moor: rock, no burning, trees	Undiff. smooth grass.: rock, trees
458	1.4	0.1	Undiff. smooth grass.: no rock, trees	Smooth grass/rushes: no rock, trees
466	1.7	0.1	Dry heather moor: no rock, burning, no trees	Undiff. smooth grass.: no rock, no trees
467	20.0	0.8	Dry heather moor: no rock, burning, no trees	Smooth grass/rushes: no rock, no trees
468	0.8	N.S	Dry heather moor: rock, no burning, trees	Undiff. smooth grass.: no rock, trees
469	0.4	N.S	Dry heather moor: rock, burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
472	0.8	N.S	Dry heather moor: no rock, no burning, no trees	Undiff. low scrub
474	1.6	0.1	Blanket bog/peat. veg.: erosion, no trees	Undiff. Nardus/Molinia: no rock, no trees
475	1.6	0.1	Dry heather moor: no rock, no burning, no trees	Smooth grass/rushes: no rock, no trees
476	16.3	0.6	Dry heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
477	3.1	0.1	Undiff. heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: erosion, no trees
486	2.5	0.1	Dry heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
487	0.4	N.S	Undiff. heather moor: no rock, no burning, trees	Smooth grass/rushes: no rock, trees
488	10.4	0.4	Dry heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: erosion, no trees
489	0.4	N.S	Smooth grass/low scrub: no rock, no trees	Dry heather moor: no rock, no burning, no trees
491	4.4	0.2	Dry heather moor: no rock, no burning, trees	Undiff. smooth grass.: no rock, trees
494	0.8	N.S	Undiff. Nardus/Molinia: rock, no trees	Undiff. heather moor: rock, no burning, no trees
500	0.4	N.S	Undiff. heather moor: no rock, no burning, trees	Blanket bog/peat. veg.: no erosion, trees
507	0.4	N.S	Smooth grass/low scrub: no rock, no trees	Imp. pasture: no rock, no farms, no trees
512	0.9	N.S	Wet heather moor: no rock, no burning, trees	Smooth grass/rushes: no rock, trees
523	1.0	N.S	Smooth grass/rushes: no rock, no trees	Dry heather moor: no rock, no burning, no trees
524	4.4	0.2	Smooth grass/rushes: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
525	11.9	0.5	Blanket bog/peat. veg.: no erosion, no trees	Undiff. heather moor: no rock, burning, no trees
534	0.9	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. low scrub
536	0.9	N.S	Dry heather moor: no rock, no burning, trees	Blanket bog/peat. veg.: no erosion, no trees
537	0.5	N.S	Undiff. mixed woodland (area)	Undiff. low scrub
549	1.1	N.S	Undiff. broadleaved (area)	Undiff. low scrub

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Table 6.4.3 Total audit of land cover features in Kincardine & Deeside District in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
552	45.4	1.8	Dry heather moor: no rock, burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
564	17.7	0.7	Undiff. Nardus/Molinia: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
565	0.2	N.S	Blanket bog/peat. veg.: erosion, no trees	Wet heather moor: no rock, no burning, no trees
566	0.2	N.S	Coniferous plantation (area)	Open canopy (young plantation)
567	0.5	N.S	Wet heather moor: rock, no burning, no trees	Imp. pasture: no rock, no farms, no trees
568	3.2	0.1	Dry heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: rock, no trees
590	0.2	N.S	Smooth grass/low scrub: no rock, trees	Smooth grass/rushes: no rock, no trees
599	0.7	N.S	Blanket bog/peat. veg.: erosion, no trees	Undiff. montane veg.: rock
602	9.5	0.4	Blanket bog/peat. veg.: erosion, no trees	Undiff. montane veg.: no rock
603	5.0	0.2	Undiff. montane veg.: no rock	Blanket bog/peat. veg.: erosion, no trees
605	0.2	N.S	Imp. pasture: rock, no farms, no trees	Smooth grass/low scrub: rock, no trees
607	1.0	N.S	Undiff. montane veg.: rock	Blanket bog/peat. veg.: erosion, no trees
608	0.4	N.S	Undiff. montane veg.: rock	Blanket bog/peat. veg.: no erosion, no trees
611	0.1	N.S	Undiff. mixed woodland (area)	Rhododendron scrub
612	0.3	N.S	Smooth grass/low scrub: rock, no trees	Rock and cliffs (area)
620	1.4	0.1	Undiff. montane veg.: no rock	Blanket bog/peat. veg.: no erosion, no trees
625	0.4	N.S	Blanket bog/peat. veg.: no erosion, no trees	Undiff. montane veg.: rock
627	2.1	0.1	Blanket bog/peat. veg.: no erosion, no trees	Undiff. montane veg.: no rock
630	0.8	N.S	Dry heather moor: no rock, no burning, trees	Smooth grass/low scrub: no rock, trees
631	2.8	0.1	Undiff. smooth grass.: no rock, no trees	Dry heather moor: no rock, no burning, no trees
634	1.1	N.S	Blanket bog/peat. veg.: erosion, no trees	Undiff. heather moor: rock, no burning, no trees
640	2.3	0.1	Undiff. heather moor: no rock, no burning, no trees	Undiff. montane veg.: no rock
650	6.4	0.2	Dry heather moor: no rock, burning, no trees	Blanket bog/peat. veg.: erosion, no trees
651	1.5	0.1	Undiff. smooth grass.: no rock, trees	Smooth grass/rushes: no rock, no trees
652	0.4	N.S	Imp. pasture: no rock, no farms, no trees	Smooth grass/low scrub: no rock, trees
659	1.3	0.1	Undiff. bracken: no rock, no trees	Dry heather moor: no rock, no burning, no trees
662	0.1	N.S	Undiff. smooth grass.: no rock, no trees	Coniferous plantation (area)
663	0.1	N.S	Coniferous plantation (area)	Undiff. smooth grass.: no rock, no trees
684	0.9	N.S	Undiff. smooth grass.: rock, trees	Dry heather moor: rock, no burning, trees
695	22.0	0.9	Undiff. heather moor: no rock, burning, no trees	Smooth grass/rushes: no rock, no trees
696	0.3	N.S	Dry heather moor: no rock, no burning, no trees	Imp. pasture: no rock, no farms, no trees
697	0.1	N.S	Smooth grass/rushes: no rock, no trees	Wetlands: no drains, no trees
705	0.7	N.S	Rock and cliffs (area)	Smooth grass/low scrub: rock, no trees
706	0.1	N.S	Rock and cliffs (area)	Undiff. smooth grass.: no rock, no trees
707	2.8	0.1	Dry heather moor: no rock, no burning, trees	Smooth grass/rushes: no rock, no trees
708	N.S	N.S	Undiff. bracken: no rock, no trees	Dry heather moor: no rock, burning, no trees
709	N.S	N.S	Smooth grass/rushes: no rock, no trees	Smooth grass/low scrub: no rock, trees
710	0.3	N.S	Smooth grass/low scrub: no rock, trees	Imp. pasture: no rock, no farms, no trees
711	0.2	N.S	Undiff. broadleaved (area)	Smooth grass/low scrub: no rock, trees
712	0.6	N.S	Smooth grass/low scrub: no rock, trees	Undiff. broadleaved (area)
713	N.S	N.S	Undiff. low scrub	Undiff. smooth grass.: no rock, no trees
714	0.3	N.S	Rock and cliffs (area)	Smooth grass/low scrub: no rock, no trees
722	0.3	N.S	Smooth grass/low scrub: no rock, trees	Dry heather moor: no rock, no burning, no trees
728	1.0	N.S	Blanket bog/peat. veg.: erosion, no trees	Dry heather moor: no rock, no burning, no trees
730	0.5	N.S	Blanket bog/peat. veg.: erosion, no trees	Dry heather moor: no rock, burning, no trees
733	0.2	N.S	Undiff. mixed woodland (area)	Dry heather moor: no rock, no burning, trees
736	15.0	0.6	Blanket bog/peat. veg.: erosion, no trees	Undiff. heather moor: no rock, no burning, no trees
749	0.2	N.S	Undiff. Nardus/Molinia: no rock, trees	Dry heather moor: no rock, no burning, trees
750	0.7	N.S	Blanket bog/peat. veg.: no erosion, trees	Smooth grass/rushes: no rock, trees
751	0.5	N.S	Undiff. broadleaved (area)	Undiff. smooth grass.: no rock, no trees

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Table 6.4.3 Total audit of land cover features in Kincardine & Deeside District in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
752	0.3	N.S	Dry heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, trees
756	1.6	0.1	Imp. pasture: no rock, no farms, no trees	Undiff. smooth grass.: no rock, trees
783	0.1	N.S	Undiff. smooth grass.: rock, trees	Undiff. heather moor: rock, no burning, trees
804	0.5	N.S	Smooth grass/low scrub: rock, no trees	Imp. pasture: no rock, no farms, no trees
809	0.5	N.S	Undiff. heather moor: no rock, no burning, no trees	Undiff. low scrub
848	5.2	0.2	Blanket bog/peat. veg.: erosion, no trees	Undiff. heather moor: no rock, burning, no trees
850	N.S	N.S	Undiff. heather moor: rock, no burning, no trees	Smooth grass/rushes: no rock, no trees
857	0.3	N.S	Undiff. heather moor: no rock, no burning, no trees	Smooth grass/low scrub: no rock, trees
860	3.6	0.1	Undiff. heather moor: no rock, burning, no trees	Blanket bog/peat. veg.: erosion, no trees
873	2.2	0.1	Undiff. montane veg.: rock	Undiff. heather moor: rock, no burning, no trees
876	0.5	N.S	Smooth grass/rushes: no rock, trees	Dry heather moor: no rock, no burning, trees
890	0.9	N.S	Undiff. montane veg.: no rock	Undiff. heather moor: no rock, no burning, no trees
891	1.5	0.1	Undiff. montane veg.: rock	Undiff. heather moor: no rock, no burning, no trees
892	9.5	0.4	Dry heather moor: no rock, no burning, no trees	Undiff. montane veg.: no rock
893	5.3	0.2	Undiff. montane veg.: no rock	Dry heather moor: no rock, no burning, no trees
894	0.2	N.S	Recently felled forestry	Coniferous semi-natural (point)
895	0.5	N.S	Open canopy (young plantation)	Coniferous semi-natural (point)
896	6.8	0.3	Undiff. montane veg.: rock	Dry heather moor: rock, no burning, no trees
902	0.3	N.S	Undiff. mixed woodland (area)	Built-up (area)
904	8.8	0.3	Dry heather moor: rock, no burning, no trees	Undiff. montane veg.: rock
912	3.5	0.1	Undiff. heather moor: rock, no burning, no trees	Undiff. montane veg.: rock
918	0.1	N.S	Dry heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: rock, trees
920	2.6	0.1	Dry heather moor: no rock, burning, no trees	Undiff. montane veg.: no rock
921	10.9	0.4	Undiff. montane veg.: rock	Dry heather moor: no rock, no burning, no trees
925	0.8	N.S	Undiff. Nardus/Molinia: no rock, trees	Undiff. heather moor: no rock, no burning, trees
929	0.7	N.S	Undiff. Nardus/Molinia: no rock, no trees	Undiff. heather moor: rock, no burning, no trees
933	1.0	N.S	Undiff. heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
948	32.0	1.2	Dry heather moor: no rock, no burning, no trees	Undiff. montane veg.: rock
950	0.7	N.S	Dry heather moor: no rock, no burning, trees	Undiff. Nardus/Molinia: no rock, trees
951	0.1	N.S	Undiff. broadleaved (area)	Coniferous semi-natural (area)
952	0.2	N.S	Undiff. heather moor: no rock, no burning, trees	Blanket bog/peat. veg.: erosion, no trees
956	0.2	N.S	Dry heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
958	0.1	N.S	Undiff. broadleaved (area)	Smooth grass/low scrub: rock, no trees
959	0.2	N.S	Undiff. low scrub	Dry heather moor: rock, no burning, no trees
960	0.5	N.S	Imp. pasture: no rock, no farms, trees	Smooth grass/low scrub: rock, trees
961	0.1	N.S	Imp. pasture: no rock, no farms, trees	Undiff. smooth grass.: no rock, trees
962	0.2	N.S	Imp. pasture: rock, no farms, no trees	Smooth grass/low scrub: no rock, trees
963	0.1	N.S	Dry heather moor: rock, no burning, trees	Smooth grass/low scrub: rock, no trees
964	0.6	N.S	Smooth grass/low scrub: rock, no trees	Dry heather moor: rock, no burning, no trees
965	0.3	N.S	Smooth grass/low scrub: rock, trees	Smooth grass/rushes: no rock, trees
966	0.4	N.S	Blanket bog/peat. veg.: no erosion, trees	Smooth grass/low scrub: no rock, trees
967	0.6	N.S	Blanket bog/peat. veg.: no erosion, trees	Undiff. smooth grass.: no rock, no trees
973	0.5	N.S	Wet heather moor: no rock, burning, no trees	Smooth grass/rushes: no rock, no trees
974	1.1	N.S	Smooth grass/rushes: no rock, no trees	Undiff. heather moor: no rock, burning, no trees
975	0.7	N.S	Blanket bog/peat. veg.: no erosion, no trees	Dry heather moor: no rock, no burning, no trees
979	0.2	N.S	Imp. pasture: no rock, no farms, no trees	Smooth grass/rushes: no rock, trees
993	0.2	N.S	Coniferous plantation (area)	Undiff. heather moor: no rock, no burning, no trees
994	0.1	N.S	Dry heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: erosion, no trees
1016	0.9	N.S	Dry heather moor: rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
1020	0.4	N.S	Smooth grass/rushes: no rock, trees	Smooth grass/rushes: no rock, no trees

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Table 6.4.3 Total audit of land cover features in Kincardine & Deeside District in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
1026	0.2	N.S	Smooth grass/low scrub: no rock, trees	Dry heather moor: no rock, no burning, trees
1027	1.1	N.S	Smooth grass/rushes: no rock, trees	Undiff. heather moor: no rock, no burning, trees
1035	0.2	N.S	Coniferous plantation (area)	Dry heather moor: no rock, no burning, no trees
1036	0.4	N.S	Undiff. mixed woodland (area)	Undiff. smooth grass.: no rock, no trees
1040	3.6	0.1	Dry heather moor: rock, no burning, no trees	Undiff. montane veg.: no rock
1073	0.2	N.S	Undiff. heather moor: no rock, no burning, trees	Blanket bog/peat. veg.: no erosion, no trees
1074	0.8	N.S	Undiff. broadleaved (area)	Imp. pasture: no rock, no farms, no trees
1076	2.0	0.1	Dry heather moor: no rock, no burning, trees	Smooth grass/rushes: no rock, trees
1090	0.2	N.S	Undiff. mixed woodland (area)	Smooth grass/low scrub: no rock, trees
1091	0.1	N.S	Undiff. low scrub	Undiff. smooth grass.: no rock, trees
1092	0.5	N.S	Open canopy (young plantation)	Undiff. mixed woodland (area)
1093	0.6	N.S	Open canopy (young plantation)	Dry heather moor: no rock, no burning, no trees
1094	0.6	N.S	Undiff. heather moor: no rock, no burning, no trees	Coniferous plantation (area)
1095	0.2	N.S	Undiff. smooth grass.: no rock, no trees	Undiff. broadleaved (area)
1096	0.8	N.S	Undiff. smooth grass.: no rock, trees	Dry heather moor: no rock, no burning, no trees
1097	1.9	0.1	Blanket bog/peat. veg.: no erosion, no trees	Dry heather moor: no rock, burning, no trees
1098	0.4	N.S	Undiff. broadleaved (area)	Undiff. smooth grass.: no rock, trees
1099	0.4	N.S	Undiff. broadleaved (area)	Built-up (area)
1100	0.3	N.S	Smooth grass/rushes: no rock, trees	Undiff. smooth grass.: no rock, trees
1101	N.S	N.S	Undiff. broadleaved (area)	Recreational land
1102	0.7	N.S	Undiff. heather moor: no rock, burning, trees	Smooth grass/rushes: no rock, trees
1103	3.0	0.1	Smooth grass/rushes: no rock, no trees	Dry heather moor: no rock, burning, no trees
1104	0.4	N.S	Smooth grass/rushes: no rock, no trees	Wet heather moor: no rock, burning, no trees
1105	0.4	N.S	Undiff. smooth grass.: no rock, trees	Dry heather moor: no rock, burning, trees
1106	N.S	N.S	Wet heather moor: no rock, burning, trees	Smooth grass/rushes: no rock, trees
1107	0.2	N.S	Wet heather moor: no rock, no burning, trees	Smooth grass/low scrub: no rock, no trees
1116	0.3	N.S	Dry heather moor: no rock, burning, no trees	Undiff. montane veg.: rock
1119	0.3	N.S	Dry heather moor: no rock, burning, trees	Smooth grass/rushes: no rock, no trees
1120	0.4	N.S	Smooth grass/rushes: no rock, trees	Wet heather moor: no rock, no burning, trees
1125	1.0	N.S	Dry heather moor: no rock, burning, trees	Smooth grass/rushes: no rock, trees
1134	0.1	N.S	Undiff. smooth grass.: no rock, no trees	Smooth grass/low scrub: no rock, trees
1136	0.5	N.S	Undiff. smooth grass.: rock, no trees	Wet heather moor: no rock, no burning, no trees
1137	0.2	N.S	Smooth grass/rushes: no rock, trees	Blanket bog/peat. veg.: no erosion, trees
1138	0.1	N.S	Undiff. smooth grass.: no rock, trees	Imp. pasture: no rock, no farms, trees
1140	0.2	N.S	Undiff. smooth grass.: rock, trees	Smooth grass/rushes: no rock, trees
1172	0.5	N.S	Undiff. smooth grass.: no rock, trees	Undiff. heather moor: no rock, burning, trees
1173	0.1	N.S	Undiff. smooth grass.: no rock, trees	Dry heather moor: no rock, burning, no trees
TOTAL	2565.9	100.0		

Cover types		single feature		features in mosaics	
		area	%	primary	secondary
Open countryside					
A	Arable	423.6	18.9	0	0
B	Improved grassland	329.9	14.7	8.0	2.9
C	Good rough grassland	82.8	3.7	28.1	74.3
D	Poor rough grassland	1.5	0.1	3.0	12.5
E	Bracken	1.4	0.1	1.0	2.8
F	Heather moorland	303.2	13.5	124.8	51.3
G	Peatland	177.6	7.9	32.4	66.6
H	Montane	40.4	1.8	31.3	9.8
I	Rock and cliffs	2.5	0.1	0.2	5.9
Woodland					
J	Felled woodland	11.2	0.5	0	0
K	Recent planting	102.6	4.6	N.S	0
L	Coniferous plantation	384.6	17.1	0	0
M	Semi-natural coniferous	0.6	N.S	0	0
N	Mixed woodland	33.3	1.5	0.6	0.4
O	Broadleaved	38.4	1.7	0.3	0.3
P	Scrub	7.3	0.3	0.2	5.6
Wet ground					
Q	Fresh waters	7.8	0.3	0	0
R	Marshes	2.0	0.1	0.2	0
S	Saltmarshes	2.7	0.1	0	0
T	Dunes	3.6	0.2	5.2	4.8
U	Tidal waters	0.2	N.S	0	0
Developed					
V	Rural development	19.9	0.9	2.2	0.2
W	Urban	24.9	1.1	0.1	0.3
Other					
X	Missing photography/obscured land	7.5	0.3	0	0
SUBTOTAL		2009.5	89.4		
Y	Mosaics of types above	237.7	10.6	237.7	237.7
DISTRICT TOTAL		2247.2	100.0		

Nationally significant mosaics			area	%
FG	Heather moorland	Peatland	71.7	3.2
DF	Poor rough grassland	Heather moorland	13.8	0.6
CF	Good rough grassland	Heather moorland	64.8	2.9
GH	Peatland	Montane	22.7	1.0
CD	Good rough grassland	Poor rough grassland	0.5	N.S
BC	Improved grassland	Good rough grassland	9.3	0.4
CE	Good rough grassland	Bracken	1.8	0.1
DG	Poor rough grassland	Peatland	0	0
FH	Heather moorland	Montane	17.5	0.8
SUBTOTAL			202.1	9.0
Locally significant mosaics			area	%
FI	Heather moorland	Rock and cliffs	5.3	0.2
CG	Good rough grassland	Peatland	4.5	0.2
PV	Scrub	Rural development	1.9	0.1
FP	Heather moorland	Scrub	1.8	0.1
BP	Improved grassland	Scrub	1.5	0.1
SUBTOTAL			14.9	0.7
Remaining mosaics			20.7	0.9
MOSAICS OF SUMMARY COVER TYPES			237.7	10.6

Table 6.5.1

Moray District

Land cover summary categories

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not match the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05. Please refer to Figure 6.2 for guidance in the interpretation of this table.

Table 6.5.2 Total audit of land cover features in Moray District in which all mosaics are allocated according to primary or secondary feature.

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05 sq km. Please refer to Figure 6.3 for guidance in the interpretation of this table.

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
3	2.9	0	0	Factory
4	11.5	0	0	Airfield
5	2.8	1.9	0	Golf course
6	0.1	0	0	Cemeteries
7	0.6	0	0	Recreational land
10	2.5	0.2	5.9	Rock and cliffs (area)
12	2.0	0	0	Quarries and opencast (area)
18	7.8	0	0	Water (area)
20	24.9	0.1	0.3	Built-up (area)
24	0.2	0	0	Estuary
27	7.5	0	0	Snow cover
28	0	0.3	0.2	Ski tows
70	384.6	0	0	Coniferous plantation (area)
73	0.5	0	0	Coniferous semi-natural (area)
74	0.1	0	0	Coniferous semi-natural (line)
76	38.4	0.3	0.3	Undiff. broadleaved (area)
79	33.2	0.6	0.4	Undiff. mixed woodland (area)
80	N.S	0	0	Undiff. mixed woodland (line)
82	7.3	0.2	5.6	Undiff. low scrub
83	35.5	N.S	0	Recent ploughing for forestry
84	11.2	0	0	Recently felled forestry
85	67.2	0	0	Open canopy (young plantation)
90	327.1	8.0	2.9	Imp. pasture: no rock, no farms, no trees
91	2.8	0	0	Imp. pasture: no rock, no farms, trees
100	423.4	0	0	Arable: no rock, no farms, no trees
102	0.3	0	0	Arable: no rock, farms, no trees
110	83.7	24.3	2.9	Dry heather moor: no rock, no burning, no trees
111	8.3	3.2	0.2	Dry heather moor: no rock, no burning, trees
112	92.8	15.0	1.2	Dry heather moor: no rock, burning, no trees
113	0.5	0.2	0	Dry heather moor: no rock, burning, trees
114	7.0	0.8	1.4	Dry heather moor: rock, no burning, no trees
115	0.7	0.3	0	Dry heather moor: rock, no burning, trees
116	1.0	0	0	Dry heather moor: rock, burning, no trees
120	11.3	2.3	0.8	Wet heather moor: no rock, no burning, no trees
121	2.0	0	0	Wet heather moor: no rock, no burning, trees
122	0.7	0	0	Wet heather moor: no rock, burning, no trees
130	50.5	41.5	36.4	Undiff. heather moor: no rock, no burning, no trees
131	3.9	3.5	1.6	Undiff. heather moor: no rock, no burning, trees
132	39.2	31.3	5.6	Undiff. heather moor: no rock, burning, no trees
133	1.3	0	0	Undiff. heather moor: no rock, burning, trees
134	0.4	1.6	1.1	Undiff. heather moor: rock, no burning, no trees
136	0	0.8	0	Undiff. heather moor: rock, burning, no trees
140	1.2	1.4	11.2	Undiff. Nardus/Molinia: no rock, no trees
141	0.2	0	0.7	Undiff. Nardus/Molinia: no rock, trees

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Table 6.5.2 Total audit of land cover features in Moray District in which all mosaics are allocated according to primary or secondary feature (continued).

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
142	0.1	0.4	0.6	Undiff. Nardus/Molinia: rock, no trees
143	0	1.2	0	Undiff. Nardus/Molinia: rock, trees
150	32.2	10.4	42.5	Smooth grass/rushes: no rock, no trees
151	4.0	0.6	3.7	Smooth grass/rushes: no rock, trees
155	12.7	2.0	4.9	Smooth grass/low scrub: no rock, no trees
156	10.4	1.8	2.5	Smooth grass/low scrub: no rock, trees
157	1.6	0.6	0.1	Smooth grass/low scrub: rock, no trees
160	10.9	10.0	15.5	Undiff. smooth grass.: no rock, no trees
161	10.7	2.5	3.9	Undiff. smooth grass.: no rock, trees
162	0.3	0.3	1.2	Undiff. smooth grass.: rock, no trees
170	0.2	0.1	2.2	Undiff. bracken: no rock, no trees
171	0.5	0.6	0.3	Undiff. bracken: no rock, trees
172	0.7	0.3	0	Undiff. bracken: rock, no trees
173	N.S	0	0.3	Undiff. bracken: rock, trees
180	76.1	10.3	25.3	Blanket bog/peat. veg.: erosion, no trees
181	0.1	0	0	Blanket bog/peat. veg.: erosion, trees
182	90.8	20.8	40.0	Blanket bog/peat. veg.: no erosion, no trees
183	7.0	1.2	1.3	Blanket bog/peat. veg.: no erosion, trees
185	0.8	0	0	Blanket bog/peat. veg.: industrial peat workings
186	2.7	0.1	0	Blanket bog/peat. veg.: other peat workings
190	2.7	0	0	Undiff. salt marsh: no trees
200	0.9	0	0	Wetlands: no drains, no trees
202	1.0	0.2	0	Wetlands: no drains, trees
210	1.6	4.8	0	Bare dunes
211	1.2	0.2	0	Partially stabilized dunes
212	0.8	0.2	4.8	Links area: grass
222	25.3	10.3	1.2	Undiff. montane veg.: rock
223	15.1	20.9	8.6	Undiff. montane veg.: no rock
TOTAL	2009.5	237.7	237.7	

Table 6.5.3 Total audit of land cover features in Moray District in which all mosaics are separately identified.

All areas are expressed in square kilometres to 1 decimal place; all percentages are expressed as % of the total area; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05

code	area	%	description
3	2.9	0.1	Factory
4	11.5	0.5	Airfield
5	2.8	0.1	Golf course
6	0.1	N.S	Cemeteries
7	0.6	N.S	Recreational land
10	2.5	0.1	Rock and cliffs (area)
12	2.0	0.1	Quarries and opencast (area)
18	7.8	0.3	Water (area)
20	24.9	1.1	Built-up (area)
24	0.2	N.S	Estuary

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Table 6.5.3 Total audit of land cover features in Moray District in which all mosaics are separately identified (continued).

code	area	%	description
27	7.5	0.3	Snow cover
70	384.6	17.1	Coniferous plantation (area)
73	0.5	N.S	Coniferous semi-natural (area)
74	0.1	N.S	Coniferous semi-natural (line)
76	38.4	1.7	Undiff. broadleaved (area)
79	33.2	1.5	Undiff. mixed woodland (area)
80	N.S	N.S	Undiff. mixed woodland (line)
82	7.3	0.3	Undiff. low scrub
83	35.5	1.6	Recent ploughing for forestry
84	11.2	0.5	Recently felled forestry
85	67.2	3.0	Open canopy (young plantation)
90	327.1	14.6	Imp. pasture: no rock, no farms, no trees
91	2.8	0.1	Imp. pasture: no rock, no farms, trees
100	423.4	18.8	Arable: no rock, no farms, no trees
102	0.3	N.S	Arable: no rock, farms, no trees
110	83.7	3.7	Dry heather moor: no rock, no burning, no trees
111	8.3	0.4	Dry heather moor: no rock, no burning, trees
112	92.8	4.1	Dry heather moor: no rock, burning, no trees
113	0.5	N.S	Dry heather moor: no rock, burning, trees
114	7.0	0.3	Dry heather moor: rock, no burning, no trees
115	0.7	N.S	Dry heather moor: rock, no burning, trees
116	1.0	N.S	Dry heather moor: rock, burning, no trees
120	11.3	0.5	Wet heather moor: no rock, no burning, no trees
121	2.0	0.1	Wet heather moor: no rock, no burning, trees
122	0.7	N.S	Wet heather moor: no rock, burning, no trees
130	50.5	2.2	Undiff. heather moor: no rock, no burning, no trees
131	3.9	0.2	Undiff. heather moor: no rock, no burning, trees
132	39.2	1.7	Undiff. heather moor: no rock, burning, no trees
133	1.3	0.1	Undiff. heather moor: no rock, burning, trees
134	0.4	N.S	Undiff. heather moor: rock, no burning, no trees
140	1.2	0.1	Undiff. Nardus/Molinia: no rock, no trees
141	0.2	N.S	Undiff. Nardus/Molinia: no rock, trees
142	0.1	N.S	Undiff. Nardus/Molinia: rock, no trees
150	32.2	1.4	Smooth grass/rushes: no rock, no trees
151	4.0	0.2	Smooth grass/rushes: no rock, trees
155	12.7	0.6	Smooth grass/low scrub: no rock, no trees
156	10.4	0.5	Smooth grass/low scrub: no rock, trees
157	1.6	0.1	Smooth grass/low scrub: rock, no trees
160	10.9	0.5	Undiff. smooth grass.: no rock, no trees
161	10.7	0.5	Undiff. smooth grass.: no rock, trees
162	0.3	N.S	Undiff. smooth grass.: rock, no trees
170	0.2	N.S	Undiff. bracken: no rock, no trees
171	0.5	N.S	Undiff. bracken: no rock, trees
172	0.7	N.S	Undiff. bracken: rock, no trees
173	N.S	N.S	Undiff. bracken: rock, trees
180	76.1	3.4	Blanket bog/peat. veg.: erosion, no trees
181	0.1	N.S	Blanket bog/peat. veg.: erosion, trees
182	90.8	4.0	Blanket bog/peat. veg.: no erosion, no trees
183	7.0	0.3	Blanket bog/peat. veg.: no erosion, trees
185	0.8	N.S	Blanket bog/peat. veg.: industrial peat workings

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Table 6.5.3 Total audit of land cover features in Moray District in which all mosaics are separately identified (continued).

code	area	%	description	
186	2.7	0.1	Blanket bog/peat. veg.: other peat workings	
190	2.7	0.1	Undiff. salt marsh: no trees	
200	0.9	N.S	Wetlands: no drains, no trees	
202	1.0	N.S	Wetlands: no drains, trees	
210	1.6	0.1	Bare dunes	
211	1.2	0.1	Partially stabilized dunes	
212	0.8	N.S	Links area: grass	
222	25.3	1.1	Undiff. montane veg.: rock	
223	15.1	0.7	Undiff. montane veg.: no rock	
code	area	%	primary feature	secondary feature
301	0.3	N.S	Undiff. smooth grass.: rock, no trees	Dry heather moor: rock, no burning, no trees
326	0.1	N.S	Dry heather moor: rock, no burning, no trees	Undiff. smooth grass.: rock, no trees
347	4.8	0.2	Bare dunes	Links area: grass
351	0.6	N.S	Smooth grass/rushes: no rock, no trees	Wet heather moor: no rock, no burning, no trees
352	0.9	N.S	Wet heather moor: no rock, no burning, no trees	Smooth grass/rushes: no rock, no trees
353	4.0	0.2	Imp. pasture: no rock, no farms, no trees	Smooth grass/rushes: no rock, no trees
355	1.0	N.S	Blanket bog/peat. veg.: no erosion, no trees	Smooth grass/rushes: no rock, no trees
356	4.1	0.2	Undiff. smooth grass.: no rock, no trees	Smooth grass/rushes: no rock, no trees
360	0.1	N.S	Undiff. heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
361	1.4	0.1	Wet heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
373	0.1	N.S	Blanket bog/peat. veg.: other peat workings	Smooth grass/rushes: no rock, no trees
374	19.2	0.9	Undiff. heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
382	14.0	0.6	Blanket bog/peat. veg.: no erosion, no trees	Undiff. heather moor: no rock, no burning, no trees
385	1.5	0.1	Undiff. heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
386	0.1	N.S	Smooth grass/rushes: no rock, no trees	Undiff. low scrub
387	0.9	N.S	Smooth grass/low scrub: no rock, no trees	Smooth grass/rushes: no rock, no trees
389	2.6	0.1	Dry heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
390	1.3	0.1	Imp. pasture: no rock, no farms, no trees	Undiff. smooth grass.: no rock, no trees
395	0.1	N.S	Smooth grass/rushes: no rock, no trees	Smooth grass/low scrub: no rock, no trees
399	0.7	N.S	Smooth grass/rushes: no rock, no trees	Imp. pasture: no rock, no farms, no trees
400	1.3	0.1	Undiff. smooth grass.: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
402	0.4	N.S	Smooth grass/rushes: no rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
404	0.1	N.S	Smooth grass/low scrub: no rock, trees	Undiff. heather moor: no rock, no burning, trees
406	2.8	0.1	Smooth grass/rushes: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
407	1.1	N.S	Undiff. heather moor: no rock, burning, no trees	Undiff. smooth grass.: no rock, no trees
408	0.8	N.S	Undiff. heather moor: no rock, no burning, trees	Undiff. smooth grass.: no rock, trees
409	0.2	N.S	Imp. pasture: no rock, no farms, no trees	Smooth grass/low scrub: no rock, no trees
410	1.5	0.1	Undiff. smooth grass.: no rock, no trees	Imp. pasture: no rock, no farms, no trees
411	0.3	N.S	Undiff. smooth grass.: no rock, trees	Undiff. heather moor: no rock, no burning, trees
415	0.4	N.S	Undiff. smooth grass.: no rock, no trees	Undiff. bracken: no rock, no trees
417	1.8	0.1	Undiff. heather moor: no rock, no burning, no trees	Smooth grass/low scrub: no rock, no trees
426	0.8	N.S	Smooth grass/rushes: no rock, no trees	Undiff. smooth grass.: no rock, no trees
428	0.3	N.S	Undiff. Nardus/Molinia: rock, no trees	Dry heather moor: rock, no burning, no trees
432	0.2	N.S	Undiff. smooth grass.: no rock, trees	Dry heather moor: no rock, no burning, trees
437	6.7	0.3	Undiff. heather moor: no rock, no burning, no trees	Smooth grass/rushes: no rock, no trees
438	6.5	0.3	Undiff. heather moor: no rock, burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
440	0.1	N.S	Smooth grass/low scrub: no rock, no trees	Undiff. bracken: no rock, no trees
442	4.8	0.2	Undiff. heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees

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Table 6.5.3 Total audit of land cover features in Moray District in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
443	2.0	0.1	Undiff. heather moor: no rock, burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
448	0.2	N.S	Undiff. heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: rock, no trees
458	1.9	0.1	Undiff. smooth grass.: no rock, trees	Smooth grass/rushes: no rock, trees
460	0.5	N.S	Dry heather moor: no rock, no burning, no trees	Undiff. bracken: no rock, no trees
466	8.1	0.4	Dry heather moor: no rock, burning, no trees	Undiff. smooth grass.: no rock, no trees
467	3.7	0.2	Dry heather moor: no rock, burning, no trees	Smooth grass/rushes: no rock, no trees
472	1.7	0.1	Dry heather moor: no rock, no burning, no trees	Undiff. low scrub
473	2.2	0.1	Dry heather moor: no rock, no burning, no trees	Smooth grass/low scrub: no rock, no trees
475	2.4	0.1	Dry heather moor: no rock, no burning, no trees	Smooth grass/rushes: no rock, no trees
476	8.2	0.4	Dry heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
477	1.4	0.1	Undiff. heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: erosion, no trees
484	0.1	N.S	Undiff. bracken: no rock, no trees	Smooth grass/low scrub: no rock, trees
485	0.2	N.S	Undiff. Nardus/Molinia: no rock, no trees	Wet heather moor: no rock, no burning, no trees
486	4.0	0.2	Dry heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
487	1.3	0.1	Undiff. heather moor: no rock, no burning, trees	Smooth grass/rushes: no rock, trees
488	0.9	N.S	Dry heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: erosion, no trees
489	0.1	N.S	Smooth grass/low scrub: no rock, no trees	Dry heather moor: no rock, no burning, no trees
490	N.S	N.S	Dry heather moor: no rock, burning, no trees	Undiff. low scrub
491	2.0	0.1	Dry heather moor: no rock, no burning, trees	Undiff. smooth grass.: no rock, trees
500	0.9	N.S	Undiff. heather moor: no rock, no burning, trees	Blanket bog/peat. veg.: no erosion, trees
523	0.1	N.S	Smooth grass/rushes: no rock, no trees	Dry heather moor: no rock, no burning, no trees
524	1.6	0.1	Smooth grass/rushes: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
525	5.1	0.2	Blanket bog/peat. veg.: no erosion, no trees	Undiff. heather moor: no rock, burning, no trees
528	0.2	N.S	Undiff. smooth grass.: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
533	0.3	N.S	Smooth grass/low scrub: no rock, trees	Undiff. bracken: no rock, trees
534	1.5	0.1	Imp. pasture: no rock, no farms, no trees	Undiff. low scrub
535	0.1	N.S	Dry heather moor: no rock, no burning, trees	Undiff. low scrub
537	0.1	N.S	Undiff. mixed woodland (area)	Undiff. low scrub
543	0.1	N.S	Undiff. Nardus/Molinia: rock, no trees	Smooth grass/rushes: no rock, no trees
547	0.2	N.S	Undiff. low scrub	Undiff. mixed woodland (area)
549	0.1	N.S	Undiff. broadleaved (area)	Undiff. low scrub
552	0.3	N.S	Dry heather moor: no rock, burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
554	0.6	N.S	Smooth grass/low scrub: rock, no trees	Smooth grass/rushes: no rock, no trees
556	N.S	N.S	Wet heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: erosion, no trees
557	0.3	N.S	Undiff. bracken: rock, no trees	Undiff. smooth grass.: rock, no trees
564	0.9	N.S	Undiff. Nardus/Molinia: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
568	0.4	N.S	Dry heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: rock, no trees
590	0.3	N.S	Smooth grass/low scrub: no rock, trees	Smooth grass/rushes: no rock, no trees
599	0.2	N.S	Blanket bog/peat. veg.: erosion, no trees	Undiff. montane veg.: rock
602	3.6	0.2	Blanket bog/peat. veg.: erosion, no trees	Undiff. montane veg.: no rock
603	9.6	0.4	Undiff. montane veg.: no rock	Blanket bog/peat. veg.: erosion, no trees
607	6.1	0.3	Undiff. montane veg.: rock	Blanket bog/peat. veg.: erosion, no trees
608	0.8	N.S	Undiff. montane veg.: rock	Blanket bog/peat. veg.: no erosion, no trees
620	1.8	0.1	Undiff. montane veg.: no rock	Blanket bog/peat. veg.: no erosion, no trees
627	0.7	N.S	Blanket bog/peat. veg.: no erosion, no trees	Undiff. montane veg.: no rock
628	0.6	N.S	Undiff. bracken: no rock, trees	Smooth grass/low scrub: no rock, trees
629	N.S	N.S	Recent ploughing for forestry	Undiff. mixed woodland (area)
630	0.1	N.S	Dry heather moor: no rock, no burning, trees	Smooth grass/low scrub: no rock, trees
631	2.2	0.1	Undiff. smooth grass.: no rock, no trees	Dry heather moor: no rock, no burning, no trees
632	0.7	N.S	Undiff. heather moor: rock, no burning, no trees	Rock and cliffs (area)

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Table 6.5.3 Total audit of land cover features in Moray District in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
640	3.8	0.2	Undiff. heather moor: no rock, no burning, no trees	Undiff. montane veg.: no rock
642	0.1	N.S	Undiff. heather moor: no rock, no burning, no trees	Dry heather moor: no rock, no burning, no trees
643	0.4	N.S	Dry heather moor: no rock, no burning, trees	Blanket bog/peat. veg.: no erosion, trees
644	1.0	N.S	Blanket bog/peat. veg.: no erosion, trees	Undiff. heather moor: no rock, no burning, trees
645	N.S	N.S	Undiff. bracken: no rock, no trees	Smooth grass/low scrub: no rock, no trees
650	2.6	0.1	Dry heather moor: no rock, burning, no trees	Blanket bog/peat. veg.: erosion, no trees
652	0.6	N.S	Imp. pasture: no rock, no farms, no trees	Smooth grass/low scrub: no rock, trees
695	17.1	0.8	Undiff. heather moor: no rock, burning, no trees	Smooth grass/rushes: no rock, no trees
709	0.6	N.S	Smooth grass/rushes: no rock, no trees	Smooth grass/low scrub: no rock, trees
710	0.7	N.S	Smooth grass/low scrub: no rock, trees	Imp. pasture: no rock, no farms, no trees
728	N.S	N.S	Blanket bog/peat. veg.: erosion, no trees	Dry heather moor: no rock, no burning, no trees
731	0.2	N.S	Dry heather moor: no rock, no burning, no trees	Smooth grass/low scrub: no rock, trees
736	6.1	0.3	Blanket bog/peat. veg.: erosion, no trees	Undiff. heather moor: no rock, no burning, no trees
741	0.2	N.S	Undiff. heather moor: no rock, no burning, trees	Undiff. Nardus/Molinia: no rock, trees
746	0.3	N.S	Dry heather moor: rock, no burning, trees	Undiff. bracken: rock, trees
747	0.1	N.S	Links area: grass	Smooth grass/low scrub: no rock, trees
748	0.2	N.S	Partially stabilized dunes	Undiff. low scrub
750	0.2	N.S	Blanket bog/peat. veg.: no erosion, trees	Smooth grass/rushes: no rock, trees
756	0.3	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. smooth grass.: no rock, trees
762	0.1	N.S	Undiff. Nardus/Molinia: no rock, no trees	Dry heather moor: no rock, no burning, no trees
779	0.3	N.S	Dry heather moor: rock, no burning, no trees	Rock and cliffs (area)
798	0.9	N.S	Smooth grass/low scrub: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
801	0.2	N.S	Smooth grass/low scrub: no rock, trees	Smooth grass/rushes: no rock, trees
820	0.1	N.S	Undiff. Nardus/Molinia: no rock, no trees	Dry heather moor: no rock, burning, no trees
860	3.6	0.2	Undiff. heather moor: no rock, burning, no trees	Blanket bog/peat. veg.: erosion, no trees
873	1.1	0.1	Undiff. montane veg.: rock	Undiff. heather moor: rock, no burning, no trees
890	9.2	0.4	Undiff. montane veg.: no rock	Undiff. heather moor: no rock, no burning, no trees
891	0.7	N.S	Undiff. montane veg.: rock	Undiff. heather moor: no rock, no burning, no trees
892	0.5	N.S	Dry heather moor: no rock, no burning, no trees	Undiff. montane veg.: no rock
893	0.3	N.S	Undiff. montane veg.: no rock	Dry heather moor: no rock, no burning, no trees
896	0.9	N.S	Undiff. montane veg.: rock	Dry heather moor: rock, no burning, no trees
905	0.5	N.S	Undiff. heather moor: no rock, no burning, no trees	Undiff. montane veg.: rock
912	0.6	N.S	Undiff. heather moor: rock, no burning, no trees	Undiff. montane veg.: rock
938	0.2	N.S	Blanket bog/peat. veg.: erosion, no trees	Smooth grass/rushes: no rock, no trees
950	0.5	N.S	Dry heather moor: no rock, no burning, trees	Undiff. Nardus/Molinia: no rock, trees
953	0.2	N.S	Undiff. smooth grass.: no rock, no trees	Blanket bog/peat. veg.: erosion, no trees
974	0.5	N.S	Smooth grass/rushes: no rock, no trees	Undiff. heather moor: no rock, burning, no trees
984	1.2	0.1	Undiff. Nardus/Molinia: rock, trees	Undiff. bracken: no rock, no trees
985	0.9	N.S	Undiff. montane veg.: rock	Rock and cliffs (area)
992	1.0	N.S	Smooth grass/rushes: no rock, no trees	Blanket bog/peat. veg.: erosion, no trees
1023	0.1	N.S	Undiff. montane veg.: no rock	Dry heather moor: no rock, burning, no trees
1027	0.2	N.S	Smooth grass/rushes: no rock, trees	Undiff. heather moor: no rock, no burning, trees
1076	0.2	N.S	Dry heather moor: no rock, no burning, trees	Smooth grass/rushes: no rock, trees
1078	0.5	N.S	Undiff. mixed woodland (area)	Smooth grass/low scrub: no rock, no trees
1079	0.2	N.S	Wetlands: no drains, trees	Smooth grass/low scrub: no rock, trees
1080	0.1	N.S	Links area: grass	Built-up (area)
1081	1.9	0.1	Golf course	Undiff. low scrub
1082	0.1	N.S	Smooth grass/low scrub: no rock, trees	Smooth grass/low scrub: rock, no trees
1083	0.1	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. broadleaved (area)
1087	0.8	N.S	Undiff. heather moor: rock, burning, no trees	Undiff. smooth grass.: rock, no trees

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Table 6.5.3 Total audit of land cover features in Moray District in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
1089	0.1	N.S	Built-up (area)	Undiff. mixed woodland (area)
1095	0.2	N.S	Undiff. smooth grass.: no rock, no trees	Undiff. broadleaved (area)
1099	0.2	N.S	Undiff. broadleaved (area)	Built-up (area)
1100	0.4	N.S	Smooth grass/rushes: no rock, trees	Undiff. smooth grass.: no rock, trees
1103	1.0	N.S	Smooth grass/rushes: no rock, no trees	Dry heather moor: no rock, burning, no trees
1115	0.1	N.S	Smooth grass/low scrub: no rock, trees	Undiff. smooth grass.: no rock, trees
1127	0.2	N.S	Dry heather moor: no rock, burning, trees	Undiff. smooth grass.: no rock, trees
1128	1.7	0.1	Undiff. heather moor: no rock, no burning, no trees	Rock and cliffs (area)
1129	0.4	N.S	Undiff. heather moor: no rock, no burning, trees	Smooth grass/rushes: no rock, no trees
1131	0.2	N.S	Dry heather moor: no rock, burning, no trees	Rock and cliffs (area)
1132	0.1	N.S	Smooth grass/rushes: no rock, no trees	Undiff. smooth grass.: no rock, trees
1133	1.0	N.S	Dry heather moor: no rock, no burning, no trees	Rock and cliffs (area)
1154	0.2	N.S	Rock and cliffs (area)	Undiff. heather moor: no rock, no burning, no trees
1155	1.0	N.S	Undiff. heather moor: no rock, burning, no trees	Rock and cliffs (area)
1157	0.3	N.S	Ski tows	Undiff. heather moor: no rock, no burning, no trees
1159	0.2	N.S	Blanket bog/peat. veg.: erosion, no trees	Ski tows
TOTAL	2247.2	100.0		

Cover types		single feature		features in mosaics	
		area	%	primary	secondary
Open countryside					
A	Arable	560.5	2.1	N.S	N.S
B	Improved grassland	1117.0	4.3	146.1	26.0
C	Good rough grassland	616.1	2.4	313.9	605.9
D	Poor rough grassland	100.0	0.4	249.2	1167.5
E	Bracken	32.1	0.1	35.0	111.7
F	Heather moorland	3352.0	12.8	8098.5	2365.0
G	Peatland	3500.5	13.4	1868.6	6919.0
H	Montane	938.4	3.6	623.4	142.4
I	Rock and cliffs	248.9	1.0	17.7	22.9
Woodland					
J	Felled woodland	58.4	0.2	4.0	1.4
K	Recent planting	959.8	3.7	32.4	37.0
L	Coniferous plantation	1464.7	5.6	66.4	13.3
M	Semi-natural coniferous	45.5	0.2	4.1	12.3
N	Mixed woodland	160.6	0.6	10.8	2.8
O	Broadleaved	382.6	1.5	20.8	29.7
P	Scrub	21.3	0.1	7.3	17.9
Wet ground					
Q	Fresh waters	741.7	2.8	0	1.1
R	Marshes	26.8	0.1	3.2	7.0
S	Saltmarshes	11.4	N.S	N.S	1.4
T	Dunes	31.4	0.1	9.1	5.2
U	Tidal waters	3.7	N.S	0	0
Developed					
V	Rural development	37.4	0.1	0.4	0.2
W	Urban	67.7	0.3	0.5	0.2
Other					
X	Missing photography/obscured land	141.0	0.5	1.4	23.0
	SUBTOTAL	14619.6	55.9		
Y	Mosaics of types above	11512.9	44.1	11512.9	11512.9
	REGIONAL TOTAL	26132.5	100.0		

Nationally significant mosaics				area	%
FG	Heather moorland	Peatland		8231.0	31.5
DF	Poor rough grassland	Heather moorland		1265.0	4.8
CF	Good rough grassland	Heather moorland		528.2	2.0
GH	Peatland	Montane		406.4	1.6
CD	Good rough grassland	Poor rough grassland		66.8	0.3
BC	Improved grassland	Good rough grassland		144.0	0.6
CE	Good rough grassland	Bracken		76.8	0.3
DG	Poor rough grassland	Peatland		73.0	0.3
FH	Heather moorland	Montane		305.7	1.2
	SUBTOTAL			11096.9	42.5
Locally significant mosaics				area	%
CG	Good rough grassland	Peatland		54.7	0.2
EF	Bracken	Heather moorland		52.9	0.2
KL	Recent planting	Coniferous plantation		36.1	0.1
FI	Heather moorland	Rock and cliffs		29.8	0.1
HX	Montane	Missing photography/obscured land		24.2	0.1
	SUBTOTAL			197.7	0.8
Remaining mosaics				218.3	0.8
MOSAICS OF SUMMARY COVER TYPES				11512.9	44.1

Table 7.0.1

Highland Region

Land cover summary categories

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not match the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05. Please refer to Figure 6.2 for guidance in the interpretation of this table.

Table 7.0.2 Total audit of land cover features in Highland Region in which all mosaics are allocated according to primary or secondary feature.

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S. = not significant = < 0.05 sq km. Please refer to Figure 6.3 for guidance in the interpretation of this table.

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
2	0	0	0.2	Isolated building, trees
3	5.4	0	0	Factory
4	8.6	0	0	Airfield
5	10.6	0.4	0	Golf course
6	0.2	0	0	Cemeteries
7	2.9	0	0	Recreational land
10	248.9	17.7	22.9	Rock and cliffs (area)
12	8.0	0	0	Quarries and opencast (area)
14	0.2	0	0	Bings and refuse tips (area)
18	741.7	0	1.1	Water (area)
19	N.S	0	0	Water (point)
20	67.7	0.5	0.2	Built-up (area)
22	N.S	0	0	Transport features, rail
24	3.7	0	0	Estuary
25	37.8	0	0	No photography
26	86.6	0	0	Cloud cover
27	16.5	1.4	23.0	Snow cover
28	1.5	0	0	Ski tows
29	0.1	0	0	Built-up (line or point)
70	1464.7	66.4	13.2	Coniferous plantation (area)
72	0	0	0.1	Coniferous plantation (point)
73	45.5	4.1	12.0	Coniferous semi-natural (area)
75	0	0	0.3	Coniferous semi-natural (point)
76	382.1	20.8	27.7	Undiff. broadleaved (area)
78	0.6	N.S	2.0	Undiff. broadleaved (point)
79	160.6	10.8	2.6	Undiff. mixed woodland (area)
81	0	0	0.2	Undiff. mixed woodland (point)
82	21.2	7.3	12.6	Undiff. low scrub
83	441.0	7.4	4.4	Recent ploughing for forestry
84	58.4	4.0	1.4	Recently felled forestry
85	515.0	25.0	32.6	Open canopy (young plantation)
86	N.S	0	5.3	Rhododendron scrub
87	3.9	0	0	Recent 'ripping' for forestry
90	997.6	115.8	20.8	Imp. pasture: no rock, no farms, no trees
91	10.0	1.2	0	Imp. pasture: no rock, no farms, trees
92	44.9	11.7	0.4	Imp. pasture: no rock, farms, no trees
93	8.3	4.1	0.5	Imp. pasture: no rock, farms, trees
94	39.8	10.7	3.9	Imp. pasture: rock, no farms, no trees
95	1.0	0	0	Imp. pasture: rock, no farms, trees
96	11.5	1.8	0.1	Imp. pasture: rock, farms, no trees
97	3.9	0.7	0.2	Imp. pasture: rock, farms, trees
100	558.6	N.S	N.S	Arable: no rock, no farms, no trees
101	0.3	0	0	Arable: no rock, no farms, trees
102	1.6	0	0	Arable: no rock, farms, no trees

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Table 7.0.2 Total audit of land cover features in Highland Region in which all mosaics are allocated according to primary or secondary feature (continued).

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
105	N.S	0	0	Arable: rock, no farms, trees
110	211.7	29.9	5.4	Dry heather moor: no rock, no burning, no trees
111	32.5	8.1	1.7	Dry heather moor: no rock, no burning, trees
112	177.3	1.2	0	Dry heather moor: no rock, burning, no trees
113	2.9	0.6	0.9	Dry heather moor: no rock, burning, trees
114	168.5	47.8	17.5	Dry heather moor: rock, no burning, no trees
115	10.7	4.9	2.8	Dry heather moor: rock, no burning, trees
116	26.1	0.9	0	Dry heather moor: rock, burning, no trees
117	1.1	0	0	Dry heather moor: rock, burning, trees
120	145.3	1220.1	395.9	Wet heather moor: no rock, no burning, no trees
121	3.6	0.6	1.0	Wet heather moor: no rock, no burning, trees
122	3.9	0	0	Wet heather moor: no rock, burning, no trees
123	0.1	0	0	Wet heather moor: no rock, burning, trees
124	203.7	1812.2	620.8	Wet heather moor: rock, no burning, no trees
125	2.1	1.5	1.0	Wet heather moor: rock, no burning, trees
126	0.1	0	0	Wet heather moor: rock, burning, no trees
130	973.5	2611.4	727.4	Undiff. heather moor: no rock, no burning, no trees
131	49.1	30.1	10.1	Undiff. heather moor: no rock, no burning, trees
132	240.0	67.5	14.7	Undiff. heather moor: no rock, burning, no trees
133	2.9	0	0	Undiff. heather moor: no rock, burning, trees
134	1046.3	2226.5	553.7	Undiff. heather moor: rock, no burning, no trees
135	14.5	27.9	11.4	Undiff. heather moor: rock, no burning, trees
136	35.9	7.4	0.6	Undiff. heather moor: rock, burning, no trees
137	0.2	0	0	Undiff. heather moor: rock, burning, trees
140	64.0	102.7	297.3	Undiff. Nardus/Molinia: no rock, no trees
141	4.5	3.0	9.5	Undiff. Nardus/Molinia: no rock, trees
142	31.2	141.3	853.0	Undiff. Nardus/Molinia: rock, no trees
143	0.3	2.1	7.6	Undiff. Nardus/Molinia: rock, trees
150	156.5	60.0	163.0	Smooth grass/rushes: no rock, no trees
151	6.6	1.7	1.9	Smooth grass/rushes: no rock, trees
152	3.5	40.0	15.6	Smooth grass/rushes: rock, no trees
153	0.5	0.8	0.2	Smooth grass/rushes: rock, trees
155	39.4	9.0	10.2	Smooth grass/low scrub: no rock, no trees
156	30.1	5.5	11.7	Smooth grass/low scrub: no rock, trees
157	1.6	0.7	2.3	Smooth grass/low scrub: rock, no trees
158	0.2	1.6	3.2	Smooth grass/low scrub: rock, trees
160	153.8	57.1	94.9	Undiff. smooth grass.: no rock, no trees
161	44.4	6.0	7.7	Undiff. smooth grass.: no rock, trees
162	163.7	119.4	277.6	Undiff. smooth grass.: rock, no trees
163	12.5	11.4	16.8	Undiff. smooth grass.: rock, trees
170	13.2	11.0	41.5	Undiff. bracken: no rock, no trees
171	13.1	6.8	10.4	Undiff. bracken: no rock, trees
172	3.4	9.9	47.9	Undiff. bracken: rock, no trees
173	2.6	7.3	11.9	Undiff. bracken: rock, trees
180	1103.7	764.5	2212.6	Blanket bog/peat. veg.: erosion, no trees
181	0.1	0	0.5	Blanket bog/peat. veg.: erosion, trees
182	2113.3	1046.3	4653.8	Blanket bog/peat. veg.: no erosion, no trees

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Table 7.0.2 Total audit of land cover features in Highland Region in which all mosaics are allocated according to primary or secondary feature (continued).

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
183	14.6	1.7	16.9	Blanket bog/peat. veg.: no erosion, trees
184	119.6	5.7	0	Blanket bog/peat. veg.: dubh lochans
185	2.7	0	0	Blanket bog/peat. veg.: industrial peat workings
186	146.4	50.5	35.2	Blanket bog/peat. veg.: other peat workings
190	11.4	N.S	1.4	Undiff. salt marsh: no trees
191	3.2	0.7	0.8	Maritime grassland: no trees
200	11.9	2.6	5.0	Wetlands: no drains, no trees
201	10.7	0.4	1.5	Wetlands: drains, no trees
202	2.8	0.2	0.5	Wetlands: no drains, trees
203	1.3	0	0	Wetlands: drains, trees
210	0.8	0.9	0.3	Bare dunes
211	7.7	1.9	0.3	Partially stabilized dunes
212	21.0	4.0	3.5	Links area: grass
213	1.9	2.3	1.1	Links area: heath
221	0.1	0	1.1	recoded as 180
222	758.1	486.2	73.7	Undiff. montane veg.: rock
223	180.2	137.2	67.6	Undiff. montane veg.: no rock
TOTAL	14619.6	11512.9	11512.9	

Table 7.0.3 Total audit of land cover features in Highland Region in which all mosaics are separately identified.

All areas are expressed in square kilometres to 1 decimal place; all percentages are expressed as % of the total area; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05

code	area	%	description
3	5.4	N.S	Factory
4	8.6	N.S	Airfield
5	10.6	N.S	Golf course
6	0.2	N.S	Cemeteries
7	2.9	N.S	Recreational land
10	248.9	1.0	Rock and cliffs (area)
12	8.0	N.S	Quarries and opencast (area)
14	0.2	N.S	Bings and refuse tips (area)
18	741.7	2.8	Water (area)
19	N.S	N.S	Water (point)
20	67.7	0.3	Built-up (area)
22	N.S	N.S	Transport features, rail
24	3.7	N.S	Estuary
25	37.8	0.1	No photography
26	86.6	0.3	Cloud cover
27	16.5	0.1	Snow cover
28	1.5	N.S	Ski tows
29	0.1	N.S	Built-up (line or point)
70	1464.7	5.6	Coniferous plantation (area)
73	45.5	0.2	Coniferous semi-natural (area)

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Table 7.0.3 Total audit of land cover features in Highland Region in which all mosaics are separately identified (continued).

code	area	%	description
76	382.1	1.5	Undiff. broadleaved (area)
78	0.6	N.S	Undiff. broadleaved (point)
79	160.6	0.6	Undiff. mixed woodland (area)
82	21.2	0.1	Undiff. low scrub
83	441.0	1.7	Recent ploughing for forestry
84	58.4	0.2	Recently felled forestry
85	515.0	2.0	Open canopy (young plantation)
86	N.S	N.S	Rhododendron scrub
87	3.9	N.S	Recent 'ripping' for forestry
90	997.6	3.8	Imp. pasture: no rock, no farms, no trees
91	10.0	N.S	Imp. pasture: no rock, no farms, trees
92	44.9	0.2	Imp. pasture: no rock, farms, no trees
93	8.3	N.S	Imp. pasture: no rock, farms, trees
94	39.8	0.2	Imp. pasture: rock, no farms, no trees
95	1.0	N.S	Imp. pasture: rock, no farms, trees
96	11.5	N.S	Imp. pasture: rock, farms, no trees
97	3.9	N.S	Imp. pasture: rock, farms, trees
100	558.6	2.1	Arable: no rock, no farms, no trees
101	0.3	N.S	Arable: no rock, no farms, trees
102	1.6	N.S	Arable: no rock, farms, no trees
105	N.S	N.S	Arable: rock, no farms, trees
110	211.7	0.8	Dry heather moor: no rock, no burning, no trees
111	32.5	0.1	Dry heather moor: no rock, no burning, trees
112	177.3	0.7	Dry heather moor: no rock, burning, no trees
113	2.9	N.S	Dry heather moor: no rock, burning, trees
114	168.5	0.6	Dry heather moor: rock, no burning, no trees
115	10.7	N.S	Dry heather moor: rock, no burning, trees
116	26.1	0.1	Dry heather moor: rock, burning, no trees
117	1.1	N.S	Dry heather moor: rock, burning, trees
120	145.3	0.6	Wet heather moor: no rock, no burning, no trees
121	3.6	N.S	Wet heather moor: no rock, no burning, trees
122	3.9	N.S	Wet heather moor: no rock, burning, no trees
123	0.1	N.S	Wet heather moor: no rock, burning, trees
124	203.7	0.8	Wet heather moor: rock, no burning, no trees
125	2.1	N.S	Wet heather moor: rock, no burning, trees
126	0.1	N.S	Wet heather moor: rock, burning, no trees
130	973.5	3.7	Undiff. heather moor: no rock, no burning, no trees
131	49.1	0.2	Undiff. heather moor: no rock, no burning, trees
132	240.0	0.9	Undiff. heather moor: no rock, burning, no trees
133	2.9	N.S	Undiff. heather moor: no rock, burning, trees
134	1046.3	4.0	Undiff. heather moor: rock, no burning, no trees
135	14.5	0.1	Undiff. heather moor: rock, no burning, trees
136	35.9	0.1	Undiff. heather moor: rock, burning, no trees
137	0.2	N.S	Undiff. heather moor: rock, burning, trees
140	64.0	0.2	Undiff. Nardus/Molinia: no rock, no trees
141	4.5	N.S	Undiff. Nardus/Molinia: no rock, trees
142	31.2	0.1	Undiff. Nardus/Molinia: rock, no trees
143	0.3	N.S	Undiff. Nardus/Molinia: rock, trees
150	156.5	0.6	Smooth grass/rushes: no rock, no trees
151	6.6	N.S	Smooth grass/rushes: no rock, trees

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Table 7.0.3 Total audit of land cover features in Highland Region in which all mosaics are separately identified (continued).

code	area	%	description	
152	3.5	N.S	Smooth grass/rushes: rock, no trees	
153	0.5	N.S	Smooth grass/rushes: rock, trees	
155	39.4	0.2	Smooth grass/low scrub: no rock, no trees	
156	30.1	0.1	Smooth grass/low scrub: no rock, trees	
157	1.6	N.S	Smooth grass/low scrub: rock, no trees	
158	0.2	N.S	Smooth grass/low scrub: rock, trees	
160	153.8	0.6	Undiff. smooth grass.: no rock, no trees	
161	44.4	0.2	Undiff. smooth grass.: no rock, trees	
162	163.7	0.6	Undiff. smooth grass.: rock, no trees	
163	12.5	N.S	Undiff. smooth grass.: rock, trees	
170	13.2	0.1	Undiff. bracken: no rock, no trees	
171	13.1	N.S	Undiff. bracken: no rock, trees	
172	3.4	N.S	Undiff. bracken: rock, no trees	
173	2.6	N.S	Undiff. bracken: rock, trees	
180	1103.7	4.2	Blanket bog/peat. veg.: erosion, no trees	
181	0.1	N.S	Blanket bog/peat. veg.: erosion, trees	
182	2113.3	8.1	Blanket bog/peat. veg.: no erosion, no trees	
183	14.6	0.1	Blanket bog/peat. veg.: no erosion, trees	
184	119.6	0.5	Blanket bog/peat. veg.: dubh lochans	
185	2.7	N.S	Blanket bog/peat. veg.: industrial peat workings	
186	146.4	0.6	Blanket bog/peat. veg.: other peat workings	
190	11.4	N.S	Undiff. salt marsh: no trees	
191	3.2	N.S	Maritime grassland: no trees	
200	11.9	N.S	Wetlands: no drains, no trees	
201	10.7	N.S	Wetlands: drains, no trees	
202	2.8	N.S	Wetlands: no drains, trees	
203	1.3	N.S	Wetlands: drains, trees	
210	0.8	N.S	Bare dunes	
211	7.7	N.S	Partially stabilized dunes	
212	21.0	0.1	Links area: grass	
213	1.9	N.S	Links area: heath	
221	0.1	N.S	recoded as 180	
222	758.1	2.9	Undiff. montane veg.: rock	
223	180.2	0.7	Undiff. montane veg.: no rock	
code	area	%	primary feature	secondary feature
301	12.9	N.S	Undiff. smooth grass.: rock, no trees	Dry heather moor: rock, no burning, no trees
308	0.5	N.S	Imp. pasture: no rock, no farms, no trees	Blanket bog/peat. veg.: other peat workings
309	0.7	N.S	Blanket bog/peat. veg.: no erosion, no trees	Blanket bog/peat. veg.: other peat workings
311	1.3	N.S	Undiff. bracken: rock, no trees	Dry heather moor: rock, no burning, no trees
312	1432.0	5.5	Wet heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
313	490.9	1.9	Blanket bog/peat. veg.: no erosion, no trees	Wet heather moor: rock, no burning, no trees
314	0.2	N.S	Imp. pasture: rock, no farms, no trees	Blanket bog/peat. veg.: other peat workings
315	2.2	N.S	Wet heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: other peat workings
316	2.0	N.S	Dry heather moor: rock, no burning, no trees	Undiff. bracken: rock, no trees
317	61.7	0.2	Undiff. smooth grass.: rock, no trees	Undiff. heather moor: rock, no burning, no trees
319	0.3	N.S	Partially stabilized dunes	Bare dunes
324	1.3	N.S	Imp. pasture: no rock, no farms, no trees	Blanket bog/peat. veg.: no erosion, no trees
326	16.2	0.1	Dry heather moor: rock, no burning, no trees	Undiff. smooth grass.: rock, no trees
330	1.0	N.S	Wetlands: no drains, no trees	Water (area)

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Table 7.0.3 Total audit of land cover features in Highland Region in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
331	7.3	N.S	Rock and cliffs (area)	Wet heather moor: rock, no burning, no trees
332	1.6	N.S	Undiff. smooth grass.: rock, no trees	Wet heather moor: rock, no burning, no trees
333	0.2	N.S	Links area: grass	Rock and cliffs (area)
340	371.2	1.4	Wet heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: erosion, no trees
342	0.3	N.S	Blanket bog/peat. veg.: other peat workings	Blanket bog/peat. veg.: no erosion, no trees
343	111.6	0.4	Blanket bog/peat. veg.: erosion, no trees	Wet heather moor: rock, no burning, no trees
347	0.7	N.S	Bare dunes	Links area: grass
350	0.5	N.S	Smooth grass/rushes: no rock, no trees	Undiff. salt marsh: no trees
351	6.0	N.S	Smooth grass/rushes: no rock, no trees	Wet heather moor: no rock, no burning, no trees
352	28.8	0.1	Wet heather moor: no rock, no burning, no trees	Smooth grass/rushes: no rock, no trees
353	83.0	0.3	Imp. pasture: no rock, no farms, no trees	Smooth grass/rushes: no rock, no trees
355	7.6	N.S	Blanket bog/peat. veg.: no erosion, no trees	Smooth grass/rushes: no rock, no trees
356	5.1	N.S	Undiff. smooth grass.: no rock, no trees	Smooth grass/rushes: no rock, no trees
358	175.4	0.7	Blanket bog/peat. veg.: no erosion, no trees	Wet heather moor: no rock, no burning, no trees
359	1.5	N.S	Undiff. heather moor: no rock, no burning, no trees	Imp. pasture: no rock, no farms, no trees
360	521.2	2.0	Undiff. heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
361	961.2	3.7	Wet heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
362	7.4	N.S	Undiff. heather moor: no rock, no burning, no trees	Undiff. bracken: no rock, no trees
363	1.4	N.S	Wet heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: other peat workings
364	4.8	N.S	Wet heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
365	1.7	N.S	Undiff. bracken: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
366	7.7	N.S	Undiff. heather moor: rock, no burning, no trees	Undiff. bracken: rock, no trees
367	3.2	N.S	Undiff. bracken: rock, no trees	Undiff. heather moor: rock, no burning, no trees
368	0.1	N.S	Wet heather moor: no rock, no burning, no trees	Smooth grass/low scrub: no rock, no trees
369	5.0	N.S	Undiff. smooth grass.: no rock, no trees	Wet heather moor: no rock, no burning, no trees
370	16.5	0.1	Undiff. heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: other peat workings
371	0.5	N.S	Maritime grassland: no trees	Wet heather moor: no rock, no burning, no trees
372	23.5	0.1	Blanket bog/peat. veg.: other peat workings	Wet heather moor: no rock, no burning, no trees
373	0.4	N.S	Blanket bog/peat. veg.: other peat workings	Smooth grass/rushes: no rock, no trees
374	1571.7	6.0	Undiff. heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
379	0.7	N.S	Smooth grass/low scrub: no rock, no trees	Wetlands: no drains, no trees
380	16.6	0.1	Blanket bog/peat. veg.: other peat workings	Undiff. heather moor: no rock, no burning, no trees
381	8.7	N.S	Blanket bog/peat. veg.: other peat workings	Undiff. heather moor: rock, no burning, no trees
382	288.7	1.1	Blanket bog/peat. veg.: no erosion, no trees	Undiff. heather moor: no rock, no burning, no trees
383	0.3	N.S	Smooth grass/low scrub: rock, no trees	Undiff. heather moor: no rock, no burning, no trees
384	33.7	0.1	Blanket bog/peat. veg.: no erosion, no trees	Undiff. heather moor: rock, no burning, no trees
385	46.3	0.2	Undiff. heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
386	0.7	N.S	Smooth grass/rushes: no rock, no trees	Undiff. low scrub
387	0.4	N.S	Smooth grass/low scrub: no rock, no trees	Smooth grass/rushes: no rock, no trees
389	3.0	N.S	Dry heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
390	11.3	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. smooth grass.: no rock, no trees
391	1.1	N.S	Undiff. montane veg.: rock	recoded as 180
393	2.3	N.S	Recently felled forestry	Coniferous plantation (area)
394	0.2	N.S	Imp. pasture: no rock, farms, trees	Imp. pasture: rock, farms, trees
395	0.7	N.S	Smooth grass/rushes: no rock, no trees	Smooth grass/low scrub: no rock, no trees
396	197.9	0.8	Undiff. heather moor: rock, no burning, no trees	Undiff. smooth grass.: rock, no trees
399	5.4	N.S	Smooth grass/rushes: no rock, no trees	Imp. pasture: no rock, no farms, no trees
400	18.9	0.1	Undiff. smooth grass.: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
401	18.6	0.1	Undiff. smooth grass.: rock, no trees	Undiff. bracken: rock, no trees
402	6.7	N.S	Smooth grass/rushes: no rock, no trees	Undiff. Nardus/Molinia: no rock, no trees

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Table 7.0.3 Total audit of land cover features in Highland Region in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
404	0.9	N.S	Smooth grass/low scrub: no rock, trees	Undiff. heather moor: no rock, no burning, trees
406	11.4	N.S	Smooth grass/rushes: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
407	2.0	N.S	Undiff. heather moor: no rock, burning, no trees	Undiff. smooth grass.: no rock, no trees
408	2.9	N.S	Undiff. heather moor: no rock, no burning, trees	Undiff. smooth grass.: no rock, trees
409	1.3	N.S	Imp. pasture: no rock, no farms, no trees	Smooth grass/low scrub: no rock, no trees
410	6.0	N.S	Undiff. smooth grass.: no rock, no trees	Imp. pasture: no rock, no farms, no trees
411	2.0	N.S	Undiff. smooth grass.: no rock, trees	Undiff. heather moor: no rock, no burning, trees
412	1.9	N.S	Undiff. heather moor: no rock, no burning, trees	Smooth grass/low scrub: no rock, trees
413	1.0	N.S	Smooth grass/rushes: no rock, trees	Smooth grass/low scrub: no rock, trees
414	22.2	0.1	Undiff. Nardus/Molinia: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
415	8.6	N.S	Undiff. smooth grass.: no rock, no trees	Undiff. bracken: no rock, no trees
416	0.6	N.S	Undiff. Nardus/Molinia: no rock, no trees	Smooth grass/rushes: no rock, no trees
417	2.6	N.S	Undiff. heather moor: no rock, no burning, no trees	Smooth grass/low scrub: no rock, no trees
418	2.9	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. bracken: no rock, no trees
420	7.8	N.S	Dry heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
421	3.7	N.S	Undiff. smooth grass.: no rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
424	10.1	N.S	Undiff. smooth grass.: rock, no trees	Undiff. Nardus/Molinia: rock, no trees
425	0.2	N.S	Undiff. smooth grass.: no rock, trees	Undiff. bracken: no rock, no trees
426	3.7	N.S	Smooth grass/rushes: no rock, no trees	Undiff. smooth grass.: no rock, no trees
427	0.2	N.S	Imp. pasture: no rock, no farms, trees	Smooth grass/rushes: no rock, trees
428	0.1	N.S	Undiff. Nardus/Molinia: rock, no trees	Dry heather moor: rock, no burning, no trees
429	3.4	N.S	Undiff. Nardus/Molinia: rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
432	0.4	N.S	Undiff. smooth grass.: no rock, trees	Dry heather moor: no rock, no burning, trees
434	1.1	N.S	Undiff. smooth grass.: no rock, trees	Undiff. bracken: no rock, trees
436	9.2	N.S	Undiff. Nardus/Molinia: no rock, no trees	Blanket bog/peat. veg.: erosion, no trees
437	17.7	0.1	Undiff. heather moor: no rock, no burning, no trees	Smooth grass/rushes: no rock, no trees
438	59.5	0.2	Undiff. heather moor: no rock, burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
439	0.2	N.S	Undiff. smooth grass.: rock, no trees	Undiff. bracken: no rock, no trees
440	6.4	N.S	Smooth grass/low scrub: no rock, no trees	Undiff. bracken: no rock, no trees
441	0.1	N.S	Smooth grass/low scrub: no rock, trees	Undiff. bracken: no rock, no trees
442	251.6	1.0	Undiff. heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
443	1.9	N.S	Undiff. heather moor: no rock, burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
444	2.9	N.S	Undiff. Nardus/Molinia: no rock, no trees	Undiff. smooth grass.: no rock, no trees
446	2.2	N.S	Wet heather moor: rock, no burning, no trees	Undiff. smooth grass.: rock, no trees
447	7.4	N.S	Blanket bog/peat. veg.: erosion, no trees	Undiff. Nardus/Molinia: rock, no trees
448	812.1	3.1	Undiff. heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: rock, no trees
449	13.7	0.1	Blanket bog/peat. veg.: no erosion, no trees	Undiff. Nardus/Molinia: no rock, no trees
450	0.1	N.S	Undiff. smooth grass.: rock, no trees	Smooth grass/rushes: no rock, no trees
451	3.9	N.S	Undiff. smooth grass.: rock, no trees	Imp. pasture: no rock, no farms, no trees
452	0.2	N.S	Imp. pasture: rock, no farms, no trees	Smooth grass/rushes: no rock, no trees
453	4.0	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. smooth grass.: rock, no trees
454	10.1	N.S	Open canopy (young plantation)	Coniferous plantation (area)
456	1.4	N.S	Dry heather moor: rock, no burning, trees	Undiff. smooth grass.: rock, trees
457	3.5	N.S	Undiff. smooth grass.: rock, trees	Undiff. bracken: rock, trees
458	0.2	N.S	Undiff. smooth grass.: no rock, trees	Smooth grass/rushes: no rock, trees
460	5.4	N.S	Dry heather moor: no rock, no burning, no trees	Undiff. bracken: no rock, no trees
466	0.3	N.S	Dry heather moor: no rock, burning, no trees	Undiff. smooth grass.: no rock, no trees
469	0.7	N.S	Dry heather moor: rock, burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
472	1.8	N.S	Dry heather moor: no rock, no burning, no trees	Undiff. low scrub
473	0.4	N.S	Dry heather moor: no rock, no burning, no trees	Smooth grass/low scrub: no rock, no trees

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Table 7.0.3 Total audit of land cover features in Highland Region in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
474	5.0	N.S	Blanket bog/peat. veg.: erosion, no trees	Undiff. Nardus/Molinia: no rock, no trees
475	0.1	N.S	Dry heather moor: no rock, no burning, no trees	Smooth grass/rushes: no rock, no trees
476	14.2	0.1	Dry heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
477	683.2	2.6	Undiff. heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: erosion, no trees
478	9.4	N.S	Undiff. heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: other peat workings
479	0.4	N.S	Undiff. smooth grass.: no rock, no trees	Imp. pasture: no rock, farms, no trees
480	0.6	N.S	Imp. pasture: no rock, farms, no trees	Undiff. smooth grass.: no rock, no trees
481	2.5	N.S	Undiff. heather moor: rock, no burning, no trees	Undiff. smooth grass.: rock, trees
482	0.9	N.S	Dry heather moor: rock, no burning, no trees	Smooth grass/low scrub: rock, no trees
485	0.8	N.S	Undiff. Nardus/Molinia: no rock, no trees	Wet heather moor: no rock, no burning, no trees
486	2.1	N.S	Dry heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
487	0.9	N.S	Undiff. heather moor: no rock, no burning, trees	Smooth grass/rushes: no rock, trees
488	0.4	N.S	Dry heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: erosion, no trees
489	0.1	N.S	Smooth grass/low scrub: no rock, no trees	Dry heather moor: no rock, no burning, no trees
491	0.2	N.S	Dry heather moor: no rock, no burning, trees	Undiff. smooth grass.: no rock, trees
493	0.2	N.S	Undiff. smooth grass.: no rock, no trees	Smooth grass/low scrub: no rock, no trees
494	84.9	0.3	Undiff. Nardus/Molinia: rock, no trees	Undiff. heather moor: rock, no burning, no trees
495	3.0	N.S	Blanket bog/peat. veg.: no erosion, no trees	Undiff. smooth grass.: rock, no trees
497	1.1	N.S	Blanket bog/peat. veg.: no erosion, no trees	Undiff. Nardus/Molinia: rock, no trees
498	0.8	N.S	Links area: grass	Undiff. low scrub
499	2.0	N.S	Imp. pasture: rock, no farms, no trees	Undiff. smooth grass.: rock, no trees
500	10.8	N.S	Undiff. heather moor: no rock, no burning, trees	Blanket bog/peat. veg.: no erosion, trees
503	35.9	0.1	Undiff. Nardus/Molinia: rock, no trees	Undiff. smooth grass.: rock, no trees
505	0.1	N.S	Smooth grass/low scrub: rock, no trees	Undiff. bracken: rock, no trees
506	1.1	N.S	Links area: grass	Links area: heath
507	N.S	N.S	Smooth grass/low scrub: no rock, no trees	Imp. pasture: no rock, no farms, no trees
509	0.6	N.S	Coniferous plantation (area)	Recently felled forestry
510	1.1	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. heather moor: no rock, no burning, no trees
512	0.2	N.S	Wet heather moor: no rock, no burning, trees	Smooth grass/rushes: no rock, trees
513	2.7	N.S	Dry heather moor: no rock, no burning, trees	Undiff. bracken: no rock, trees
517	2.6	N.S	Undiff. Nardus/Molinia: rock, no trees	Wet heather moor: rock, no burning, no trees
518	7.8	N.S	Imp. pasture: no rock, farms, no trees	Smooth grass/rushes: no rock, no trees
520	0.3	N.S	Maritime grassland: no trees	Undiff. Nardus/Molinia: rock, no trees
521	8.3	N.S	Wet heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
524	9.2	N.S	Smooth grass/rushes: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
525	13.3	0.1	Blanket bog/peat. veg.: no erosion, no trees	Undiff. heather moor: no rock, burning, no trees
528	4.6	N.S	Undiff. smooth grass.: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
533	3.2	N.S	Smooth grass/low scrub: no rock, trees	Undiff. bracken: no rock, trees
534	0.2	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. low scrub
535	2.0	N.S	Dry heather moor: no rock, no burning, trees	Undiff. low scrub
536	0.9	N.S	Dry heather moor: no rock, no burning, trees	Blanket bog/peat. veg.: no erosion, no trees
537	0.9	N.S	Undiff. mixed woodland (area)	Undiff. low scrub
538	0.5	N.S	Undiff. low scrub	Smooth grass/rushes: no rock, no trees
540	0.4	N.S	Undiff. smooth grass.: rock, no trees	Maritime grassland: no trees
541	0.7	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. heather moor: rock, no burning, no trees
542	1.0	N.S	Wet heather moor: rock, no burning, no trees	Imp. pasture: rock, no farms, no trees
547	0.5	N.S	Undiff. low scrub	Undiff. mixed woodland (area)
548	0.1	N.S	Undiff. low scrub	Partially stabilized dunes
549	0.1	N.S	Undiff. broadleaved (area)	Undiff. low scrub
550	0.4	N.S	Undiff. low scrub	Wetlands: no drains, no trees

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Table 7.0.3 Total audit of land cover features in Highland Region in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
551	1.9	N.S	Links area: heath	Undiff. low scrub
552	0.6	N.S	Dry heather moor: no rock, burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
553	1.1	N.S	Undiff. Nardus/Molinia: rock, no trees	Undiff. bracken: rock, no trees
556	210.7	0.8	Wet heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: erosion, no trees
557	2.1	N.S	Undiff. bracken: rock, no trees	Undiff. smooth grass.: rock, no trees
558	1.4	N.S	Undiff. bracken: no rock, no trees	Smooth grass/rushes: no rock, no trees
559	0.2	N.S	Undiff. bracken: no rock, trees	Smooth grass/rushes: no rock, trees
560	0.2	N.S	Undiff. bracken: rock, no trees	Undiff. Nardus/Molinia: rock, no trees
561	0.6	N.S	Undiff. bracken: no rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
562	4.5	N.S	Coniferous plantation (area)	Rhododendron scrub
563	0.6	N.S	Undiff. smooth grass.: rock, no trees	Rock and cliffs (area)
564	65.2	0.2	Undiff. Nardus/Molinia: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
565	175.1	0.7	Blanket bog/peat. veg.: erosion, no trees	Wet heather moor: no rock, no burning, no trees
566	25.9	0.1	Coniferous plantation (area)	Open canopy (young plantation)
567	1.3	N.S	Wet heather moor: rock, no burning, no trees	Imp. pasture: no rock, no farms, no trees
568	14.4	0.1	Dry heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: rock, no trees
569	2.2	N.S	Recent ploughing for forestry	Open canopy (young plantation)
570	0.9	N.S	Undiff. smooth grass.: rock, no trees	Imp. pasture: rock, no farms, no trees
571	3.8	N.S	Undiff. smooth grass.: rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
572	0.2	N.S	Smooth grass/rushes: no rock, no trees	Imp. pasture: rock, no farms, no trees
573	1.5	N.S	Wet heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: rock, no trees
574	2.0	N.S	Recent ploughing for forestry	Blanket bog/peat. veg.: no erosion, no trees
575	0.3	N.S	Undiff. smooth grass.: rock, trees	Undiff. smooth grass.: rock, no trees
577	0.4	N.S	Undiff. Nardus/Molinia: rock, no trees	Maritime grassland: no trees
578	8.9	N.S	Undiff. montane veg.: rock	Undiff. montane veg.: no rock
580	598.9	2.3	Undiff. heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: erosion, no trees
581	0.4	N.S	Undiff. low scrub	Links area: grass
583	4.0	N.S	Coniferous plantation (area)	Wet heather moor: rock, no burning, no trees
584	0.2	N.S	Undiff. bracken: rock, no trees	Undiff. low scrub
585	1.0	N.S	Undiff. bracken: rock, no trees	Smooth grass/low scrub: rock, no trees
586	2.8	N.S	Smooth grass/rushes: no rock, no trees	Undiff. bracken: no rock, no trees
587	0.4	N.S	Undiff. heather moor: rock, no burning, no trees	Undiff. bracken: rock, trees
588	0.1	N.S	Undiff. bracken: rock, trees	Undiff. smooth grass.: rock, trees
589	1.5	N.S	Smooth grass/rushes: no rock, no trees	Undiff. bracken: rock, no trees
592	0.8	N.S	Undiff. Nardus/Molinia: no rock, no trees	Undiff. bracken: no rock, no trees
593	2.0	N.S	Undiff. bracken: no rock, no trees	Undiff. smooth grass.: no rock, no trees
596	2.3	N.S	Blanket bog/peat. veg.: no erosion, no trees	Blanket bog/peat. veg.: erosion, no trees
598	0.1	N.S	Wet heather moor: rock, no burning, no trees	Imp. pasture: rock, farms, no trees
599	25.2	0.1	Blanket bog/peat. veg.: erosion, no trees	Undiff. montane veg.: rock
602	36.1	0.1	Blanket bog/peat. veg.: erosion, no trees	Undiff. montane veg.: no rock
603	96.0	0.4	Undiff. montane veg.: no rock	Blanket bog/peat. veg.: erosion, no trees
606	1.7	N.S	Smooth grass/rushes: rock, no trees	Imp. pasture: rock, no farms, no trees
607	212.7	0.8	Undiff. montane veg.: rock	Blanket bog/peat. veg.: erosion, no trees
608	1.0	N.S	Undiff. montane veg.: rock	Blanket bog/peat. veg.: no erosion, no trees
611	0.2	N.S	Undiff. mixed woodland (area)	Rhododendron scrub
620	24.2	0.1	Undiff. montane veg.: no rock	Blanket bog/peat. veg.: no erosion, no trees
625	2.3	N.S	Blanket bog/peat. veg.: no erosion, no trees	Undiff. montane veg.: rock
627	8.8	N.S	Blanket bog/peat. veg.: no erosion, no trees	Undiff. montane veg.: no rock
628	3.9	N.S	Undiff. bracken: no rock, trees	Smooth grass/low scrub: no rock, trees
629	0.2	N.S	Recent ploughing for forestry	Undiff. mixed woodland (area)

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Table 7.0.3 Total audit of land cover features in Highland Region in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
630	0.7	N.S	Dry heather moor: no rock, no burning, trees	Smooth grass/low scrub: no rock, trees
631	2.0	N.S	Undiff. smooth grass.: no rock, no trees	Dry heather moor: no rock, no burning, no trees
632	17.6	0.1	Undiff. heather moor: rock, no burning, no trees	Rock and cliffs (area)
633	0.3	N.S	Undiff. smooth grass.: rock, trees	Blanket bog/peat. veg.: no erosion, no trees
634	97.9	0.4	Blanket bog/peat. veg.: erosion, no trees	Undiff. heather moor: rock, no burning, no trees
635	0.9	N.S	Imp. pasture: no rock, no farms, no trees	Smooth grass/rushes: rock, no trees
636	4.3	N.S	Undiff. heather moor: rock, no burning, no trees	Smooth grass/rushes: rock, no trees
637	4.2	N.S	Imp. pasture: rock, no farms, no trees	Smooth grass/rushes: rock, no trees
638	N.S	N.S	Undiff. salt marsh: no trees	Rock and cliffs (area)
639	0.4	N.S	Blanket bog/peat. veg.: other peat workings	Smooth grass/rushes: rock, no trees
640	11.2	N.S	Undiff. heather moor: no rock, no burning, no trees	Undiff. montane veg.: no rock
643	1.1	N.S	Dry heather moor: no rock, no burning, trees	Blanket bog/peat. veg.: no erosion, trees
644	1.5	N.S	Blanket bog/peat. veg.: no erosion, trees	Undiff. heather moor: no rock, no burning, trees
645	3.0	N.S	Undiff. bracken: no rock, no trees	Smooth grass/low scrub: no rock, no trees
652	1.2	N.S	Imp. pasture: no rock, no farms, no trees	Smooth grass/low scrub: no rock, trees
655	N.S	N.S	Arable: no rock, no farms, no trees	Smooth grass/low scrub: no rock, no trees
659	1.7	N.S	Undiff. bracken: no rock, no trees	Dry heather moor: no rock, no burning, no trees
662	0.1	N.S	Undiff. smooth grass.: no rock, no trees	Coniferous plantation (area)
663	0.2	N.S	Coniferous plantation (area)	Undiff. smooth grass.: no rock, no trees
668	0.2	N.S	Undiff. Nardus/Molinia: no rock, no trees	Imp. pasture: no rock, no farms, no trees
670	0.1	N.S	Wet heather moor: no rock, no burning, no trees	Imp. pasture: rock, no farms, no trees
673	1.6	N.S	Blanket bog/peat. veg.: dubh lochans	Blanket bog/peat. veg.: erosion, no trees
676	0.4	N.S	Undiff. broadleaved (area)	Smooth grass/rushes: no rock, no trees
679	0.2	N.S	Golf course	Undiff. broadleaved (point)
683	0.8	N.S	Smooth grass/low scrub: rock, trees	Undiff. bracken: rock, trees
686	2.7	N.S	Undiff. heather moor: no rock, burning, no trees	Blanket bog/peat. veg.: other peat workings
687	0.6	N.S	Blanket bog/peat. veg.: other peat workings	Undiff. heather moor: no rock, burning, no trees
688	0.2	N.S	Blanket bog/peat. veg.: no erosion, no trees	Imp. pasture: no rock, no farms, no trees
689	1.0	N.S	Blanket bog/peat. veg.: erosion, no trees	Blanket bog/peat. veg.: no erosion, no trees
690	0.2	N.S	Blanket bog/peat. veg.: erosion, no trees	Blanket bog/peat. veg.: other peat workings
691	0.1	N.S	Smooth grass/low scrub: rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
693	0.4	N.S	Wet heather moor: no rock, no burning, no trees	Imp. pasture: no rock, no farms, no trees
697	0.4	N.S	Smooth grass/rushes: no rock, no trees	Wetlands: no drains, no trees
699	0.4	N.S	Wet heather moor: rock, no burning, no trees	Smooth grass/rushes: no rock, no trees
704	4.2	N.S	Wet heather moor: no rock, no burning, no trees	Undiff. smooth grass.: rock, no trees
711	0.5	N.S	Undiff. broadleaved (area)	Smooth grass/low scrub: no rock, trees
712	0.2	N.S	Smooth grass/low scrub: no rock, trees	Undiff. broadleaved (area)
716	1.2	N.S	Smooth grass/rushes: rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
721	21.0	0.1	Smooth grass/rushes: rock, no trees	Undiff. heather moor: rock, no burning, no trees
723	0.1	N.S	Bare dunes	Partially stabilized dunes
725	0.7	N.S	Blanket bog/peat. veg.: no erosion, no trees	Smooth grass/rushes: rock, no trees
726	0.4	N.S	Recent ploughing for forestry	Wet heather moor: rock, no burning, no trees
727	2.1	N.S	Blanket bog/peat. veg.: no erosion, no trees	Undiff. smooth grass.: no rock, no trees
734	0.7	N.S	Open canopy (young plantation)	Undiff. heather moor: no rock, no burning, trees
735	12.0	N.S	Coniferous plantation (area)	Coniferous semi-natural (area)
736	296.6	1.1	Blanket bog/peat. veg.: erosion, no trees	Undiff. heather moor: no rock, no burning, no trees
737	15.9	0.1	Coniferous plantation (area)	Undiff. broadleaved (area)
738	0.2	N.S	Smooth grass/rushes: no rock, no trees	Undiff. heather moor: rock, no burning, no trees
739	0.5	N.S	Undiff. heather moor: rock, no burning, trees	Blanket bog/peat. veg.: erosion, trees
740	4.7	N.S	Undiff. heather moor: rock, no burning, trees	Undiff. Nardus/Molinia: rock, trees

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Table 7.0.3 Total audit of land cover features in Highland Region in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
741	7.6	N.S	Undiff. heather moor: no rock, no burning, trees	Undiff. Nardus/Molinia: no rock, trees
742	1.9	N.S	Undiff. bracken: rock, trees	Undiff. Nardus/Molinia: rock, trees
743	10.9	N.S	Undiff. Nardus/Molinia: rock, no trees	Blanket bog/peat. veg.: erosion, no trees
744	3.5	N.S	Rock and cliffs (area)	Undiff. heather moor: rock, no burning, no trees
745	1.5	N.S	Undiff. heather moor: rock, no burning, trees	Blanket bog/peat. veg.: no erosion, no trees
746	1.8	N.S	Dry heather moor: rock, no burning, trees	Undiff. bracken: rock, trees
748	0.3	N.S	Partially stabilized dunes	Undiff. low scrub
751	3.8	N.S	Undiff. broadleaved (area)	Undiff. smooth grass.: no rock, no trees
756	0.4	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. smooth grass.: no rock, trees
757	0.7	N.S	Undiff. Nardus/Molinia: rock, trees	Undiff. smooth grass.: rock, trees
761	0.3	N.S	Undiff. smooth grass.: no rock, no trees	Undiff. low scrub
764	0.1	N.S	Imp. pasture: no rock, farms, no trees	Dry heather moor: rock, no burning, trees
765	0.7	N.S	Undiff. heather moor: rock, no burning, trees	Undiff. broadleaved (area)
766	1.9	N.S	Undiff. broadleaved (area)	Undiff. smooth grass.: rock, trees
767	0.3	N.S	Undiff. Nardus/Molinia: no rock, no trees	Rock and cliffs (area)
768	0.3	N.S	Undiff. mixed woodland (area)	Undiff. bracken: no rock, trees
769	0.3	N.S	Undiff. mixed woodland (area)	Undiff. smooth grass.: rock, trees
770	3.6	N.S	Undiff. heather moor: rock, no burning, trees	Undiff. bracken: rock, trees
771	8.6	N.S	Undiff. heather moor: rock, no burning, trees	Undiff. smooth grass.: rock, trees
772	N.S	N.S	Undiff. low scrub	Undiff. Nardus/Molinia: rock, trees
773	0.3	N.S	Recently felled forestry	Undiff. broadleaved (area)
774	1.3	N.S	Dry heather moor: rock, no burning, trees	Undiff. bracken: rock, no trees
775	0.1	N.S	Undiff. broadleaved (area)	Dry heather moor: rock, no burning, trees
776	0.5	N.S	Undiff. heather moor: rock, no burning, trees	Undiff. smooth grass.: no rock, trees
777	0.4	N.S	Undiff. broadleaved (area)	Undiff. bracken: rock, trees
779	0.1	N.S	Dry heather moor: rock, no burning, no trees	Rock and cliffs (area)
781	0.1	N.S	Undiff. heather moor: no rock, no burning, no trees	Partially stabilized dunes
782	2.9	N.S	Undiff. broadleaved (area)	Undiff. heather moor: rock, no burning, no trees
783	4.6	N.S	Undiff. smooth grass.: rock, trees	Undiff. heather moor: rock, no burning, trees
784	0.3	N.S	Undiff. smooth grass.: rock, no trees	Undiff. heather moor: rock, no burning, trees
785	2.1	N.S	Undiff. heather moor: rock, no burning, trees	Undiff. smooth grass.: rock, no trees
786	N.S	N.S	Blanket bog/peat. veg.: no erosion, no trees	Undiff. smooth grass.: no rock, trees
787	11.1	N.S	Smooth grass/rushes: rock, no trees	Undiff. bracken: rock, no trees
788	4.4	N.S	Undiff. broadleaved (area)	Undiff. heather moor: rock, no burning, trees
789	0.1	N.S	Imp. pasture: no rock, no farms, trees	Undiff. smooth grass.: rock, trees
790	0.1	N.S	Smooth grass/rushes: rock, trees	Undiff. heather moor: rock, no burning, no trees
791	0.1	N.S	Imp. pasture: no rock, no farms, trees	Smooth grass/low scrub: no rock, trees
792	0.2	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. smooth grass.: rock, trees
793	0.4	N.S	Imp. pasture: no rock, no farms, no trees	Links area: grass
794	0.1	N.S	Undiff. heather moor: rock, no burning, no trees	Links area: grass
795	0.1	N.S	Dry heather moor: no rock, burning, no trees	Undiff. bracken: rock, no trees
796	0.4	N.S	Undiff. broadleaved (area)	Dry heather moor: rock, no burning, no trees
797	0.1	N.S	Links area: grass	Undiff. smooth grass.: no rock, no trees
798	0.7	N.S	Smooth grass/low scrub: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
800	3.4	N.S	Undiff. heather moor: rock, no burning, trees	Blanket bog/peat. veg.: no erosion, trees
802	2.4	N.S	Open canopy (young plantation)	Recent ploughing for forestry
806	2.3	N.S	Undiff. low scrub	Blanket bog/peat. veg.: no erosion, no trees
807	0.2	N.S	Undiff. low scrub	Dry heather moor: no rock, no burning, no trees
808	0.1	N.S	Dry heather moor: no rock, no burning, no trees	Wet heather moor: no rock, no burning, trees
809	1.0	N.S	Undiff. heather moor: no rock, no burning, no trees	Undiff. low scrub

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Table 7.0.3 Total audit of land cover features in Highland Region in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
810	0.1	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. mixed woodland (area)
811	0.5	N.S	Dry heather moor: no rock, burning, trees	Smooth grass/low scrub: no rock, trees
812	0.4	N.S	Dry heather moor: rock, no burning, no trees	Undiff. low scrub
813	0.2	N.S	Dry heather moor: no rock, no burning, trees	Wet heather moor: no rock, no burning, no trees
814	0.1	N.S	Dry heather moor: no rock, no burning, no trees	Recently felled forestry
816	4.7	N.S	Imp. pasture: no rock, no farms, no trees	Wet heather moor: no rock, no burning, no trees
819	1.5	N.S	Smooth grass/rushes: no rock, no trees	Wetlands: drains, no trees
821	0.9	N.S	Imp. pasture: no rock, farms, no trees	Smooth grass/rushes: rock, no trees
823	0.8	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. Nardus/Molinia: rock, no trees
824	0.8	N.S	Imp. pasture: no rock, farms, no trees	Undiff. smooth grass.: rock, no trees
825	0.1	N.S	Smooth grass/rushes: no rock, trees	Undiff. low scrub
828	1.4	N.S	Imp. pasture: no rock, farms, trees	Smooth grass/low scrub: no rock, trees
831	1.0	N.S	Undiff. smooth grass.: rock, trees	Undiff. Nardus/Molinia: rock, trees
832	1.4	N.S	Undiff. smooth grass.: no rock, no trees	Links area: grass
835	0.1	N.S	Undiff. smooth grass.: rock, trees	Undiff. bracken: rock, no trees
840	0.6	N.S	Undiff. low scrub	Undiff. bracken: no rock, no trees
841	0.9	N.S	Undiff. broadleaved (area)	Dry heather moor: no rock, burning, trees
842	1.4	N.S	Smooth grass/rushes: rock, no trees	Undiff. Nardus/Molinia: rock, no trees
843	0.2	N.S	Dry heather moor: rock, burning, no trees	Undiff. bracken: rock, no trees
844	0.1	N.S	Dry heather moor: no rock, burning, no trees	Undiff. bracken: no rock, no trees
845	N.S	N.S	Dry heather moor: rock, no burning, no trees	Undiff. bracken: no rock, no trees
846	0.1	N.S	Undiff. bracken: no rock, trees	Smooth grass/low scrub: no rock, no trees
849	1.3	N.S	Smooth grass/rushes: no rock, no trees	Open canopy (young plantation)
850	0.9	N.S	Undiff. heather moor: rock, no burning, no trees	Smooth grass/rushes: no rock, no trees
851	0.5	N.S	Smooth grass/rushes: no rock, trees	Imp. pasture: no rock, farms, trees
852	1.4	N.S	Recently felled forestry	Recent ploughing for forestry
853	1.5	N.S	Recent ploughing for forestry	Undiff. broadleaved (point)
857	0.2	N.S	Undiff. heather moor: no rock, no burning, no trees	Smooth grass/low scrub: no rock, trees
858	N.S	N.S	Undiff. low scrub	Undiff. heather moor: no rock, no burning, trees
860	1.4	N.S	Undiff. heather moor: no rock, burning, no trees	Blanket bog/peat. veg.: erosion, no trees
861	0.3	N.S	Undiff. bracken: no rock, no trees	Undiff. low scrub
869	1.9	N.S	Undiff. bracken: rock, trees	Smooth grass/low scrub: rock, trees
870	0.4	N.S	Undiff. low scrub	Undiff. broadleaved (point)
871	0.1	N.S	Partially stabilized dunes	Wetlands: no drains, no trees
872	1.0	N.S	Partially stabilized dunes	Smooth grass/low scrub: no rock, no trees
873	232.5	0.9	Undiff. montane veg.: rock	Undiff. heather moor: rock, no burning, no trees
874	N.S	N.S	Dry heather moor: no rock, no burning, no trees	Undiff. heather moor: rock, no burning, trees
875	N.S	N.S	Undiff. low scrub	Coniferous plantation (area)
878	0.1	N.S	Blanket bog/peat. veg.: no erosion, trees	Undiff. smooth grass.: no rock, trees
879	0.1	N.S	Undiff. smooth grass.: rock, trees	Undiff. heather moor: rock, no burning, no trees
880	0.7	N.S	Smooth grass/rushes: rock, trees	Undiff. bracken: rock, trees
881	0.9	N.S	Undiff. broadleaved (area)	Undiff. bracken: no rock, trees
882	0.1	N.S	Blanket bog/peat. veg.: no erosion, no trees	Undiff. smooth grass.: rock, trees
883	7.4	N.S	Open canopy (young plantation)	Undiff. broadleaved (area)
884	0.1	N.S	Blanket bog/peat. veg.: no erosion, no trees	Undiff. broadleaved (area)
885	2.0	N.S	Smooth grass/rushes: rock, no trees	Blanket bog/peat. veg.: erosion, no trees
886	0.7	N.S	Imp. pasture: no rock, farms, trees	Blanket bog/peat. veg.: no erosion, trees
887	0.2	N.S	Imp. pasture: no rock, farms, no trees	Smooth grass/rushes: rock, trees
888	4.1	N.S	Blanket bog/peat. veg.: dubh lochans	Undiff. heather moor: no rock, no burning, no trees
889	1.2	N.S	Blanket bog/peat. veg.: no erosion, no trees	Wetlands: no drains, no trees

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Table 7.0.3 Total audit of land cover features in Highland Region in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
890	15.0	0.1	Undiff. montane veg.: no rock	Undiff. heather moor: no rock, no burning, no trees
891	1.4	N.S	Undiff. montane veg.: rock	Undiff. heather moor: no rock, no burning, no trees
892	2.3	N.S	Dry heather moor: no rock, no burning, no trees	Undiff. montane veg.: no rock
893	1.3	N.S	Undiff. montane veg.: no rock	Dry heather moor: no rock, no burning, no trees
895	0.3	N.S	Open canopy (young plantation)	Coniferous semi-natural (point)
896	2.1	N.S	Undiff. montane veg.: rock	Dry heather moor: rock, no burning, no trees
897	N.S	N.S	Undiff. low scrub	Arable: no rock, no farms, no trees
898	0.2	N.S	Golf course	Smooth grass/low scrub: no rock, trees
899	0.3	N.S	Coniferous semi-natural (area)	Coniferous plantation (area)
900	1.4	N.S	Coniferous semi-natural (area)	Undiff. heather moor: no rock, no burning, trees
901	0.1	N.S	Coniferous plantation (area)	Wetlands: no drains, trees
902	0.2	N.S	Undiff. mixed woodland (area)	Built-up (area)
903	0.4	N.S	Wetlands: drains, no trees	Smooth grass/rushes: no rock, no trees
904	2.3	N.S	Dry heather moor: rock, no burning, no trees	Undiff. montane veg.: rock
905	0.2	N.S	Undiff. heather moor: no rock, no burning, no trees	Undiff. montane veg.: rock
906	0.3	N.S	Coniferous semi-natural (area)	Rock and cliffs (area)
907	0.3	N.S	Wet heather moor: no rock, no burning, trees	Blanket bog/peat. veg.: no erosion, trees
909	0.8	N.S	Undiff. heather moor: rock, burning, no trees	Undiff. Nardus/Molinia: rock, no trees
910	0.2	N.S	Undiff. montane veg.: no rock	Undiff. Nardus/Molinia: no rock, no trees
912	36.9	0.1	Undiff. heather moor: rock, no burning, no trees	Undiff. montane veg.: rock
913	0.2	N.S	Coniferous semi-natural (area)	Blanket bog/peat. veg.: no erosion, no trees
917	0.1	N.S	Undiff. Nardus/Molinia: no rock, no trees	Undiff. montane veg.: no rock
919	1.4	N.S	Undiff. Nardus/Molinia: rock, no trees	Undiff. heather moor: no rock, no burning, no trees
921	0.1	N.S	Undiff. montane veg.: rock	Dry heather moor: no rock, no burning, no trees
923	5.1	N.S	Undiff. heather moor: rock, no burning, no trees	Undiff. bracken: no rock, no trees
924	2.1	N.S	Undiff. heather moor: rock, burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
925	1.2	N.S	Undiff. Nardus/Molinia: no rock, trees	Undiff. heather moor: no rock, no burning, trees
927	0.3	N.S	Undiff. mixed woodland (area)	Undiff. Nardus/Molinia: no rock, trees
928	0.6	N.S	Coniferous semi-natural (area)	Undiff. broadleaved (area)
931	0.1	N.S	Dry heather moor: no rock, no burning, trees	Open canopy (young plantation)
933	2.6	N.S	Undiff. heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
938	4.7	N.S	Blanket bog/peat. veg.: erosion, no trees	Smooth grass/rushes: no rock, no trees
939	1.5	N.S	Undiff. smooth grass.: rock, no trees	Blanket bog/peat. veg.: erosion, no trees
940	1.1	N.S	Undiff. heather moor: rock, no burning, trees	Rock and cliffs (area)
941	0.1	N.S	Undiff. Nardus/Molinia: rock, trees	Undiff. broadleaved (area)
942	0.1	N.S	Rock and cliffs (area)	Undiff. Nardus/Molinia: rock, no trees
943	1.0	N.S	Undiff. Nardus/Molinia: rock, trees	Rock and cliffs (area)
945	0.7	N.S	Undiff. broadleaved (area)	Rock and cliffs (area)
946	0.2	N.S	Undiff. broadleaved (area)	Undiff. Nardus/Molinia: rock, no trees
947	0.9	N.S	Undiff. bracken: rock, trees	Undiff. heather moor: rock, no burning, trees
950	0.1	N.S	Dry heather moor: no rock, no burning, trees	Undiff. Nardus/Molinia: no rock, trees
952	1.0	N.S	Undiff. heather moor: no rock, no burning, trees	Blanket bog/peat. veg.: erosion, no trees
953	0.4	N.S	Undiff. smooth grass.: no rock, no trees	Blanket bog/peat. veg.: erosion, no trees
955	0.6	N.S	Imp. pasture: no rock, no farms, no trees	Wetlands: no drains, no trees
969	0.3	N.S	Undiff. smooth grass.: no rock, no trees	Wetlands: no drains, no trees
983	0.1	N.S	Dry heather moor: no rock, no burning, trees	Undiff. bracken: no rock, no trees
992	7.4	N.S	Smooth grass/rushes: no rock, no trees	Blanket bog/peat. veg.: erosion, no trees
993	0.4	N.S	Coniferous plantation (area)	Undiff. heather moor: no rock, no burning, no trees
994	0.2	N.S	Dry heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: erosion, no trees
995	2.7	N.S	Undiff. smooth grass.: rock, no trees	Undiff. heather moor: no rock, no burning, no trees

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Table 7.0.3 Total audit of land cover features in Highland Region in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
1002	0.3	N.S	Coniferous plantation (area)	Undiff. heather moor: rock, no burning, no trees
1006	0.1	N.S	Dry heather moor: rock, no burning, no trees	Recent ploughing for forestry
1007	N.S	N.S	Undiff. heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: rock, no trees
1009	N.S	N.S	Undiff. low scrub	Dry heather moor: no rock, no burning, trees
1016	2.6	N.S	Dry heather moor: rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
1019	4.2	N.S	Imp. pasture: rock, no farms, no trees	Undiff. bracken: rock, no trees
1022	0.5	N.S	Undiff. smooth grass.: rock, trees	Blanket bog/peat. veg.: no erosion, trees
1024	0.8	N.S	Undiff. bracken: no rock, trees	Dry heather moor: no rock, no burning, trees
1026	0.4	N.S	Smooth grass/low scrub: no rock, trees	Dry heather moor: no rock, no burning, trees
1028	0.3	N.S	Undiff. bracken: no rock, trees	Undiff. smooth grass.: no rock, trees
1036	0.5	N.S	Undiff. mixed woodland (area)	Undiff. smooth grass.: no rock, no trees
1039	0.1	N.S	Dry heather moor: rock, no burning, no trees	Coniferous plantation (area)
1047	0.8	N.S	Undiff. smooth grass.: no rock, trees	Undiff. Nardus/Molinia: no rock, trees
1048	0.4	N.S	Smooth grass/low scrub: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
1059	0.2	N.S	Undiff. smooth grass.: no rock, trees	Undiff. smooth grass.: no rock, no trees
1060	0.1	N.S	Undiff. Nardus/Molinia: rock, no trees	Smooth grass/rushes: rock, no trees
1061	0.2	N.S	Undiff. smooth grass.: rock, trees	Isolated building, trees
1062	0.1	N.S	Recent ploughing for forestry	Dry heather moor: rock, no burning, no trees
1067	2.5	N.S	Undiff. montane veg.: rock	Undiff. Nardus/Molinia: rock, no trees
1071	0.1	N.S	Undiff. smooth grass.: rock, no trees	Undiff. broadleaved (area)
1073	1.1	N.S	Undiff. heather moor: no rock, no burning, trees	Blanket bog/peat. veg.: no erosion, no trees
1079	N.S	N.S	Wetlands: no drains, trees	Smooth grass/low scrub: no rock, trees
1085	0.2	N.S	Undiff. broadleaved (area)	Smooth grass/rushes: no rock, trees
1086	0.9	N.S	Undiff. heather moor: rock, burning, no trees	Blanket bog/peat. veg.: other peat workings
1087	3.5	N.S	Undiff. heather moor: rock, burning, no trees	Undiff. smooth grass.: rock, no trees
1092	1.5	N.S	Open canopy (young plantation)	Undiff. mixed woodland (area)
1095	0.1	N.S	Undiff. smooth grass.: no rock, no trees	Undiff. broadleaved (area)
1098	0.5	N.S	Undiff. broadleaved (area)	Undiff. smooth grass.: no rock, trees
1109	1.0	N.S	Undiff. heather moor: no rock, no burning, trees	Undiff. broadleaved (area)
1111	0.1	N.S	Undiff. broadleaved (area)	Wet heather moor: no rock, no burning, no trees
1112	0.1	N.S	Dry heather moor: rock, no burning, no trees	Undiff. smooth grass.: no rock, trees
1113	0.4	N.S	Rock and cliffs (area)	Wetlands: no drains, no trees
1117	0.2	N.S	Imp. pasture: no rock, no farms, trees	Undiff. broadleaved (area)
1118	0.7	N.S	Undiff. smooth grass.: no rock, trees	Undiff. heather moor: no rock, no burning, no trees
1121	0.2	N.S	Smooth grass/low scrub: no rock, no trees	Undiff. low scrub
1122	7.2	N.S	Undiff. heather moor: rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
1123	0.3	N.S	Coniferous plantation (area)	Wet heather moor: no rock, no burning, no trees
1124	1.5	N.S	Imp. pasture: rock, farms, no trees	Wet heather moor: no rock, no burning, no trees
1130	0.1	N.S	Blanket bog/peat. veg.: no erosion, trees	Smooth grass/low scrub: no rock, no trees
1145	N.S	N.S	Undiff. bracken: rock, no trees	Dry heather moor: rock, no burning, trees
1146	0.7	N.S	Undiff. heather moor: no rock, no burning, trees	Undiff. low scrub
1149	0.1	N.S	Rock and cliffs (area)	Coniferous plantation (point)
1150	0.8	N.S	Links area: grass	Undiff. salt marsh: no trees
1151	1.0	N.S	Links area: grass	Smooth grass/rushes: no rock, no trees
1152	0.4	N.S	Links area: heath	Links area: grass
1153	0.2	N.S	Partially stabilized dunes	Undiff. salt marsh: no trees
1161	0.2	N.S	Undiff. low scrub	Dry heather moor: rock, no burning, trees
1162	0.1	N.S	Smooth grass/low scrub: no rock, trees	Undiff. Nardus/Molinia: no rock, trees
1163	0.2	N.S	Smooth grass/low scrub: rock, no trees	Dry heather moor: rock, no burning, trees
1164	3.0	N.S	Undiff. mixed woodland (area)	Open canopy (young plantation)

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Table 7.0.3 Total audit of land cover features in Highland Region in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
1165	0.1	N.S	Links area: heath	Bare dunes
1166	0.1	N.S	Bare dunes	Undiff. low scrub
1167	N.S	N.S	Undiff. low scrub	Undiff. heather moor: no rock, no burning, no trees
1168	0.1	N.S	Blanket bog/peat. veg.: erosion, no trees	Undiff. low scrub
1169	N.S	N.S	Smooth grass/rushes: rock, trees	Undiff. bracken: no rock, no trees
1171	N.S	N.S	Undiff. low scrub	Coniferous plantation (point)
1174	0.4	N.S	Undiff. Nardus/Molinia: no rock, no trees	Undiff. heather moor: no rock, burning, no trees
1175	0.1	N.S	Undiff. Nardus/Molinia: no rock, trees	Blanket bog/peat. veg.: erosion, no trees
1176	0.1	N.S	Links area: grass	Smooth grass/low scrub: no rock, no trees
1177	N.S	N.S	Dry heather moor: rock, no burning, trees	Undiff. low scrub
1178	0.9	N.S	Undiff. low scrub	Undiff. bracken: no rock, trees
1181	0.4	N.S	Open canopy (young plantation)	Undiff. heather moor: no rock, no burning, no trees
1182	0.6	N.S	Undiff. heather moor: rock, no burning, trees	Undiff. bracken: no rock, no trees
1183	0.4	N.S	Coniferous semi-natural (area)	Wet heather moor: no rock, no burning, no trees
1186	1.3	N.S	Imp. pasture: no rock, farms, no trees	Wet heather moor: no rock, no burning, no trees
1187	1.5	N.S	Wet heather moor: rock, no burning, trees	Blanket bog/peat. veg.: no erosion, no trees
1188	0.1	N.S	Partially stabilized dunes	Wet heather moor: no rock, no burning, no trees
1193	0.7	N.S	Rock and cliffs (area)	Undiff. smooth grass.: rock, no trees
1199	0.5	N.S	Smooth grass/low scrub: rock, trees	Undiff. heather moor: rock, no burning, no trees
1201	0.8	N.S	Undiff. broadleaved (area)	Undiff. smooth grass.: rock, no trees
1203	0.4	N.S	Smooth grass/rushes: rock, no trees	Wetlands: no drains, no trees
1205	0.6	N.S	Wetlands: no drains, no trees	Smooth grass/rushes: no rock, no trees
1206	1.2	N.S	Smooth grass/rushes: rock, no trees	Imp. pasture: no rock, no farms, no trees
1211	0.3	N.S	Imp. pasture: rock, farms, no trees	Smooth grass/rushes: rock, no trees
1212	0.1	N.S	Smooth grass/low scrub: rock, trees	Smooth grass/rushes: rock, no trees
1216	1.8	N.S	Undiff. bracken: rock, no trees	Smooth grass/rushes: rock, no trees
1239	0.1	N.S	Undiff. bracken: rock, no trees	Wetlands: no drains, no trees
1240	0.1	N.S	Undiff. broadleaved (area)	Open canopy (young plantation)
1241	0.5	N.S	Smooth grass/rushes: no rock, no trees	Blanket bog/peat. veg.: other peat workings
1244	1.8	N.S	Blanket bog/peat. veg.: erosion, no trees	Undiff. smooth grass.: rock, no trees
1247	1.1	N.S	Blanket bog/peat. veg.: erosion, no trees	Smooth grass/rushes: rock, no trees
1248	0.2	N.S	Undiff. broadleaved (area)	Smooth grass/rushes: rock, no trees
1280	1.1	N.S	Undiff. bracken: no rock, trees	Undiff. heather moor: no rock, no burning, trees
1281	1.3	N.S	Open canopy (young plantation)	Undiff. heather moor: rock, no burning, no trees
1286	0.1	N.S	Recent ploughing for forestry	Undiff. heather moor: rock, no burning, no trees
1287	0.2	N.S	Undiff. smooth grass.: rock, trees	Wet heather moor: no rock, no burning, no trees
1289	0.1	N.S	Undiff. smooth grass.: no rock, no trees	Undiff. heather moor: rock, no burning, trees
1293	N.S	N.S	Smooth grass/rushes: no rock, no trees	Rhododendron scrub
1305	0.3	N.S	Undiff. broadleaved (area)	Recent ploughing for forestry
1307	1.5	N.S	Undiff. Nardus/Molinia: no rock, trees	Undiff. smooth grass.: no rock, trees
1313	0.4	N.S	Recent ploughing for forestry	Undiff. broadleaved (area)
1316	0.1	N.S	Coniferous plantation (area)	Dry heather moor: rock, no burning, no trees
1337	0.6	N.S	Dry heather moor: rock, no burning, no trees	Imp. pasture: no rock, no farms, no trees
1340	0.1	N.S	Undiff. bracken: no rock, trees	Undiff. low scrub
1343	0.5	N.S	Built-up (area)	Undiff. broadleaved (area)
1345	0.2	N.S	Undiff. low scrub	Undiff. mixed woodland (point)
1357	1.1	N.S	Undiff. heather moor: no rock, no burning, trees	Undiff. bracken: no rock, trees
1359	0.2	N.S	Undiff. Nardus/Molinia: rock, trees	Undiff. heather moor: rock, no burning, trees
1360	0.1	N.S	Undiff. Nardus/Molinia: no rock, trees	Undiff. low scrub
1361	N.S	N.S	Undiff. Nardus/Molinia: rock, no trees	Undiff. montane veg.: rock

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Table 7.0.3 Total audit of land cover features in Highland Region in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
1362	0.4	N.S	Undiff. low scrub	Undiff. bracken: rock, trees
1363	0.2	N.S	Undiff. bracken: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
1368	0.1	N.S	Undiff. bracken: no rock, trees	Undiff. Nardus/Molinia: no rock, trees
1369	2.3	N.S	Undiff. bracken: rock, trees	Dry heather moor: rock, no burning, trees
1374	0.1	N.S	Undiff. Nardus/Molinia: no rock, trees	Undiff. bracken: no rock, trees
1393	0.1	N.S	Wet heather moor: no rock, no burning, trees	Undiff. Nardus/Molinia: no rock, trees
1394	1.1	N.S	Imp. pasture: no rock, farms, trees	Smooth grass/low scrub: rock, trees
1400	0.1	N.S	Coniferous plantation (area)	Smooth grass/low scrub: no rock, trees
1401	0.1	N.S	Blanket bog/peat. veg.: erosion, no trees	Smooth grass/low scrub: no rock, no trees
1404	0.2	N.S	Blanket bog/peat. veg.: no erosion, no trees	Undiff. low scrub
1405	N.S	N.S	Undiff. Nardus/Molinia: no rock, trees	Recently felled forestry
1406	0.7	N.S	Imp. pasture: rock, farms, trees	Smooth grass/rushes: rock, no trees
1407	5.5	N.S	Rock and cliffs (area)	Undiff. montane veg.: rock
1408	1.8	N.S	Undiff. mixed woodland (area)	Wet heather moor: rock, no burning, no trees
1409	0.6	N.S	Undiff. mixed woodland (area)	Undiff. heather moor: rock, no burning, no trees
1410	0.8	N.S	Undiff. broadleaved (area)	Undiff. heather moor: no rock, no burning, trees
1411	0.3	N.S	Coniferous plantation (area)	Wet heather moor: no rock, no burning, trees
1414	1.0	N.S	Undiff. montane veg.: rock	Undiff. Nardus/Molinia: no rock, no trees
1415	0.5	N.S	Coniferous plantation (area)	Blanket bog/peat. veg.: erosion, no trees
1416	0.5	N.S	Imp. pasture: no rock, no farms, trees	Wet heather moor: no rock, no burning, trees
1417	0.3	N.S	Undiff. heather moor: rock, no burning, trees	Smooth grass/rushes: no rock, no trees
1418	0.6	N.S	Undiff. mixed woodland (area)	Wet heather moor: no rock, no burning, no trees
1419	N.S	N.S	Coniferous semi-natural (area)	Wet heather moor: no rock, no burning, trees
1420	1.0	N.S	Coniferous semi-natural (area)	Wet heather moor: rock, no burning, trees
1421	0.1	N.S	Undiff. smooth grass.: no rock, trees	Blanket bog/peat. veg.: no erosion, no trees
1422	0.2	N.S	Wet heather moor: rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
1423	0.1	N.S	Undiff. smooth grass.: rock, no trees	Coniferous plantation (area)
1424	0.1	N.S	Undiff. heather moor: rock, no burning, trees	Undiff. Nardus/Molinia: rock, no trees
1425	0.1	N.S	Undiff. heather moor: rock, no burning, trees	Blanket bog/peat. veg.: erosion, no trees
1426	0.2	N.S	Undiff. heather moor: rock, no burning, no trees	Snow cover
1427	22.8	0.1	Undiff. montane veg.: rock	Snow cover
1428	0.4	N.S	Undiff. heather moor: rock, no burning, no trees	Smooth grass/low scrub: rock, no trees
1429	0.2	N.S	Imp. pasture: no rock, no farms, no trees	Smooth grass/low scrub: rock, trees
1430	0.7	N.S	Imp. pasture: no rock, farms, trees	Smooth grass/rushes: no rock, no trees
1431	0.1	N.S	Undiff. broadleaved (area)	Undiff. bracken: no rock, no trees
1432	0.4	N.S	Coniferous plantation (area)	Undiff. mixed woodland (area)
1433	0.8	N.S	Wetlands: no drains, no trees	Blanket bog/peat. veg.: erosion, no trees
1434	0.2	N.S	Rock and cliffs (area)	Undiff. heather moor: rock, no burning, trees
1435	0.1	N.S	Smooth grass/rushes: no rock, trees	Undiff. Nardus/Molinia: no rock, trees
1436	0.4	N.S	Smooth grass/low scrub: no rock, trees	Rhododendron scrub
1438	0.7	N.S	Undiff. mixed woodland (area)	Undiff. heather moor: rock, no burning, trees
1440	0.5	N.S	Open canopy (young plantation)	Wet heather moor: rock, no burning, no trees
1441	0.1	N.S	Undiff. smooth grass.: no rock, trees	Wet heather moor: no rock, no burning, no trees
1442	0.4	N.S	Blanket bog/peat. veg.: erosion, no trees	Undiff. smooth grass.: no rock, no trees
1443	0.1	N.S	Open canopy (young plantation)	Blanket bog/peat. veg.: no erosion, no trees
1444	0.1	N.S	Open canopy (young plantation)	Undiff. smooth grass.: no rock, trees
1445	N.S	N.S	Undiff. heather moor: rock, no burning, trees	Undiff. smooth grass.: no rock, no trees
1446	0.1	N.S	Undiff. heather moor: rock, no burning, trees	Smooth grass/low scrub: no rock, trees
1448	0.5	N.S	Undiff. smooth grass.: rock, trees	Undiff. heather moor: no rock, no burning, trees
1450	0.5	N.S	Undiff. Nardus/Molinia: rock, no trees	Undiff. smooth grass.: rock, trees

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Table 7.0.3 Total audit of land cover features in Highland Region in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
1452	0.7	N.S	Undiff. heather moor: no rock, no burning, trees	Undiff. smooth grass.: no rock, no trees
1453	0.1	N.S	Undiff. Nardus/Molinia: rock, trees	Undiff. bracken: rock, trees
1455	0.1	N.S	Smooth grass/low scrub: rock, trees	Undiff. smooth grass.: rock, trees
1456	0.1	N.S	Undiff. bracken: no rock, no trees	Imp. pasture: no rock, no farms, no trees
1457	0.1	N.S	Undiff. heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, trees
1459	0.2	N.S	Coniferous plantation (area)	Recent ploughing for forestry
1460	0.7	N.S	Undiff. mixed woodland (area)	Recently felled forestry
1462	0.1	N.S	Undiff. heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, trees
1469	0.2	N.S	Wetlands: no drains, trees	Water (area)
1470	0.1	N.S	Undiff. broadleaved (area)	Undiff. heather moor: no rock, no burning, no trees
1471	0.4	N.S	Undiff. heather moor: no rock, no burning, trees	Smooth grass/low scrub: no rock, no trees
1472	1.0	N.S	Undiff. heather moor: rock, no burning, no trees	Undiff. smooth grass.: no rock, trees
1473	0.3	N.S	Coniferous plantation (area)	Rock and cliffs (area)
1474	0.2	N.S	Blanket bog/peat. veg.: no erosion, no trees	Dry heather moor: rock, no burning, no trees
1478	0.4	N.S	Coniferous plantation (area)	Undiff. smooth grass.: rock, trees
1479	1.2	N.S	Snow cover	Undiff. montane veg.: rock
1480	0.2	N.S	Undiff. bracken: rock, trees	Dry heather moor: rock, no burning, no trees
1481	0.6	N.S	Undiff. mixed woodland (area)	Rock and cliffs (area)
1482	N.S	N.S	Dry heather moor: no rock, burning, trees	Coniferous plantation (area)
1483	0.5	N.S	Undiff. montane veg.: no rock	Undiff. heather moor: no rock, burning, no trees
1484	0.1	N.S	Undiff. smooth grass.: no rock, trees	Wetlands: no drains, no trees
1485	N.S	N.S	Undiff. bracken: no rock, no trees	Wetlands: no drains, no trees
1486	0.1	N.S	Undiff. bracken: no rock, trees	Wetlands: no drains, trees
1490	N.S	N.S	Rock and cliffs (area)	Coniferous plantation (area)
1491	N.S	N.S	Smooth grass/low scrub: no rock, trees	Wetlands: no drains, trees
1492	N.S	N.S	Undiff. broadleaved (point)	Undiff. low scrub
1493	0.1	N.S	Smooth grass/low scrub: no rock, no trees	Undiff. bracken: no rock, trees
1494	0.1	N.S	Wetlands: no drains, no trees	Undiff. bracken: no rock, no trees
1495	0.6	N.S	Recent ploughing for forestry	Undiff. heather moor: rock, burning, no trees
1496	0.2	N.S	Snow cover	Undiff. montane veg.: no rock
1497	0.3	N.S	Dry heather moor: rock, no burning, trees	Wetlands: no drains, trees
1498	0.1	N.S	Dry heather moor: no rock, no burning, trees	Smooth grass/low scrub: no rock, no trees
1499	0.2	N.S	Smooth grass/low scrub: no rock, trees	Wetlands: no drains, no trees
1500	0.1	N.S	Undiff. bracken: no rock, trees	Dry heather moor: rock, no burning, no trees
1501	N.S	N.S	Wetlands: no drains, no trees	Undiff. broadleaved (area)
TOTAL	26132.5	100.0		

Cover types		single feature		features in mosaics	
		area	%	primary	secondary
Open countryside					
A	Arable	14.9	0.6	0	0
B	Improved grassland	106.6	4.5	3.0	0.4
C	Good rough grassland	60.3	2.5	14.7	16.7
D	Poor rough grassland	17.9	0.8	24.7	34.6
E	Bracken	2.8	0.1	0.9	2.3
F	Heather moorland	710.2	30.0	291.5	145.7
G	Peatland	310.2	13.1	134.5	301.2
H	Montane	181.3	7.7	59.1	30.6
I	Rock and cliffs	15.3	0.6	0	0.4
Woodland					
J	Felled woodland	9.9	0.4	0.7	0.1
K	Recent planting	35.5	1.5	1.9	0
L	Coniferous plantation	186.6	7.9	11.4	1.8
M	Semi-natural coniferous	34.1	1.4	2.4	11.3
N	Mixed woodland	21.4	0.9	0.6	N.S
O	Broadleaved	44.6	1.9	0.2	0.8
P	Scrub	0.6	N.S	0.2	0.4
Wet ground					
Q	Fresh waters	40.9	1.7	0	0
R	Marshes	8.7	0.4	0.3	1.5
S	Saltmarshes	0	0	0	0
T	Dunes	0	0	0	0
U	Tidal waters	0	0	0	0
Developed					
V	Rural development	4.0	0.2	0.4	0
W	Urban	5.7	0.2	0	0.2
Other					
X	Missing photography/obscured land	8.2	0.3	1.4	0
SUBTOTAL		1819.8	76.9		
Y	Mosaics of types above	548.0	23.1	548.0	548.0
DISTRICT TOTAL		2367.7	100.0		

Nationally significant mosaics		area	%
FG	Heather moorland Peatland	357.5	15.1
DF	Poor rough grassland Heather moorland	41.0	1.7
CF	Good rough grassland Heather moorland	9.9	0.4
GH	Peatland Montane	62.8	2.7
CD	Good rough grassland Poor rough grassland	4.9	0.2
BC	Improved grassland Good rough grassland	3.4	0.1
CE	Good rough grassland Bracken	2.5	0.1
DG	Poor rough grassland Peatland	12.8	0.5
FH	Heather moorland Montane	25.2	1.1
SUBTOTAL		519.9	22.0
Locally significant mosaics		area	%
LM	Coniferous plantation Semi-natural coniferous	11.3	0.5
CG	Good rough grassland Peatland	2.4	0.1
CR	Good rough grassland Marshes	1.8	0.1
HX	Montane Missing photography/obscured land	1.4	0.1
FM	Heather moorland Semi-natural coniferous	1.0	N.S
SUBTOTAL		17.9	0.8
Remaining mosaics		10.2	0.4
MOSAICS OF SUMMARY COVER TYPES		548.0	23.1

Table 7.1.1

Badenoch & Strathspey District

Land cover summary categories

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not match the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05. Please refer to Figure 6.2 for guidance in the interpretation of this table.

Table 7.1.2 Total audit of land cover features in Badenoch & Strathspey District in which all mosaics are allocated according to primary or secondary feature.

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05 sq km. Please refer to Figure 6.3 for guidance in the interpretation of this table.

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
3	0.4	0	0	Factory
4	N.S	0	0	Airfield
5	1.7	0.4	0	Golf course
6	N.S	0	0	Cemeteries
7	0.3	0	0	Recreational land
10	15.3	0	0.4	Rock and cliffs (area)
12	0.2	0	0	Quarries and opencast (area)
18	40.9	0	0	Water (area)
20	5.7	0	0.2	Built-up (area)
26	1.5	0	0	Cloud cover
27	6.7	1.4	0	Snow cover
28	1.4	0	0	Ski tows
70	186.6	11.4	1.8	Coniferous plantation (area)
73	34.1	2.4	11.0	Coniferous semi-natural (area)
75	0	0	0.3	Coniferous semi-natural (point)
76	44.6	0.2	0.6	Undiff. broadleaved (area)
78	0	0	0.2	Undiff. broadleaved (point)
79	21.4	0.6	N.S	Undiff. mixed woodland (area)
82	0.6	0.2	0.4	Undiff. low scrub
83	14.7	0	0	Recent ploughing for forestry
84	9.9	0.7	0.1	Recently felled forestry
85	20.8	1.9	0	Open canopy (young plantation)
90	104.6	3.0	0.4	Imp. pasture: no rock, no farms, no trees
91	1.4	0	0	Imp. pasture: no rock, no farms, trees
92	0.5	0	0	Imp. pasture: no rock, farms, no trees
94	0.1	0	0	Imp. pasture: rock, no farms, no trees
95	N.S	0	0	Imp. pasture: rock, no farms, trees
96	N.S	0	0	Imp. pasture: rock, farms, no trees
100	14.9	0	0	Arable: no rock, no farms, no trees
101	N.S	0	0	Arable: no rock, no farms, trees
110	113.2	8.0	3.4	Dry heather moor: no rock, no burning, no trees
111	16.2	0.9	0.2	Dry heather moor: no rock, no burning, trees
112	121.8	0.8	0	Dry heather moor: no rock, burning, no trees
113	1.1	0	0	Dry heather moor: no rock, burning, trees
114	54.4	4.9	2.8	Dry heather moor: rock, no burning, no trees
115	2.7	N.S	0.3	Dry heather moor: rock, no burning, trees
116	19.0	0.3	0	Dry heather moor: rock, burning, no trees
117	0.8	0	0	Dry heather moor: rock, burning, trees
120	17.0	1.2	0.7	Wet heather moor: no rock, no burning, no trees
121	2.0	0.2	0	Wet heather moor: no rock, no burning, trees
122	2.3	0	0	Wet heather moor: no rock, burning, no trees
123	0.1	0	0	Wet heather moor: no rock, burning, trees
124	0.1	0	0	Wet heather moor: rock, no burning, no trees
130	202.7	233.2	116.6	Undiff. heather moor: no rock, no burning, no trees

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Table 7.1.2 Total audit of land cover features in Badenoch & Strathspey District in which all mosaics are allocated according to primary or secondary feature (continued).

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05 sq km. Please refer to Figure 6.3 for guidance in the interpretation of this table.

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
131	21.0	7.4	3.2	Undiff. heather moor: no rock, no burning, trees
132	57.6	19.8	11.3	Undiff. heather moor: no rock, burning, no trees
133	1.5	0	0	Undiff. heather moor: no rock, burning, trees
134	74.8	13.0	7.3	Undiff. heather moor: rock, no burning, no trees
135	0.5	0	0	Undiff. heather moor: rock, no burning, trees
136	1.3	1.8	0	Undiff. heather moor: rock, burning, no trees
140	13.7	20.8	31.1	Undiff. Nardus/Molinia: no rock, no trees
141	2.8	1.8	3.1	Undiff. Nardus/Molinia: no rock, trees
142	1.4	2.2	0.4	Undiff. Nardus/Molinia: rock, no trees
150	14.7	5.7	6.9	Smooth grass/rushes: no rock, no trees
151	1.9	0.7	0.1	Smooth grass/rushes: no rock, trees
153	0.2	0	0	Smooth grass/rushes: rock, trees
155	4.3	0.1	1.6	Smooth grass/low scrub: no rock, no trees
156	8.4	0.4	1.1	Smooth grass/low scrub: no rock, trees
157	0	0.2	0.2	Smooth grass/low scrub: rock, no trees
158	0	0.1	0	Smooth grass/low scrub: rock, trees
160	21.3	6.3	5.2	Undiff. smooth grass.: no rock, no trees
161	8.9	0.4	1.2	Undiff. smooth grass.: no rock, trees
162	0.6	0.7	0	Undiff. smooth grass.: rock, no trees
163	N.S	0	0.4	Undiff. smooth grass.: rock, trees
170	0.7	0.8	1.6	Undiff. bracken: no rock, no trees
171	1.6	0.1	0.5	Undiff. bracken: no rock, trees
172	0.5	0	0.1	Undiff. bracken: rock, no trees
173	0	0	0.1	Undiff. bracken: rock, trees
180	160.5	50.6	93.2	Blanket bog/peat. veg.: erosion, no trees
181	0.1	0	0	Blanket bog/peat. veg.: erosion, trees
182	143.1	83.1	203.1	Blanket bog/peat. veg.: no erosion, no trees
183	6.5	0.8	4.9	Blanket bog/peat. veg.: no erosion, trees
184	N.S	0	0	Blanket bog/peat. veg.: dubh lochans
186	0.1	0	0	Blanket bog/peat. veg.: other peat workings
200	2.0	0	0.3	Wetlands: no drains, no trees
201	4.8	0.3	1.2	Wetlands: drains, no trees
202	1.0	0	0.1	Wetlands: no drains, trees
203	0.8	0	0	Wetlands: drains, trees
222	102.4	10.0	9.6	Undiff. montane veg.: rock
223	78.9	49.1	21.0	Undiff. montane veg.: no rock
TOTAL	1819.8	548.0	548.0	

Table 7.1.3 Total audit of land cover features in Badenoch & Strathspey District in which all mosaics are separately identified.

All areas are expressed in square kilometres to 1 decimal place; all percentages are expressed as % of the total area; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05

code	area	%	description
3	0.4	N.S	Factory
4	N.S	N.S	Airfield
5	1.7	0.1	Golf course
6	N.S	N.S	Cemeteries
7	0.3	N.S	Recreational land
10	15.3	0.6	Rock and cliffs (area)
12	0.2	N.S	Quarries and opencast (area)
18	40.9	1.7	Water (area)
20	5.7	0.2	Built-up (area)
26	1.5	0.1	Cloud cover
27	6.7	0.3	Snow cover
28	1.4	0.1	Ski tows
70	186.6	7.9	Coniferous plantation (area)
73	34.1	1.4	Coniferous semi-natural (area)
76	44.6	1.9	Undiff. broadleaved (area)
79	21.4	0.9	Undiff. mixed woodland (area)
82	0.6	N.S	Undiff. low scrub
83	14.7	0.6	Recent ploughing for forestry
84	9.9	0.4	Recently felled forestry
85	20.8	0.9	Open canopy (young plantation)
90	104.6	4.4	Imp. pasture: no rock, no farms, no trees
91	1.4	0.1	Imp. pasture: no rock, no farms, trees
92	0.5	N.S	Imp. pasture: no rock, farms, no trees
94	0.1	N.S	Imp. pasture: rock, no farms, no trees
95	N.S	N.S	Imp. pasture: rock, no farms, trees
96	N.S	N.S	Imp. pasture: rock, farms, no trees
100	14.9	0.6	Arable: no rock, no farms, no trees
101	N.S	N.S	Arable: no rock, no farms, trees
110	113.2	4.8	Dry heather moor: no rock, no burning, no trees
111	16.2	0.7	Dry heather moor: no rock, no burning, trees
112	121.8	5.1	Dry heather moor: no rock, burning, no trees
113	1.1	N.S	Dry heather moor: no rock, burning, trees
114	54.4	2.3	Dry heather moor: rock, no burning, no trees
115	2.7	0.1	Dry heather moor: rock, no burning, trees
116	19.0	0.8	Dry heather moor: rock, burning, no trees
117	0.8	N.S	Dry heather moor: rock, burning, trees
120	17.0	0.7	Wet heather moor: no rock, no burning, no trees
121	2.0	0.1	Wet heather moor: no rock, no burning, trees
122	2.3	0.1	Wet heather moor: no rock, burning, no trees
123	0.1	N.S	Wet heather moor: no rock, burning, trees
124	0.1	N.S	Wet heather moor: rock, no burning, no trees
130	202.7	8.6	Undiff. heather moor: no rock, no burning, no trees
131	21.0	0.9	Undiff. heather moor: no rock, no burning, trees
132	57.6	2.4	Undiff. heather moor: no rock, burning, no trees
133	1.5	0.1	Undiff. heather moor: no rock, burning, trees
134	74.8	3.2	Undiff. heather moor: rock, no burning, no trees
135	0.5	N.S	Undiff. heather moor: rock, no burning, trees

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Table 7.1.3 Total audit of land cover features in Badenoch & Strathspey District in which all mosaics are separately identified (continued).

All areas are expressed in square kilometres to 1 decimal place; all percentages are expressed as % of the total area; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S. = not significant = < 0.05

code	area	%	description	
136	1.3	0.1	Undiff. heather moor: rock, burning, no trees	
140	13.7	0.6	Undiff. Nardus/Molinia: no rock, no trees	
141	2.8	0.1	Undiff. Nardus/Molinia: no rock, trees	
142	1.4	0.1	Undiff. Nardus/Molinia: rock, no trees	
150	14.7	0.6	Smooth grass/rushes: no rock, no trees	
151	1.9	0.1	Smooth grass/rushes: no rock, trees	
153	0.2	N.S.	Smooth grass/rushes: rock, trees	
155	4.3	0.2	Smooth grass/low scrub: no rock, no trees	
156	8.4	0.4	Smooth grass/low scrub: no rock, trees	
160	21.3	0.9	Undiff. smooth grass.: no rock, no trees	
161	8.9	0.4	Undiff. smooth grass.: no rock, trees	
162	0.6	N.S.	Undiff. smooth grass.: rock, no trees	
163	N.S.	N.S.	Undiff. smooth grass.: rock, trees	
170	0.7	N.S.	Undiff. bracken: no rock, no trees	
171	1.6	0.1	Undiff. bracken: no rock, trees	
172	0.5	N.S.	Undiff. bracken: rock, no trees	
180	160.5	6.8	Blanket bog/peat. veg.: erosion, no trees	
181	0.1	N.S.	Blanket bog/peat. veg.: erosion, trees	
182	143.1	6.0	Blanket bog/peat. veg.: no erosion, no trees	
183	6.5	0.3	Blanket bog/peat. veg.: no erosion, trees	
184	N.S.	N.S.	Blanket bog/peat. veg.: dubh lochans	
186	0.1	N.S.	Blanket bog/peat. veg.: other peat workings	
200	2.0	0.1	Wetlands: no drains, no trees	
201	4.8	0.2	Wetlands: drains, no trees	
202	1.0	N.S.	Wetlands: no drains, trees	
203	0.8	N.S.	Wetlands: drains, trees	
222	102.4	4.3	Undiff. montane veg.: rock	
223	78.9	3.3	Undiff. montane veg.: no rock	
code	area	%	primary feature	secondary feature
301	0.6	N.S.	Undiff. smooth grass.: rock, no trees	Dry heather moor: rock, no burning, no trees
353	2.9	0.1	Imp. pasture: no rock, no farms, no trees	Smooth grass/rushes: no rock, no trees
355	0.3	N.S.	Blanket bog/peat. veg.: no erosion, no trees	Smooth grass/rushes: no rock, no trees
356	0.4	N.S.	Undiff. smooth grass.: no rock, no trees	Smooth grass/rushes: no rock, no trees
358	0.5	N.S.	Blanket bog/peat. veg.: no erosion, no trees	Wet heather moor: no rock, no burning, no trees
360	6.3	0.3	Undiff. heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
361	1.2	0.1	Wet heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
374	145.7	6.2	Undiff. heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
382	58.0	2.5	Blanket bog/peat. veg.: no erosion, no trees	Undiff. heather moor: no rock, no burning, no trees
384	3.0	0.1	Blanket bog/peat. veg.: no erosion, no trees	Undiff. heather moor: rock, no burning, no trees
385	1.0	N.S.	Undiff. heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
389	1.1	N.S.	Dry heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
390	0.1	N.S.	Imp. pasture: no rock, no farms, no trees	Undiff. smooth grass.: no rock, no trees
393	0.7	N.S.	Recently felled forestry	Coniferous plantation (area)
399	0.4	N.S.	Smooth grass/rushes: no rock, no trees	Imp. pasture: no rock, no farms, no trees
400	0.2	N.S.	Undiff. smooth grass.: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
401	0.1	N.S.	Undiff. smooth grass.: rock, no trees	Undiff. bracken: rock, no trees

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Table 7.1.3 Total audit of land cover features in Badenoch & Strathspey District in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
402	0.2	N.S	Smooth grass/rushes: no rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
404	0.3	N.S	Smooth grass/low scrub: no rock, trees	Undiff. heather moor: no rock, no burning, trees
406	0.4	N.S	Smooth grass/rushes: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
412	0.1	N.S	Undiff. heather moor: no rock, no burning, trees	Smooth grass/low scrub: no rock, trees
413	0.7	N.S	Smooth grass/rushes: no rock, trees	Smooth grass/low scrub: no rock, trees
414	6.0	0.3	Undiff. Nardus/Molinia: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
415	1.5	0.1	Undiff. smooth grass.: no rock, no trees	Undiff. bracken: no rock, no trees
416	0.4	N.S	Undiff. Nardus/Molinia: no rock, no trees	Smooth grass/rushes: no rock, no trees
417	1.2	0.1	Undiff. heather moor: no rock, no burning, no trees	Smooth grass/low scrub: no rock, no trees
420	1.9	0.1	Dry heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
421	2.3	0.1	Undiff. smooth grass.: no rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
425	0.1	N.S	Undiff. smooth grass.: no rock, trees	Undiff. bracken: no rock, no trees
426	1.7	0.1	Smooth grass/rushes: no rock, no trees	Undiff. smooth grass.: no rock, no trees
429	0.6	N.S	Undiff. Nardus/Molinia: rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
432	0.2	N.S	Undiff. smooth grass.: no rock, trees	Dry heather moor: no rock, no burning, trees
434	0.2	N.S	Undiff. smooth grass.: no rock, trees	Undiff. bracken: no rock, trees
436	3.4	0.1	Undiff. Nardus/Molinia: no rock, no trees	Blanket bog/peat. veg.: erosion, no trees
437	2.3	0.1	Undiff. heather moor: no rock, no burning, no trees	Smooth grass/rushes: no rock, no trees
438	18.2	0.8	Undiff. heather moor: no rock, burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
442	22.4	0.9	Undiff. heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
443	1.3	0.1	Undiff. heather moor: no rock, burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
444	0.6	N.S	Undiff. Nardus/Molinia: no rock, no trees	Undiff. smooth grass.: no rock, no trees
448	0.3	N.S	Undiff. heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: rock, no trees
449	2.1	0.1	Blanket bog/peat. veg.: no erosion, no trees	Undiff. Nardus/Molinia: no rock, no trees
454	0.9	N.S	Open canopy (young plantation)	Coniferous plantation (area)
466	0.3	N.S	Dry heather moor: no rock, burning, no trees	Undiff. smooth grass.: no rock, no trees
469	0.3	N.S	Dry heather moor: rock, burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
473	N.S	N.S	Dry heather moor: no rock, no burning, no trees	Smooth grass/low scrub: no rock, no trees
474	0.6	N.S	Blanket bog/peat. veg.: erosion, no trees	Undiff. Nardus/Molinia: no rock, no trees
476	2.3	0.1	Dry heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
477	56.3	2.4	Undiff. heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: erosion, no trees
482	0.2	N.S	Dry heather moor: rock, no burning, no trees	Smooth grass/low scrub: rock, no trees
486	1.9	0.1	Dry heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
487	0.1	N.S	Undiff. heather moor: no rock, no burning, trees	Smooth grass/rushes: no rock, trees
488	0.4	N.S	Dry heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: erosion, no trees
493	0.2	N.S	Undiff. smooth grass.: no rock, no trees	Smooth grass/low scrub: no rock, no trees
494	1.5	0.1	Undiff. Nardus/Molinia: rock, no trees	Undiff. heather moor: rock, no burning, no trees
500	4.6	0.2	Undiff. heather moor: no rock, no burning, trees	Blanket bog/peat. veg.: no erosion, trees
513	0.3	N.S	Dry heather moor: no rock, no burning, trees	Undiff. bracken: no rock, trees
524	1.6	0.1	Smooth grass/rushes: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
525	10.9	0.5	Blanket bog/peat. veg.: no erosion, no trees	Undiff. heather moor: no rock, burning, no trees
528	0.1	N.S	Undiff. smooth grass.: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
533	0.1	N.S	Smooth grass/low scrub: no rock, trees	Undiff. bracken: no rock, trees
535	0.3	N.S	Dry heather moor: no rock, no burning, trees	Undiff. low scrub
547	N.S	N.S	Undiff. low scrub	Undiff. mixed woodland (area)
552	0.5	N.S	Dry heather moor: no rock, burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
564	9.9	0.4	Undiff. Nardus/Molinia: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
568	0.1	N.S	Dry heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: rock, no trees
580	2.9	0.1	Undiff. heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: erosion, no trees
593	0.2	N.S	Undiff. bracken: no rock, no trees	Undiff. smooth grass.: no rock, no trees

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Table 7.1.3 Total audit of land cover features in Badenoch & Strathspey District in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
599	0.2	N.S	Blanket bog/peat. veg.: erosion, no trees	Undiff. montane veg.: rock
602	8.4	0.4	Blanket bog/peat. veg.: erosion, no trees	Undiff. montane veg.: no rock
603	25.0	1.1	Undiff. montane veg.: no rock	Blanket bog/peat. veg.: erosion, no trees
607	4.7	0.2	Undiff. montane veg.: rock	Blanket bog/peat. veg.: erosion, no trees
608	0.7	N.S	Undiff. montane veg.: rock	Blanket bog/peat. veg.: no erosion, no trees
620	15.6	0.7	Undiff. montane veg.: no rock	Blanket bog/peat. veg.: no erosion, no trees
625	2.3	0.1	Blanket bog/peat. veg.: no erosion, no trees	Undiff. montane veg.: rock
627	5.9	0.3	Blanket bog/peat. veg.: no erosion, no trees	Undiff. montane veg.: no rock
628	0.1	N.S	Undiff. bracken: no rock, trees	Smooth grass/low scrub: no rock, trees
631	1.6	0.1	Undiff. smooth grass.: no rock, no trees	Dry heather moor: no rock, no burning, no trees
634	0.7	N.S	Blanket bog/peat. veg.: erosion, no trees	Undiff. heather moor: rock, no burning, no trees
640	4.1	0.2	Undiff. heather moor: no rock, no burning, no trees	Undiff. montane veg.: no rock
643	0.1	N.S	Dry heather moor: no rock, no burning, trees	Blanket bog/peat. veg.: no erosion, trees
644	0.7	N.S	Blanket bog/peat. veg.: no erosion, trees	Undiff. heather moor: no rock, no burning, trees
645	0.2	N.S	Undiff. bracken: no rock, no trees	Smooth grass/low scrub: no rock, no trees
659	0.5	N.S	Undiff. bracken: no rock, no trees	Dry heather moor: no rock, no burning, no trees
679	0.2	N.S	Golf course	Undiff. broadleaved (point)
683	0.1	N.S	Smooth grass/low scrub: rock, trees	Undiff. bracken: rock, trees
697	0.3	N.S	Smooth grass/rushes: no rock, no trees	Wetlands: no drains, no trees
734	0.7	N.S	Open canopy (young plantation)	Undiff. heather moor: no rock, no burning, trees
735	11.0	0.5	Coniferous plantation (area)	Coniferous semi-natural (area)
736	40.4	1.7	Blanket bog/peat. veg.: erosion, no trees	Undiff. heather moor: no rock, no burning, no trees
741	2.6	0.1	Undiff. heather moor: no rock, no burning, trees	Undiff. Nardus/Molinia: no rock, trees
746	N.S	N.S	Dry heather moor: rock, no burning, trees	Undiff. bracken: rock, trees
751	0.2	N.S	Undiff. broadleaved (area)	Undiff. smooth grass.: no rock, no trees
779	0.1	N.S	Dry heather moor: rock, no burning, no trees	Rock and cliffs (area)
798	0.1	N.S	Smooth grass/low scrub: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
812	0.1	N.S	Dry heather moor: rock, no burning, no trees	Undiff. low scrub
813	0.2	N.S	Dry heather moor: no rock, no burning, trees	Wet heather moor: no rock, no burning, no trees
814	0.1	N.S	Dry heather moor: no rock, no burning, no trees	Recently felled forestry
819	1.2	0.1	Smooth grass/rushes: no rock, no trees	Wetlands: drains, no trees
860	0.3	N.S	Undiff. heather moor: no rock, burning, no trees	Blanket bog/peat. veg.: erosion, no trees
873	2.0	0.1	Undiff. montane veg.: rock	Undiff. heather moor: rock, no burning, no trees
890	7.1	0.3	Undiff. montane veg.: no rock	Undiff. heather moor: no rock, no burning, no trees
891	0.4	N.S	Undiff. montane veg.: rock	Undiff. heather moor: no rock, no burning, no trees
892	2.3	0.1	Dry heather moor: no rock, no burning, no trees	Undiff. montane veg.: no rock
893	1.3	0.1	Undiff. montane veg.: no rock	Dry heather moor: no rock, no burning, no trees
895	0.3	N.S	Open canopy (young plantation)	Coniferous semi-natural (point)
896	2.1	0.1	Undiff. montane veg.: rock	Dry heather moor: rock, no burning, no trees
898	0.2	N.S	Golf course	Smooth grass/low scrub: no rock, trees
899	0.3	N.S	Coniferous semi-natural (area)	Coniferous plantation (area)
900	1.0	N.S	Coniferous semi-natural (area)	Undiff. heather moor: no rock, no burning, trees
901	0.1	N.S	Coniferous plantation (area)	Wetlands: no drains, trees
902	0.2	N.S	Undiff. mixed woodland (area)	Built-up (area)
903	0.3	N.S	Wetlands: drains, no trees	Smooth grass/rushes: no rock, no trees
904	2.3	0.1	Dry heather moor: rock, no burning, no trees	Undiff. montane veg.: rock
905	0.2	N.S	Undiff. heather moor: no rock, no burning, no trees	Undiff. montane veg.: rock
906	0.3	N.S	Coniferous semi-natural (area)	Rock and cliffs (area)
907	0.2	N.S	Wet heather moor: no rock, no burning, trees	Blanket bog/peat. veg.: no erosion, trees
910	0.2	N.S	Undiff. montane veg.: no rock	Undiff. Nardus/Molinia: no rock, no trees

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Table 7.1.3 Total audit of land cover features in Badenoch & Strathspey District in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
912	3.4	0.1	Undiff. heather moor: rock, no burning, no trees	Undiff. montane veg.: rock
913	0.2	N.S	Coniferous semi-natural (area)	Blanket bog/peat. veg.: no erosion, no trees
917	0.1	N.S	Undiff. Nardus/Molinia: no rock, no trees	Undiff. montane veg.: no rock
921	0.1	N.S	Undiff. montane veg.: rock	Dry heather moor: no rock, no burning, no trees
924	1.8	0.1	Undiff. heather moor: rock, burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
925	0.4	N.S	Undiff. Nardus/Molinia: no rock, trees	Undiff. heather moor: no rock, no burning, trees
927	0.3	N.S	Undiff. mixed woodland (area)	Undiff. Nardus/Molinia: no rock, trees
928	0.6	N.S	Coniferous semi-natural (area)	Undiff. broadleaved (area)
938	0.3	N.S	Blanket bog/peat. veg.: erosion, no trees	Smooth grass/rushes: no rock, no trees
950	0.1	N.S	Dry heather moor: no rock, no burning, trees	Undiff. Nardus/Molinia: no rock, trees
994	0.2	N.S	Dry heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: erosion, no trees
1073	0.1	N.S	Undiff. heather moor: no rock, no burning, trees	Blanket bog/peat. veg.: no erosion, no trees
1130	0.1	N.S	Blanket bog/peat. veg.: no erosion, trees	Smooth grass/low scrub: no rock, no trees
1161	0.2	N.S	Undiff. low scrub	Dry heather moor: rock, no burning, trees
1162	0.1	N.S	Smooth grass/low scrub: no rock, trees	Undiff. Nardus/Molinia: no rock, trees
1163	0.2	N.S	Smooth grass/low scrub: rock, no trees	Dry heather moor: rock, no burning, trees
1174	0.4	N.S	Undiff. Nardus/Molinia: no rock, no trees	Undiff. heather moor: no rock, burning, no trees
1175	0.1	N.S	Undiff. Nardus/Molinia: no rock, trees	Blanket bog/peat. veg.: erosion, no trees
1307	1.2	0.1	Undiff. Nardus/Molinia: no rock, trees	Undiff. smooth grass.: no rock, trees
1405	N.S	N.S	Undiff. Nardus/Molinia: no rock, trees	Recently felled forestry
1478	0.4	N.S	Coniferous plantation (area)	Undiff. smooth grass.: rock, trees
1479	1.2	0.1	Snow cover	Undiff. montane veg.: rock
1496	0.2	N.S	Snow cover	Undiff. montane veg.: no rock
TOTAL	2367.7	100.0		

Cover types		single feature		features in mosaics	
		area	%	primary	secondary
Open countryside					
A	Arable	11.9	0.7	0	0
B	Improved grassland	439.6	24.4	22.4	1.2
C	Good rough grassland	96.1	5.3	7.8	52.2
D	Poor rough grassland	1.8	0.1	0	0
E	Bracken	0	0	0	0.3
F	Heather moorland	84.0	4.7	174.7	44.5
G	Peatland	707.5	39.2	40.9	146.4
H	Montane	2.1	0.1	0	0
I	Rock and cliffs	2.9	0.2	0	0
Woodland					
J	Felled woodland	0	0	0	0
K	Recent planting	116.0	6.4	0	0
L	Coniferous plantation	28.6	1.6	0	0
M	Semi-natural coniferous	0	0	0	0
N	Mixed woodland	0.9	0.1	0	0
O	Broadleaved	2.7	0.1	0	0
P	Scrub	0	0	0	0.6
Wet ground					
Q	Fresh waters	26.5	1.5	0	0
R	Marshes	7.2	0.4	0	0.2
S	Saltmarshes	0	0	0	0.4
T	Dunes	11.2	0.6	0	0
U	Tidal waters	0	0	0	0
Developed					
V	Rural development	10.4	0.6	0	0
W	Urban	7.4	0.4	0	0
Other					
X	Missing photography/obscured land	0	0	0	0
SUBTOTAL		1556.7	86.4		
Y	Mosaics of types above	245.8	13.6	245.8	245.8
DISTRICT TOTAL		1802.5	100.0		

Nationally significant mosaics			area	%
FG	Heather moorland	Peatland	184.7	10.2
DF	Poor rough grassland	Heather moorland	0	0
CF	Good rough grassland	Heather moorland	33.0	1.8
GH	Peatland	Montane	0	0
CD	Good rough grassland	Poor rough grassland	0	0
BC	Improved grassland	Good rough grassland	22.4	1.2
CE	Good rough grassland	Bracken	0	0
DG	Poor rough grassland	Peatland	0	0
FH	Heather moorland	Montane	0	0
SUBTOTAL			240.1	13.3
Locally significant mosaics			area	%
CG	Good rough grassland	Peatland	2.6	0.1
BF	Improved grassland	Heather moorland	1.2	0.1
CP	Good rough grassland	Scrub	0.6	N.S
CS	Good rough grassland	Saltmarshes	0.4	N.S
EF	Bracken	Heather moorland	0.3	N.S
SUBTOTAL			5.1	0.3
Remaining mosaics			0.6	N.S
MOSAICS OF SUMMARY COVER TYPES			245.8	13.6

Table 7.2.1

Caithness District

Land cover summary categories

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not match the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05. Please refer to Figure 6.2 for guidance in the interpretation of this table.

Table 7.2.2 Total audit of land cover features in Caithness District in which all mosaics are allocated according to primary or secondary feature.

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S. = not significant = < 0.05 sq km. Please refer to Figure 6.3 for guidance in the interpretation of this table.

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
3	0.8	0	0	Factory
4	5.8	0	0	Airfield
5	1.4	0	0	Golf course
10	2.9	0	0	Rock and cliffs (area)
12	2.4	0	0	Quarries and opencast (area)
14	N.S	0	0	Bings and refuse tips (area)
18	26.5	0	0	Water (area)
20	7.4	0	0	Built-up (area)
70	28.6	0	0	Coniferous plantation (area)
76	2.7	0	0	Undiff. broadleaved (area)
79	0.9	0	0	Undiff. mixed woodland (area)
82	0	0	0.6	Undiff. low scrub
83	64.5	0	0	Recent ploughing for forestry
85	51.5	0	0	Open canopy (young plantation)
90	429.0	22.4	1.2	Imp. pasture: no rock, no farms, no trees
92	10.6	0	0	Imp. pasture: no rock, farms, no trees
100	11.4	0	0	Arable: no rock, no farms, no trees
102	0.5	0	0	Arable: no rock, farms, no trees
112	0.2	0	0	Dry heather moor: no rock, burning, no trees
120	22.2	58.0	37.1	Wet heather moor: no rock, no burning, no trees
121	N.S	0	0	Wet heather moor: no rock, no burning, trees
122	N.S	0	0	Wet heather moor: no rock, burning, no trees
124	0.4	0	0	Wet heather moor: rock, no burning, no trees
130	21.6	97.1	4.7	Undiff. heather moor: no rock, no burning, no trees
132	35.9	18.8	2.6	Undiff. heather moor: no rock, burning, no trees
134	2.9	0.8	0.1	Undiff. heather moor: rock, no burning, no trees
136	0.7	0	0	Undiff. heather moor: rock, burning, no trees
140	1.8	0	0	Undiff. Nardus/Molinia: no rock, no trees
150	74.6	6.3	46.2	Smooth grass/rushes: no rock, no trees
151	N.S	0	0	Smooth grass/rushes: no rock, trees
155	2.5	0.2	0.5	Smooth grass/low scrub: no rock, no trees
157	0	0.3	0	Smooth grass/low scrub: rock, no trees
160	14.1	0.5	5.5	Undiff. smooth grass.: no rock, no trees
161	3.0	0	0	Undiff. smooth grass.: no rock, trees
162	0.3	0	0	Undiff. smooth grass.: rock, no trees
170	0	0	0.2	Undiff. bracken: no rock, no trees
172	0	0	0.1	Undiff. bracken: rock, no trees
180	1.2	0	0	Blanket bog/peat. veg.: erosion, no trees
182	574.4	15.9	143.9	Blanket bog/peat. veg.: no erosion, no trees
184	36.9	0	0	Blanket bog/peat. veg.: dubh lochans
185	2.5	0	0	Blanket bog/peat. veg.: industrial peat workings
186	92.4	25.1	2.5	Blanket bog/peat. veg.: other peat workings
190	0	0	0.4	Undiff. salt marsh: no trees
191	1.6	0.5	0	Maritime grassland: no trees

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Table 7.2.2 Total audit of land cover features in Caithness District in which all mosaics are allocated according to primary or secondary feature (continued).

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
200	4.8	0	0.2	Wetlands: no drains, no trees
201	2.4	0	0	Wetlands: drains, no trees
211	1.6	0	0	Partially stabilized dunes
212	9.6	0	0	Links area: grass
222	1.5	0	0	Undiff. montane veg.: rock
223	0.6	0	0	Undiff. montane veg.: no rock
TOTAL	1556.7	245.8	245.8	

Table 7.2.3 Total audit of land cover features in Caithness District in which all mosaics are separately identified.

All areas are expressed in square kilometres to 1 decimal place; all percentages are expressed as % of the total area; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05

code	area	%	description
3	0.8	N.S	Factory
4	5.8	0.3	Airfield
5	1.4	0.1	Golf course
10	2.9	0.2	Rock and cliffs (area)
12	2.4	0.1	Quarries and opencast (area)
14	N.S	N.S	Bings and refuse tips (area)
18	26.5	1.5	Water (area)
20	7.4	0.4	Built-up (area)
70	28.6	1.6	Coniferous plantation (area)
76	2.7	0.1	Undiff. broadleaved (area)
79	0.9	0.1	Undiff. mixed woodland (area)
83	64.5	3.6	Recent ploughing for forestry
85	51.5	2.9	Open canopy (young plantation)
90	429.0	23.8	Imp. pasture: no rock, no farms, no trees
92	10.6	0.6	Imp. pasture: no rock, farms, no trees
100	11.4	0.6	Arable: no rock, no farms, no trees
102	0.5	N.S	Arable: no rock, farms, no trees
112	0.2	N.S	Dry heather moor: no rock, burning, no trees
120	22.2	1.2	Wet heather moor: no rock, no burning, no trees
121	N.S	N.S	Wet heather moor: no rock, no burning, trees
122	N.S	N.S	Wet heather moor: no rock, burning, no trees
124	0.4	N.S	Wet heather moor: rock, no burning, no trees
130	21.6	1.2	Undiff. heather moor: no rock, no burning, no trees
132	35.9	2.0	Undiff. heather moor: no rock, burning, no trees
134	2.9	0.2	Undiff. heather moor: rock, no burning, no trees
136	0.7	N.S	Undiff. heather moor: rock, burning, no trees
140	1.8	0.1	Undiff. Nardus/Molinia: no rock, no trees
150	74.6	4.1	Smooth grass/rushes: no rock, no trees
151	N.S	N.S	Smooth grass/rushes: no rock, trees
155	2.5	0.1	Smooth grass/low scrub: no rock, no trees
160	14.1	0.8	Undiff. smooth grass.: no rock, no trees

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Table 7.2.3 Total audit of land cover features in Caithness District in which all mosaics are separately identified (continued).

code	area	%	description	
161	3.0	0.2	Undiff. smooth grass.: no rock, trees	
162	0.3	N.S	Undiff. smooth grass.: rock, no trees	
180	1.2	0.1	Blanket bog/peat. veg.: erosion, no trees	
182	574.4	31.9	Blanket bog/peat. veg.: no erosion, no trees	
184	36.9	2.0	Blanket bog/peat. veg.: dubh lochans	
185	2.5	0.1	Blanket bog/peat. veg.: industrial peat workings	
186	92.4	5.1	Blanket bog/peat. veg.: other peat workings	
191	1.6	0.1	Maritime grassland: no trees	
200	4.8	0.3	Wetlands: no drains, no trees	
201	2.4	0.1	Wetlands: drains, no trees	
211	1.6	0.1	Partially stabilized dunes	
212	9.6	0.5	Links area: grass	
222	1.5	0.1	Undiff. montane veg.: rock	
223	0.6	N.S	Undiff. montane veg.: no rock	
code	area	%	primary feature	secondary feature
350	0.4	N.S	Smooth grass/rushes: no rock, no trees	Undiff. salt marsh: no trees
351	4.0	0.2	Smooth grass/rushes: no rock, no trees	Wet heather moor: no rock, no burning, no trees
352	25.8	1.4	Wet heather moor: no rock, no burning, no trees	Smooth grass/rushes: no rock, no trees
353	18.1	1.0	Imp. pasture: no rock, no farms, no trees	Smooth grass/rushes: no rock, no trees
355	1.3	0.1	Blanket bog/peat. veg.: no erosion, no trees	Smooth grass/rushes: no rock, no trees
358	10.6	0.6	Blanket bog/peat. veg.: no erosion, no trees	Wet heather moor: no rock, no burning, no trees
359	1.2	0.1	Undiff. heather moor: no rock, no burning, no trees	Imp. pasture: no rock, no farms, no trees
360	0.7	N.S	Undiff. heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
361	31.7	1.8	Wet heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
362	0.2	N.S	Undiff. heather moor: no rock, no burning, no trees	Undiff. bracken: no rock, no trees
364	0.4	N.S	Wet heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
366	0.1	N.S	Undiff. heather moor: rock, no burning, no trees	Undiff. bracken: rock, no trees
368	0.1	N.S	Wet heather moor: no rock, no burning, no trees	Smooth grass/low scrub: no rock, no trees
369	0.4	N.S	Undiff. smooth grass.: no rock, no trees	Wet heather moor: no rock, no burning, no trees
370	2.5	0.1	Undiff. heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: other peat workings
371	0.5	N.S	Maritime grassland: no trees	Wet heather moor: no rock, no burning, no trees
372	21.6	1.2	Blanket bog/peat. veg.: other peat workings	Wet heather moor: no rock, no burning, no trees
373	0.4	N.S	Blanket bog/peat. veg.: other peat workings	Smooth grass/rushes: no rock, no trees
374	91.8	5.1	Undiff. heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
379	0.2	N.S	Smooth grass/low scrub: no rock, no trees	Wetlands: no drains, no trees
380	2.5	0.1	Blanket bog/peat. veg.: other peat workings	Undiff. heather moor: no rock, no burning, no trees
382	1.8	0.1	Blanket bog/peat. veg.: no erosion, no trees	Undiff. heather moor: no rock, no burning, no trees
383	0.3	N.S	Smooth grass/low scrub: rock, no trees	Undiff. heather moor: no rock, no burning, no trees
384	0.1	N.S	Blanket bog/peat. veg.: no erosion, no trees	Undiff. heather moor: rock, no burning, no trees
385	0.8	N.S	Undiff. heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
386	0.6	N.S	Smooth grass/rushes: no rock, no trees	Undiff. low scrub
390	4.3	0.2	Imp. pasture: no rock, no farms, no trees	Undiff. smooth grass.: no rock, no trees
395	0.4	N.S	Smooth grass/rushes: no rock, no trees	Smooth grass/low scrub: no rock, no trees
400	0.1	N.S	Undiff. smooth grass.: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
437	0.5	N.S	Undiff. heather moor: no rock, no burning, no trees	Smooth grass/rushes: no rock, no trees
438	18.8	1.0	Undiff. heather moor: no rock, burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
524	0.9	0.1	Smooth grass/rushes: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
525	2.1	0.1	Blanket bog/peat. veg.: no erosion, no trees	Undiff. heather moor: no rock, burning, no trees
687	0.6	N.S	Blanket bog/peat. veg.: other peat workings	Undiff. heather moor: no rock, burning, no trees
TOTAL	1802.5	100.0		

Cover types		single feature		features in mosaics	
		area	%	primary	secondary
Open countryside					
A	Arable	112.5	3.9	0	0
B	Improved grassland	121.1	4.2	5.8	0.8
C	Good rough grassland	55.8	1.9	21.7	28.8
D	Poor rough grassland	8.3	0.3	26.0	75.6
E	Bracken	20.2	0.7	10.5	18.9
F	Heather moorland	618.9	21.2	408.0	213.1
G	Peatland	419.3	14.4	176.8	382.7
H	Montane	93.5	3.2	91.4	11.8
I	Rock and cliffs	2.1	0.1	N.S	0.9
Woodland					
J	Felled woodland	10.1	0.3	0	0.1
K	Recent planting	103.3	3.5	3.3	0.7
L	Coniferous plantation	311.4	10.7	1.7	1.2
M	Semi-natural coniferous	3.7	0.1	0	0.9
N	Mixed woodland	43.7	1.5	1.4	1.5
O	Broadleaved	82.8	2.8	1.7	0.3
P	Scrub	6.4	0.2	3.2	3.0
Wet ground					
Q	Fresh waters	112.3	3.9	0	0.1
R	Marshes	1.1	N.S	0.8	1.5
S	Saltmarshes	0.8	N.S	0	0
T	Dunes	0.1	N.S	0.5	0
U	Tidal waters	1.1	N.S	0	0
Developed					
V	Rural development	5.8	0.2	0	0
W	Urban	20.1	0.7	0.1	0
Other					
X	Missing photography/obscured land	8.6	0.3	0	10.9
SUBTOTAL		2163.0	74.2		
Y	Mosaics of types above	752.9	25.8	752.9	752.9
DISTRICT TOTAL		2915.9	100.0		

Nationally significant mosaics			area	%
FG	Heather moorland	Peatland	465.9	16.0
DF	Poor rough grassland	Heather moorland	98.2	3.4
CF	Good rough grassland	Heather moorland	25.1	0.9
GH	Peatland	Montane	82.6	2.8
CD	Good rough grassland	Poor rough grassland	1.7	0.1
BC	Improved grassland	Good rough grassland	4.9	0.2
CE	Good rough grassland	Bracken	9.1	0.3
DG	Poor rough grassland	Peatland	1.6	0.1
FH	Heather moorland	Montane	9.9	0.3
SUBTOTAL			699.2	24.0
Locally significant mosaics			area	%
EF	Bracken	Heather moorland	17.1	0.6
HX	Montane	Missing photography/obscured land	10.7	0.4
CG	Good rough grassland	Peatland	4.0	0.1
KN	Recent planting	Mixed woodland	2.1	0.1
GP	Peatland	Scrub	2.0	0.1
SUBTOTAL			35.8	1.2
Remaining mosaics			18.0	0.6
MOSAICS OF SUMMARY COVER TYPES			752.9	25.8

Table 7.3.1

Inverness District

Land cover summary categories

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not match the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05. Please refer to Figure 6.2 for guidance in the interpretation of this table.

Table 7.3.2 Total audit of land cover features in Inverness District in which all mosaics are allocated according to primary or secondary feature.

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S. = not significant = < 0.05 sq km. Please refer to Figure 6.3 for guidance in the interpretation of this table.

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
3	1.5	0	0	Factory
4	1.8	0	0	Airfield
5	0.8	0	0	Golf course
6	N.S	0	0	Cemeteries
7	0.4	0	0	Recreational land
10	2.1	N.S	0.9	Rock and cliffs (area)
12	1.2	0	0	Quarries and opencast (area)
18	112.3	0	0.1	Water (area)
20	20.1	0.1	0	Built-up (area)
24	1.1	0	0	Estuary
26	3.7	0	0	Cloud cover
27	4.9	0	10.9	Snow cover
29	N.S	0	0	Built-up (line or point)
70	311.4	1.7	1.2	Coniferous plantation (area)
73	3.7	0	0.9	Coniferous semi-natural (area)
76	82.8	1.7	0.3	Undiff. broadleaved (area)
79	43.7	1.4	1.5	Undiff. mixed woodland (area)
82	6.4	3.2	3.0	Undiff. low scrub
83	51.2	0.8	0.1	Recent ploughing for forestry
84	10.1	0	0.1	Recently felled forestry
85	51.5	2.5	0.6	Open canopy (young plantation)
87	0.6	0	0	Recent 'ripping' for forestry
90	117.6	5.5	0.8	Imp. pasture: no rock, no farms, no trees
91	2.3	0	0	Imp. pasture: no rock, no farms, trees
92	0.5	0	0	Imp. pasture: no rock, farms, no trees
93	0.1	0	0	Imp. pasture: no rock, farms, trees
94	0.6	0.3	0	Imp. pasture: rock, no farms, no trees
100	112.3	0	0	Arable: no rock, no farms, no trees
101	0.2	0	0	Arable: no rock, no farms, trees
105	N.S	0	0	Arable: rock, no farms, trees
110	49.5	11.4	0.5	Dry heather moor: no rock, no burning, no trees
111	8.3	3.1	0.4	Dry heather moor: no rock, no burning, trees
112	33.1	0.1	0	Dry heather moor: no rock, burning, no trees
113	0.9	0.6	0.9	Dry heather moor: no rock, burning, trees
114	44.3	9.4	2.0	Dry heather moor: rock, no burning, no trees
115	3.9	0.9	0.7	Dry heather moor: rock, no burning, trees
116	4.0	0.4	0	Dry heather moor: rock, burning, no trees
117	0.2	0	0	Dry heather moor: rock, burning, trees
120	7.3	6.9	6.8	Wet heather moor: no rock, no burning, no trees
121	N.S	0	0.1	Wet heather moor: no rock, no burning, trees
122	0.6	0	0	Wet heather moor: no rock, burning, no trees
124	0	0.4	0.6	Wet heather moor: rock, no burning, no trees
130	234.0	216.4	150.3	Undiff. heather moor: no rock, no burning, no trees
131	13.0	6.9	2.1	Undiff. heather moor: no rock, no burning, trees

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Table 7.3.2 Total audit of land cover features in Inverness District in which all mosaics are allocated according to primary or secondary feature (continued).

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05 sq km. Please refer to Figure 6.3 for guidance in the interpretation of this table.

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
132	30.2	3.3	0.6	Undiff. heather moor: no rock, burning, no trees
133	0.9	0	0	Undiff. heather moor: no rock, burning, trees
134	175.4	142.2	46.9	Undiff. heather moor: rock, no burning, no trees
135	3.7	5.1	0.6	Undiff. heather moor: rock, no burning, trees
136	9.5	0.8	0.6	Undiff. heather moor: rock, burning, no trees
137	0.2	0	0	Undiff. heather moor: rock, burning, trees
140	5.9	9.4	38.8	Undiff. Nardus/Molinia: no rock, no trees
141	0.2	0.1	0.8	Undiff. Nardus/Molinia: no rock, trees
142	2.2	16.5	35.7	Undiff. Nardus/Molinia: rock, no trees
143	0	0	0.4	Undiff. Nardus/Molinia: rock, trees
150	21.2	7.1	12.7	Smooth grass/rushes: no rock, no trees
151	2.0	0.4	0.5	Smooth grass/rushes: no rock, trees
152	0.3	0.4	0.6	Smooth grass/rushes: rock, no trees
155	10.8	1.7	0.3	Smooth grass/low scrub: no rock, no trees
156	6.6	1.5	3.5	Smooth grass/low scrub: no rock, trees
157	0.4	0	N.S	Smooth grass/low scrub: rock, no trees
158	0.1	0.1	1.0	Smooth grass/low scrub: rock, trees
160	7.6	7.2	6.3	Undiff. smooth grass.: no rock, no trees
161	5.7	0.7	2.1	Undiff. smooth grass.: no rock, trees
162	0.5	2.7	1.8	Undiff. smooth grass.: rock, no trees
163	0.6	0	N.S	Undiff. smooth grass.: rock, trees
170	7.7	2.3	9.7	Undiff. bracken: no rock, no trees
171	8.1	3.4	4.6	Undiff. bracken: no rock, trees
172	2.7	2.3	2.3	Undiff. bracken: rock, no trees
173	1.8	2.5	2.2	Undiff. bracken: rock, trees
180	318.9	106.9	212.0	Blanket bog/peat. veg.: erosion, no trees
181	N.S	0	0	Blanket bog/peat. veg.: erosion, trees
182	97.5	67.5	163.5	Blanket bog/peat. veg.: no erosion, no trees
183	1.1	0.8	7.3	Blanket bog/peat. veg.: no erosion, trees
184	0.5	1.6	0	Blanket bog/peat. veg.: dubh lochans
185	N.S	0	0	Blanket bog/peat. veg.: industrial peat workings
186	1.2	0	0	Blanket bog/peat. veg.: other peat workings
190	0.8	0	0	Undiff. salt marsh: no trees
200	0.6	0.7	1.1	Wetlands: no drains, no trees
201	0.1	0	0	Wetlands: drains, no trees
202	0.3	0.1	0.4	Wetlands: no drains, trees
203	0.1	0	0	Wetlands: drains, trees
212	0.1	0.3	0	Links area: grass
213	0	0.2	0	Links area: heath
222	67.7	49.8	3.9	Undiff. montane veg.: rock
223	25.8	41.7	8.0	Undiff. montane veg.: no rock
TOTAL	2163.0	752.9	752.9	

Table 7.3.3 Total audit of land cover features in Inverness District in which all mosaics are separately identified.

All areas are expressed in square kilometres to 1 decimal place; all percentages are expressed as % of the total area; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05

code	area	%	description
3	1.5	0.1	Factory
4	1.8	0.1	Airfield
5	0.8	N.S	Golf course
6	N.S	N.S	Cemeteries
7	0.4	N.S	Recreational land
10	2.1	0.1	Rock and cliffs (area)
12	1.2	N.S	Quarries and opencast (area)
18	112.3	3.9	Water (area)
20	20.1	0.7	Built-up (area)
24	1.1	N.S	Estuary
26	3.7	0.1	Cloud cover
27	4.9	0.2	Snow cover
29	N.S	N.S	Built-up (line or point)
70	311.4	10.7	Coniferous plantation (area)
73	3.7	0.1	Coniferous semi-natural (area)
76	82.8	2.8	Undiff. broadleaved (area)
79	43.7	1.5	Undiff. mixed woodland (area)
82	6.4	0.2	Undiff. low scrub
83	51.2	1.8	Recent ploughing for forestry
84	10.1	0.3	Recently felled forestry
85	51.5	1.8	Open canopy (young plantation)
87	0.6	N.S	Recent 'ripping' for forestry
90	117.6	4.0	Imp. pasture: no rock, no farms, no trees
91	2.3	0.1	Imp. pasture: no rock, no farms, trees
92	0.5	N.S	Imp. pasture: no rock, farms, no trees
93	0.1	N.S	Imp. pasture: no rock, farms, trees
94	0.6	N.S	Imp. pasture: rock, no farms, no trees
100	112.3	3.8	Arable: no rock, no farms, no trees
101	0.2	N.S	Arable: no rock, no farms, trees
105	N.S	N.S	Arable: rock, no farms, trees
110	49.5	1.7	Dry heather moor: no rock, no burning, no trees
111	8.3	0.3	Dry heather moor: no rock, no burning, trees
112	33.1	1.1	Dry heather moor: no rock, burning, no trees
113	0.9	N.S	Dry heather moor: no rock, burning, trees
114	44.3	1.5	Dry heather moor: rock, no burning, no trees
115	3.9	0.1	Dry heather moor: rock, no burning, trees
116	4.0	0.1	Dry heather moor: rock, burning, no trees
117	0.2	N.S	Dry heather moor: rock, burning, trees
120	7.3	0.2	Wet heather moor: no rock, no burning, no trees
121	N.S	N.S	Wet heather moor: no rock, no burning, trees
122	0.6	N.S	Wet heather moor: no rock, burning, no trees
130	234.0	8.0	Undiff. heather moor: no rock, no burning, no trees
131	13.0	0.4	Undiff. heather moor: no rock, no burning, trees
132	30.2	1.0	Undiff. heather moor: no rock, burning, no trees
133	0.9	N.S	Undiff. heather moor: no rock, burning, trees
134	175.4	6.0	Undiff. heather moor: rock, no burning, no trees
135	3.7	0.1	Undiff. heather moor: rock, no burning, trees
136	9.5	0.3	Undiff. heather moor: rock, burning, no trees

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Table 7.3.3 Total audit of land cover features in Inverness District in which all mosaics are separately identified (continued).

code	area	%	description	
137	0.2	N.S	Undiff. heather moor: rock, burning, trees	
140	5.9	0.2	Undiff. Nardus/Molinia: no rock, no trees	
141	0.2	N.S	Undiff. Nardus/Molinia: no rock, trees	
142	2.2	0.1	Undiff. Nardus/Molinia: rock, no trees	
150	21.2	0.7	Smooth grass/rushes: no rock, no trees	
151	2.0	0.1	Smooth grass/rushes: no rock, trees	
152	0.3	N.S	Smooth grass/rushes: rock, no trees	
155	10.8	0.4	Smooth grass/low scrub: no rock, no trees	
156	6.6	0.2	Smooth grass/low scrub: no rock, trees	
157	0.4	N.S	Smooth grass/low scrub: rock, no trees	
158	0.1	N.S	Smooth grass/low scrub: rock, trees	
160	7.6	0.3	Undiff. smooth grass.: no rock, no trees	
161	5.7	0.2	Undiff. smooth grass.: no rock, trees	
162	0.5	N.S	Undiff. smooth grass.: rock, no trees	
163	0.6	N.S	Undiff. smooth grass.: rock, trees	
170	7.7	0.3	Undiff. bracken: no rock, no trees	
171	8.1	0.3	Undiff. bracken: no rock, trees	
172	2.7	0.1	Undiff. bracken: rock, no trees	
173	1.8	0.1	Undiff. bracken: rock, trees	
180	318.9	10.9	Blanket bog/peat. veg.: erosion, no trees	
181	N.S	N.S	Blanket bog/peat. veg.: erosion, trees	
182	97.5	3.3	Blanket bog/peat. veg.: no erosion, no trees	
183	1.1	N.S	Blanket bog/peat. veg.: no erosion, trees	
184	0.5	N.S	Blanket bog/peat. veg.: dubh lochans	
185	N.S	N.S	Blanket bog/peat. veg.: industrial peat workings	
186	1.2	N.S	Blanket bog/peat. veg.: other peat workings	
190	0.8	N.S	Undiff. salt marsh: no trees	
200	0.6	N.S	Wetlands: no drains, no trees	
201	0.1	N.S	Wetlands: drains, no trees	
202	0.3	N.S	Wetlands: no drains, trees	
203	0.1	N.S	Wetlands: drains, trees	
212	0.1	N.S	Links area: grass	
222	67.7	2.3	Undiff. montane veg.: rock	
223	25.8	0.9	Undiff. montane veg.: no rock	
code	area	%	primary feature	secondary feature
311	1.3	N.S	Undiff. bracken: rock, no trees	Dry heather moor: rock, no burning, no trees
313	0.6	N.S	Blanket bog/peat. veg.: no erosion, no trees	Wet heather moor: rock, no burning, no trees
316	1.1	N.S	Dry heather moor: rock, no burning, no trees	Undiff. bracken: rock, no trees
317	2.7	0.1	Undiff. smooth grass.: rock, no trees	Undiff. heather moor: rock, no burning, no trees
340	0.4	N.S	Wet heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: erosion, no trees
351	0.6	N.S	Smooth grass/rushes: no rock, no trees	Wet heather moor: no rock, no burning, no trees
352	0.5	N.S	Wet heather moor: no rock, no burning, no trees	Smooth grass/rushes: no rock, no trees
353	3.7	0.1	Imp. pasture: no rock, no farms, no trees	Smooth grass/rushes: no rock, no trees
355	1.1	N.S	Blanket bog/peat. veg.: no erosion, no trees	Smooth grass/rushes: no rock, no trees
356	1.5	0.1	Undiff. smooth grass.: no rock, no trees	Smooth grass/rushes: no rock, no trees
358	4.9	0.2	Blanket bog/peat. veg.: no erosion, no trees	Wet heather moor: no rock, no burning, no trees
360	57.4	2.0	Undiff. heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
361	4.2	0.1	Wet heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
362	1.9	0.1	Undiff. heather moor: no rock, no burning, no trees	Undiff. bracken: no rock, no trees

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Table 7.3.3 Total audit of land cover features in Inverness District in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
365	0.3	N.S	Undiff. bracken: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
366	1.2	N.S	Undiff. heather moor: rock, no burning, no trees	Undiff. bracken: rock, no trees
367	0.8	N.S	Undiff. bracken: rock, no trees	Undiff. heather moor: rock, no burning, no trees
374	81.6	2.8	Undiff. heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
382	48.6	1.7	Blanket bog/peat. veg.: no erosion, no trees	Undiff. heather moor: no rock, no burning, no trees
384	11.6	0.4	Blanket bog/peat. veg.: no erosion, no trees	Undiff. heather moor: rock, no burning, no trees
385	5.1	0.2	Undiff. heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
389	0.2	N.S	Dry heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
396	1.8	0.1	Undiff. heather moor: rock, no burning, no trees	Undiff. smooth grass.: rock, no trees
399	0.7	N.S	Smooth grass/rushes: no rock, no trees	Imp. pasture: no rock, no farms, no trees
400	3.7	0.1	Undiff. smooth grass.: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
402	1.3	N.S	Smooth grass/rushes: no rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
404	0.4	N.S	Smooth grass/low scrub: no rock, trees	Undiff. heather moor: no rock, no burning, trees
406	2.5	0.1	Smooth grass/rushes: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
408	0.8	N.S	Undiff. heather moor: no rock, no burning, trees	Undiff. smooth grass.: no rock, trees
411	0.2	N.S	Undiff. smooth grass.: no rock, trees	Undiff. heather moor: no rock, no burning, trees
412	0.6	N.S	Undiff. heather moor: no rock, no burning, trees	Smooth grass/low scrub: no rock, trees
413	0.3	N.S	Smooth grass/rushes: no rock, trees	Smooth grass/low scrub: no rock, trees
414	0.1	N.S	Undiff. Nardus/Molinia: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
415	1.0	N.S	Undiff. smooth grass.: no rock, no trees	Undiff. bracken: no rock, no trees
417	0.1	N.S	Undiff. heather moor: no rock, no burning, no trees	Smooth grass/low scrub: no rock, no trees
418	0.7	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. bracken: no rock, no trees
420	5.9	0.2	Dry heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
426	0.3	N.S	Smooth grass/rushes: no rock, no trees	Undiff. smooth grass.: no rock, no trees
434	0.4	N.S	Undiff. smooth grass.: no rock, trees	Undiff. bracken: no rock, trees
436	0.3	N.S	Undiff. Nardus/Molinia: no rock, no trees	Blanket bog/peat. veg.: erosion, no trees
437	3.6	0.1	Undiff. heather moor: no rock, no burning, no trees	Smooth grass/rushes: no rock, no trees
438	2.8	0.1	Undiff. heather moor: no rock, burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
440	1.5	0.1	Smooth grass/low scrub: no rock, no trees	Undiff. bracken: no rock, no trees
442	35.4	1.2	Undiff. heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
443	0.5	N.S	Undiff. heather moor: no rock, burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
448	32.4	1.1	Undiff. heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: rock, no trees
449	0.3	N.S	Blanket bog/peat. veg.: no erosion, no trees	Undiff. Nardus/Molinia: no rock, no trees
454	1.0	N.S	Open canopy (young plantation)	Coniferous plantation (area)
460	3.7	0.1	Dry heather moor: no rock, no burning, no trees	Undiff. bracken: no rock, no trees
469	0.4	N.S	Dry heather moor: rock, burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
472	N.S	N.S	Dry heather moor: no rock, no burning, no trees	Undiff. low scrub
474	0.8	N.S	Blanket bog/peat. veg.: erosion, no trees	Undiff. Nardus/Molinia: no rock, no trees
475	0.1	N.S	Dry heather moor: no rock, no burning, no trees	Smooth grass/rushes: no rock, no trees
476	7.1	0.2	Dry heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
477	88.1	3.0	Undiff. heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: erosion, no trees
486	0.2	N.S	Dry heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
487	0.3	N.S	Undiff. heather moor: no rock, no burning, trees	Smooth grass/rushes: no rock, trees
494	16.3	0.6	Undiff. Nardus/Molinia: rock, no trees	Undiff. heather moor: rock, no burning, no trees
498	0.3	N.S	Links area: grass	Undiff. low scrub
500	3.1	0.1	Undiff. heather moor: no rock, no burning, trees	Blanket bog/peat. veg.: no erosion, trees
507	N.S	N.S	Smooth grass/low scrub: no rock, no trees	Imp. pasture: no rock, no farms, no trees
510	0.3	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. heather moor: no rock, no burning, no trees
513	0.8	N.S	Dry heather moor: no rock, no burning, trees	Undiff. bracken: no rock, trees
524	0.6	N.S	Smooth grass/rushes: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees

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Table 7.3.3 Total audit of land cover features in Inverness District in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
525	0.1	N.S	Blanket bog/peat. veg.: no erosion, no trees	Undiff. heather moor: no rock, burning, no trees
528	0.7	N.S	Undiff. smooth grass.: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
533	1.1	N.S	Smooth grass/low scrub: no rock, trees	Undiff. bracken: no rock, trees
534	0.1	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. low scrub
535	0.6	N.S	Dry heather moor: no rock, no burning, trees	Undiff. low scrub
536	0.3	N.S	Dry heather moor: no rock, no burning, trees	Blanket bog/peat. veg.: no erosion, no trees
537	N.S	N.S	Undiff. mixed woodland (area)	Undiff. low scrub
538	0.4	N.S	Undiff. low scrub	Smooth grass/rushes: no rock, no trees
547	0.1	N.S	Undiff. low scrub	Undiff. mixed woodland (area)
551	0.2	N.S	Links area: heath	Undiff. low scrub
556	2.2	0.1	Wet heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: erosion, no trees
558	0.5	N.S	Undiff. bracken: no rock, no trees	Smooth grass/rushes: no rock, no trees
559	0.2	N.S	Undiff. bracken: no rock, trees	Smooth grass/rushes: no rock, trees
564	9.0	0.3	Undiff. Nardus/Molinia: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
565	1.2	N.S	Blanket bog/peat. veg.: erosion, no trees	Wet heather moor: no rock, no burning, no trees
568	2.0	0.1	Dry heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: rock, no trees
580	46.1	1.6	Undiff. heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: erosion, no trees
584	0.2	N.S	Undiff. bracken: rock, no trees	Undiff. low scrub
585	N.S	N.S	Undiff. bracken: rock, no trees	Smooth grass/low scrub: rock, no trees
586	0.5	N.S	Smooth grass/rushes: no rock, no trees	Undiff. bracken: no rock, no trees
593	0.5	N.S	Undiff. bracken: no rock, no trees	Undiff. smooth grass.: no rock, no trees
599	2.1	0.1	Blanket bog/peat. veg.: erosion, no trees	Undiff. montane veg.: rock
602	7.8	0.3	Blanket bog/peat. veg.: erosion, no trees	Undiff. montane veg.: no rock
603	38.9	1.3	Undiff. montane veg.: no rock	Blanket bog/peat. veg.: erosion, no trees
607	33.7	1.2	Undiff. montane veg.: rock	Blanket bog/peat. veg.: erosion, no trees
620	0.2	N.S	Undiff. montane veg.: no rock	Blanket bog/peat. veg.: no erosion, no trees
628	1.5	0.1	Undiff. bracken: no rock, trees	Smooth grass/low scrub: no rock, trees
630	0.4	N.S	Dry heather moor: no rock, no burning, trees	Smooth grass/low scrub: no rock, trees
634	10.0	0.3	Blanket bog/peat. veg.: erosion, no trees	Undiff. heather moor: rock, no burning, no trees
637	0.3	N.S	Imp. pasture: rock, no farms, no trees	Smooth grass/rushes: rock, no trees
640	0.2	N.S	Undiff. heather moor: no rock, no burning, no trees	Undiff. montane veg.: no rock
643	0.9	N.S	Dry heather moor: no rock, no burning, trees	Blanket bog/peat. veg.: no erosion, trees
644	0.8	N.S	Blanket bog/peat. veg.: no erosion, trees	Undiff. heather moor: no rock, no burning, trees
645	0.3	N.S	Undiff. bracken: no rock, no trees	Smooth grass/low scrub: no rock, no trees
652	0.1	N.S	Imp. pasture: no rock, no farms, no trees	Smooth grass/low scrub: no rock, trees
659	0.3	N.S	Undiff. bracken: no rock, no trees	Dry heather moor: no rock, no burning, no trees
663	0.2	N.S	Coniferous plantation (area)	Undiff. smooth grass.: no rock, no trees
673	1.6	0.1	Blanket bog/peat. veg.: dubh lochans	Blanket bog/peat. veg.: erosion, no trees
683	0.1	N.S	Smooth grass/low scrub: rock, trees	Undiff. bracken: rock, trees
697	N.S	N.S	Smooth grass/rushes: no rock, no trees	Wetlands: no drains, no trees
735	0.9	N.S	Coniferous plantation (area)	Coniferous semi-natural (area)
736	83.9	2.9	Blanket bog/peat. veg.: erosion, no trees	Undiff. heather moor: no rock, no burning, no trees
737	0.2	N.S	Coniferous plantation (area)	Undiff. broadleaved (area)
740	0.4	N.S	Undiff. heather moor: rock, no burning, trees	Undiff. Nardus/Molinia: rock, trees
741	0.7	N.S	Undiff. heather moor: no rock, no burning, trees	Undiff. Nardus/Molinia: no rock, trees
743	0.1	N.S	Undiff. Nardus/Molinia: rock, no trees	Blanket bog/peat. veg.: erosion, no trees
746	0.6	N.S	Dry heather moor: rock, no burning, trees	Undiff. bracken: rock, trees
770	1.3	N.S	Undiff. heather moor: rock, no burning, trees	Undiff. bracken: rock, trees
771	N.S	N.S	Undiff. heather moor: rock, no burning, trees	Undiff. smooth grass.: rock, trees
788	N.S	N.S	Undiff. broadleaved (area)	Undiff. heather moor: rock, no burning, trees

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Table 7.3.3 Total audit of land cover features in Inverness District in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
800	3.3	0.1	Undiff. heather moor: rock, no burning, trees	Blanket bog/peat. veg.: no erosion, trees
806	2.0	0.1	Undiff. low scrub	Blanket bog/peat. veg.: no erosion, no trees
807	0.1	N.S	Undiff. low scrub	Dry heather moor: no rock, no burning, no trees
808	0.1	N.S	Dry heather moor: no rock, no burning, no trees	Wet heather moor: no rock, no burning, trees
809	0.3	N.S	Undiff. heather moor: no rock, no burning, no trees	Undiff. low scrub
811	0.5	N.S	Dry heather moor: no rock, burning, trees	Smooth grass/low scrub: no rock, trees
812	0.3	N.S	Dry heather moor: rock, no burning, no trees	Undiff. low scrub
825	0.1	N.S	Smooth grass/rushes: no rock, trees	Undiff. low scrub
840	0.1	N.S	Undiff. low scrub	Undiff. bracken: no rock, no trees
841	0.9	N.S	Undiff. broadleaved (area)	Dry heather moor: no rock, burning, trees
842	0.4	N.S	Smooth grass/rushes: rock, no trees	Undiff. Nardus/Molinia: rock, no trees
844	0.1	N.S	Dry heather moor: no rock, burning, no trees	Undiff. bracken: no rock, no trees
845	N.S	N.S	Dry heather moor: rock, no burning, no trees	Undiff. bracken: no rock, no trees
861	0.2	N.S	Undiff. bracken: no rock, no trees	Undiff. low scrub
869	1.0	N.S	Undiff. bracken: rock, trees	Smooth grass/low scrub: rock, trees
873	5.4	0.2	Undiff. montane veg.: rock	Undiff. heather moor: rock, no burning, no trees
881	0.8	N.S	Undiff. broadleaved (area)	Undiff. bracken: no rock, trees
890	2.0	0.1	Undiff. montane veg.: no rock	Undiff. heather moor: no rock, no burning, no trees
893	0.1	N.S	Undiff. montane veg.: no rock	Dry heather moor: no rock, no burning, no trees
909	0.8	N.S	Undiff. heather moor: rock, burning, no trees	Undiff. Nardus/Molinia: rock, no trees
912	1.7	0.1	Undiff. heather moor: rock, no burning, no trees	Undiff. montane veg.: rock
933	0.3	N.S	Undiff. heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
938	0.8	N.S	Blanket bog/peat. veg.: erosion, no trees	Smooth grass/rushes: no rock, no trees
947	0.6	N.S	Undiff. bracken: rock, trees	Undiff. heather moor: rock, no burning, trees
955	0.6	N.S	Imp. pasture: no rock, no farms, no trees	Wetlands: no drains, no trees
969	0.3	N.S	Undiff. smooth grass.: no rock, no trees	Wetlands: no drains, no trees
983	0.1	N.S	Dry heather moor: no rock, no burning, trees	Undiff. bracken: no rock, no trees
992	0.5	N.S	Smooth grass/rushes: no rock, no trees	Blanket bog/peat. veg.: erosion, no trees
1006	0.1	N.S	Dry heather moor: rock, no burning, no trees	Recent ploughing for forestry
1024	0.4	N.S	Undiff. bracken: no rock, trees	Dry heather moor: no rock, no burning, trees
1028	0.3	N.S	Undiff. bracken: no rock, trees	Undiff. smooth grass.: no rock, trees
1039	0.1	N.S	Dry heather moor: rock, no burning, no trees	Coniferous plantation (area)
1062	0.1	N.S	Recent ploughing for forestry	Dry heather moor: rock, no burning, no trees
1092	1.5	0.1	Open canopy (young plantation)	Undiff. mixed woodland (area)
1146	0.5	N.S	Undiff. heather moor: no rock, no burning, trees	Undiff. low scrub
1164	0.6	N.S	Undiff. mixed woodland (area)	Open canopy (young plantation)
1178	0.4	N.S	Undiff. low scrub	Undiff. bracken: no rock, trees
1205	0.5	N.S	Wetlands: no drains, no trees	Smooth grass/rushes: no rock, no trees
1247	0.3	N.S	Blanket bog/peat. veg.: erosion, no trees	Smooth grass/rushes: rock, no trees
1280	0.7	N.S	Undiff. bracken: no rock, trees	Undiff. heather moor: no rock, no burning, trees
1286	0.1	N.S	Recent ploughing for forestry	Undiff. heather moor: rock, no burning, no trees
1316	0.1	N.S	Coniferous plantation (area)	Dry heather moor: rock, no burning, no trees
1340	0.1	N.S	Undiff. bracken: no rock, trees	Undiff. low scrub
1343	0.1	N.S	Built-up (area)	Undiff. broadleaved (area)
1357	0.9	N.S	Undiff. heather moor: no rock, no burning, trees	Undiff. bracken: no rock, trees
1362	0.2	N.S	Undiff. low scrub	Undiff. bracken: rock, trees
1363	0.1	N.S	Undiff. bracken: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
1369	0.7	N.S	Undiff. bracken: rock, trees	Dry heather moor: rock, no burning, trees
1374	0.1	N.S	Undiff. Nardus/Molinia: no rock, trees	Undiff. bracken: no rock, trees
1424	0.1	N.S	Undiff. heather moor: rock, no burning, trees	Undiff. Nardus/Molinia: rock, no trees

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Table 7.3.3 Total audit of land cover features in Inverness District in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
1426	0.2	N.S	Undiff. heather moor: rock, no burning, no trees	Snow cover
1427	10.7	0.4	Undiff. montane veg.: rock	Snow cover
1460	0.1	N.S	Undiff. mixed woodland (area)	Recently felled forestry
1462	0.1	N.S	Undiff. heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, trees
1469	0.1	N.S	Wetlands: no drains, trees	Water (area)
1472	1.0	N.S	Undiff. heather moor: rock, no burning, no trees	Undiff. smooth grass.: no rock, trees
1473	0.3	N.S	Coniferous plantation (area)	Rock and cliffs (area)
1474	0.2	N.S	Blanket bog/peat. veg.: no erosion, no trees	Dry heather moor: rock, no burning, no trees
1480	0.2	N.S	Undiff. bracken: rock, trees	Dry heather moor: rock, no burning, no trees
1481	0.6	N.S	Undiff. mixed woodland (area)	Rock and cliffs (area)
1482	N.S	N.S	Dry heather moor: no rock, burning, trees	Coniferous plantation (area)
1483	0.5	N.S	Undiff. montane veg.: no rock	Undiff. heather moor: no rock, burning, no trees
1484	0.1	N.S	Undiff. smooth grass.: no rock, trees	Wetlands: no drains, no trees
1485	N.S	N.S	Undiff. bracken: no rock, no trees	Wetlands: no drains, no trees
1486	0.1	N.S	Undiff. bracken: no rock, trees	Wetlands: no drains, trees
1490	N.S	N.S	Rock and cliffs (area)	Coniferous plantation (area)
1493	0.1	N.S	Smooth grass/low scrub: no rock, no trees	Undiff. bracken: no rock, trees
1494	0.1	N.S	Wetlands: no drains, no trees	Undiff. bracken: no rock, no trees
1495	0.6	N.S	Recent ploughing for forestry	Undiff. heather moor: rock, burning, no trees
1497	0.3	N.S	Dry heather moor: rock, no burning, trees	Wetlands: no drains, trees
1500	0.1	N.S	Undiff. bracken: no rock, trees	Dry heather moor: rock, no burning, no trees
TOTAL	2915.9	100.0		

Cover types		single feature		features in mosaics	
		area	%	primary	secondary
Open countryside					
A	Arable	0	0	0	0
B	Improved grassland	44.7	1.0	22.2	6.0
C	Good rough grassland	90.2	1.9	138.1	182.9
D	Poor rough grassland	40.4	0.9	130.4	805.8
E	Bracken	0.4	N.S	6.8	51.9
F	Heather moorland	352.2	7.6	2046.2	388.3
G	Peatland	78.7	1.7	270.5	1253.4
H	Montane	324.3	7.0	103.0	17.1
I	Rock and cliffs	43.9	0.9	3.4	20.3
Woodland					
J	Felled woodland	17.0	0.4	1.7	1.0
K	Recent planting	220.8	4.7	14.6	15.8
L	Coniferous plantation	282.1	6.1	24.8	4.0
M	Semi-natural coniferous	N.S	N.S	0	0
N	Mixed woodland	32.7	0.7	1.2	0.6
O	Broadleaved	110.6	2.4	7.8	22.7
P	Scrub	0.3	N.S	0.6	0.5
Wet ground					
Q	Fresh waters	164.4	3.5	0	1.0
R	Marshes	0.8	N.S	1.8	1.9
S	Saltmarshes	2.4	0.1	N.S	0.1
T	Dunes	0.2	N.S	1.2	1.5
U	Tidal waters	0.2	N.S	0	0
Developed					
V	Rural development	4.5	0.1	0	0
W	Urban	7.3	0.2	0.4	0
Other					
X	Missing photography/obscured land	57.5	1.2	0	0
SUBTOTAL		1875.9	40.3		
Y	Mosaics of types above	2774.9	59.7	2774.9	2774.9
DISTRICT TOTAL		4650.8	100.0		

Nationally significant mosaics			area	%
FG	Heather moorland	Peatland	1365.8	29.4
DF	Poor rough grassland	Heather moorland	842.9	18.1
CF	Good rough grassland	Heather moorland	178.2	3.8
GH	Peatland	Montane	95.4	2.1
CD	Good rough grassland	Poor rough grassland	55.7	1.2
BC	Improved grassland	Good rough grassland	20.6	0.4
CE	Good rough grassland	Bracken	39.2	0.8
DG	Poor rough grassland	Peatland	29.1	0.6
FH	Heather moorland	Montane	11.0	0.2
SUBTOTAL			2637.8	56.7
Locally significant mosaics			area	%
CG	Good rough grassland	Peatland	22.5	0.5
FI	Heather moorland	Rock and cliffs	20.5	0.4
KL	Recent planting	Coniferous plantation	14.0	0.3
LO	Coniferous plantation	Broadleaved	13.7	0.3
EF	Bracken	Heather moorland	8.6	0.2
SUBTOTAL			79.3	1.7
Remaining mosaics			57.8	1.2
MOSAICS OF SUMMARY COVER TYPES			2774.9	59.7

Table 7.4.1

Lochaber District

Land cover summary categories

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not match the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05. Please refer to Figure 6.2 for guidance in the interpretation of this table.

Table 7.4.2 Total audit of land cover features in Lochaber District in which all mosaics are allocated according to primary or secondary feature.

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05 sq km. Please refer to Figure 6.3 for guidance in the interpretation of this table.

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
3	1.1	0	0	Factory
4	N.S	0	0	Airfield
5	0.9	0	0	Golf course
6	N.S	0	0	Cemeteries
7	0.8	0	0	Recreational land
10	43.9	3.4	20.3	Rock and cliffs (area)
12	1.5	0	0	Quarries and opencast (area)
14	0.1	0	0	Bings and refuse tips (area)
18	164.4	0	1.0	Water (area)
20	7.3	0.4	0	Built-up (area)
22	N.S	0	0	Transport features, rail
24	0.2	0	0	Estuary
26	56.8	0	0	Cloud cover
27	0.7	0	0	Snow cover
28	0.1	0	0	Ski tows
70	282.1	24.8	4.0	Coniferous plantation (area)
73	N.S	0	0	Coniferous semi-natural (area)
76	110.6	7.8	21.6	Undiff. broadleaved (area)
78	0	0	1.1	Undiff. broadleaved (point)
79	32.7	1.2	0.6	Undiff. mixed woodland (area)
82	0.3	0.6	0.1	Undiff. low scrub
83	54.3	1.8	4.3	Recent ploughing for forestry
84	17.0	1.7	1.0	Recently felled forestry
85	164.2	12.8	11.5	Open canopy (young plantation)
86	0	0	0.4	Rhododendron scrub
87	2.3	0	0	Recent 'ripping' for forestry
90	29.9	10.4	3.8	Imp. pasture: no rock, no farms, no trees
91	2.0	0.4	0	Imp. pasture: no rock, no farms, trees
92	3.6	0.3	0	Imp. pasture: no rock, farms, no trees
93	4.5	1.8	0.5	Imp. pasture: no rock, farms, trees
94	3.5	8.4	1.8	Imp. pasture: rock, no farms, no trees
95	0.1	0	0	Imp. pasture: rock, no farms, trees
96	1.0	0.3	0	Imp. pasture: rock, farms, no trees
97	0.2	0.7	0	Imp. pasture: rock, farms, trees
110	4.7	0.9	0.1	Dry heather moor: no rock, no burning, no trees
111	0	0.1	0	Dry heather moor: no rock, no burning, trees
112	0	0.1	0	Dry heather moor: no rock, burning, no trees
114	24.2	10.3	4.9	Dry heather moor: rock, no burning, no trees
115	0.3	3.6	0.1	Dry heather moor: rock, no burning, trees
120	0	36.2	1.8	Wet heather moor: no rock, no burning, no trees
121	0	0.1	0	Wet heather moor: no rock, no burning, trees
124	37.6	109.0	8.7	Wet heather moor: rock, no burning, no trees
125	0.1	0	0	Wet heather moor: rock, no burning, trees
130	41.8	669.1	204.0	Undiff. heather moor: no rock, no burning, no trees

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Table 7.4.2 Total audit of land cover features in Lochaber District in which all mosaics are allocated according to primary or secondary feature (continued).

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
131	1.8	7.8	2.1	Undiff. heather moor: no rock, no burning, trees
132	0.2	0	0	Undiff. heather moor: no rock, burning, no trees
134	234.6	1190.6	158.8	Undiff. heather moor: rock, no burning, no trees
135	5.2	15.4	7.9	Undiff. heather moor: rock, no burning, trees
136	1.8	3.0	0	Undiff. heather moor: rock, burning, no trees
140	25.6	42.0	150.9	Undiff. Nardus/Molinia: no rock, no trees
141	0.6	1.1	5.4	Undiff. Nardus/Molinia: no rock, trees
142	14.0	85.2	642.6	Undiff. Nardus/Molinia: rock, no trees
143	0.2	2.1	6.9	Undiff. Nardus/Molinia: rock, trees
150	2.1	22.4	14.8	Smooth grass/rushes: no rock, no trees
151	0.1	0.6	0.3	Smooth grass/rushes: no rock, trees
152	1.6	31.6	11.6	Smooth grass/rushes: rock, no trees
153	0.2	0.8	0.2	Smooth grass/rushes: rock, trees
155	0.3	0.1	0.1	Smooth grass/low scrub: no rock, no trees
156	N.S	0.5	0.5	Smooth grass/low scrub: no rock, trees
157	0.1	0.2	0	Smooth grass/low scrub: rock, no trees
158	N.S	0.3	1.1	Smooth grass/low scrub: rock, trees
160	40.6	13.6	19.4	Undiff. smooth grass.: no rock, no trees
161	10.9	3.0	1.6	Undiff. smooth grass.: no rock, trees
162	27.8	56.4	122.5	Undiff. smooth grass.: rock, no trees
163	6.4	8.5	10.9	Undiff. smooth grass.: rock, trees
170	0.3	2.0	7.4	Undiff. bracken: no rock, no trees
171	N.S	0.2	0.9	Undiff. bracken: no rock, trees
172	N.S	2.6	35.0	Undiff. bracken: rock, no trees
173	N.S	2.0	8.5	Undiff. bracken: rock, trees
180	44.5	170.2	745.1	Blanket bog/peat. veg.: erosion, no trees
181	0	0	0.5	Blanket bog/peat. veg.: erosion, trees
182	23.2	98.7	503.2	Blanket bog/peat. veg.: no erosion, no trees
183	0.7	0.1	1.8	Blanket bog/peat. veg.: no erosion, trees
184	5.5	0	0	Blanket bog/peat. veg.: dubh lochans
186	4.8	1.5	2.7	Blanket bog/peat. veg.: other peat workings
190	2.4	N.S	0.1	Undiff. salt marsh: no trees
200	0.7	1.8	1.9	Wetlands: no drains, no trees
202	N.S	0	0	Wetlands: no drains, trees
203	0.2	0	0	Wetlands: drains, trees
210	0	0.3	0.3	Bare dunes
211	0	0.3	0.2	Partially stabilized dunes
212	0.2	0.6	0.7	Links area: grass
213	N.S	0	0.3	Links area: heath
222	303.0	89.0	9.3	Undiff. montane veg.: rock
223	21.3	14.0	7.8	Undiff. montane veg.: no rock
TOTAL	1875.9	2774.9	2774.9	

Table 7.4.3 Total audit of land cover features in Lochaber District in which all mosaics are separately identified.

All areas are expressed in square kilometres to 1 decimal place; all percentages are expressed as % of the total area; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05

code	area	%	description
3	1.1	N.S	Factory
4	N.S	N.S	Airfield
5	0.9	N.S	Golf course
6	N.S	N.S	Cemeteries
7	0.8	N.S	Recreational land
10	43.9	0.9	Rock and cliffs (area)
12	1.5	N.S	Quarries and opencast (area)
14	0.1	N.S	Bings and refuse tips (area)
18	164.4	3.5	Water (area)
20	7.3	0.2	Built-up (area)
22	N.S	N.S	Transport features, rail
24	0.2	N.S	Estuary
26	56.8	1.2	Cloud cover
27	0.7	N.S	Snow cover
28	0.1	N.S	Ski tows
70	282.1	6.1	Coniferous plantation (area)
73	N.S	N.S	Coniferous semi-natural (area)
76	110.6	2.4	Undiff. broadleaved (area)
79	32.7	0.7	Undiff. mixed woodland (area)
82	0.3	N.S	Undiff. low scrub
83	54.3	1.2	Recent ploughing for forestry
84	17.0	0.4	Recently felled forestry
85	164.2	3.5	Open canopy (young plantation)
87	2.3	0.1	Recent 'ripping' for forestry
90	29.9	0.6	Imp. pasture: no rock, no farms, no trees
91	2.0	N.S	Imp. pasture: no rock, no farms, trees
92	3.6	0.1	Imp. pasture: no rock, farms, no trees
93	4.5	0.1	Imp. pasture: no rock, farms, trees
94	3.5	0.1	Imp. pasture: rock, no farms, no trees
95	0.1	N.S	Imp. pasture: rock, no farms, trees
96	1.0	N.S	Imp. pasture: rock, farms, no trees
97	0.2	N.S	Imp. pasture: rock, farms, trees
110	4.7	0.1	Dry heather moor: no rock, no burning, no trees
114	24.2	0.5	Dry heather moor: rock, no burning, no trees
115	0.3	N.S	Dry heather moor: rock, no burning, trees
124	37.6	0.8	Wet heather moor: rock, no burning, no trees
125	0.1	N.S	Wet heather moor: rock, no burning, trees
130	41.8	0.9	Undiff. heather moor: no rock, no burning, no trees
131	1.8	N.S	Undiff. heather moor: no rock, no burning, trees
132	0.2	N.S	Undiff. heather moor: no rock, burning, no trees
134	234.6	5.0	Undiff. heather moor: rock, no burning, no trees
135	5.2	0.1	Undiff. heather moor: rock, no burning, trees
136	1.8	N.S	Undiff. heather moor: rock, burning, no trees
140	25.6	0.6	Undiff. Nardus/Molinia: no rock, no trees
141	0.6	N.S	Undiff. Nardus/Molinia: no rock, trees
142	14.0	0.3	Undiff. Nardus/Molinia: rock, no trees
143	0.2	N.S	Undiff. Nardus/Molinia: rock, trees
150	2.1	N.S	Smooth grass/rushes: no rock, no trees

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Table 7.4.3 Total audit of land cover features in Lochaber District in which all mosaics are separately identified (continued).

code	area	%	description	
151	0.1	N.S	Smooth grass/rushes: no rock, trees	
152	1.6	N.S	Smooth grass/rushes: rock, no trees	
153	0.2	N.S	Smooth grass/rushes: rock, trees	
155	0.3	N.S	Smooth grass/low scrub: no rock, no trees	
156	N.S	N.S	Smooth grass/low scrub: no rock, trees	
157	0.1	N.S	Smooth grass/low scrub: rock, no trees	
158	N.S	N.S	Smooth grass/low scrub: rock, trees	
160	40.6	0.9	Undiff. smooth grass.: no rock, no trees	
161	10.9	0.2	Undiff. smooth grass.: no rock, trees	
162	27.8	0.6	Undiff. smooth grass.: rock, no trees	
163	6.4	0.1	Undiff. smooth grass.: rock, trees	
170	0.3	N.S	Undiff. bracken: no rock, no trees	
171	N.S	N.S	Undiff. bracken: no rock, trees	
172	N.S	N.S	Undiff. bracken: rock, no trees	
173	N.S	N.S	Undiff. bracken: rock, trees	
180	44.5	1.0	Blanket bog/peat. veg.: erosion, no trees	
182	23.2	0.5	Blanket bog/peat. veg.: no erosion, no trees	
183	0.7	N.S	Blanket bog/peat. veg.: no erosion, trees	
184	5.5	0.1	Blanket bog/peat. veg.: dubh lochans	
186	4.8	0.1	Blanket bog/peat. veg.: other peat workings	
190	2.4	0.1	Undiff. salt marsh: no trees	
200	0.7	N.S	Wetlands: no drains, no trees	
202	N.S	N.S	Wetlands: no drains, trees	
203	0.2	N.S	Wetlands: drains, trees	
212	0.2	N.S	Links area: grass	
213	N.S	N.S	Links area: heath	
222	303.0	6.5	Undiff. montane veg.: rock	
223	21.3	0.5	Undiff. montane veg.: no rock	
code	area	%	primary feature	secondary feature
301	4.5	0.1	Undiff. smooth grass.: rock, no trees	Dry heather moor: rock, no burning, no trees
308	0.5	N.S	Imp. pasture: no rock, no farms, no trees	Blanket bog/peat. veg.: other peat workings
309	0.3	N.S	Blanket bog/peat. veg.: no erosion, no trees	Blanket bog/peat. veg.: other peat workings
312	63.0	1.4	Wet heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
313	5.1	0.1	Blanket bog/peat. veg.: no erosion, no trees	Wet heather moor: rock, no burning, no trees
315	0.4	N.S	Wet heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: other peat workings
317	25.0	0.5	Undiff. smooth grass.: rock, no trees	Undiff. heather moor: rock, no burning, no trees
319	0.3	N.S	Partially stabilized dunes	Bare dunes
324	0.2	N.S	Imp. pasture: no rock, no farms, no trees	Blanket bog/peat. veg.: no erosion, no trees
326	4.6	0.1	Dry heather moor: rock, no burning, no trees	Undiff. smooth grass.: rock, no trees
330	1.0	N.S	Wetlands: no drains, no trees	Water (area)
333	0.2	N.S	Links area: grass	Rock and cliffs (area)
340	45.6	1.0	Wet heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: erosion, no trees
343	3.2	0.1	Blanket bog/peat. veg.: erosion, no trees	Wet heather moor: rock, no burning, no trees
347	0.2	N.S	Bare dunes	Links area: grass
350	0.1	N.S	Smooth grass/rushes: no rock, no trees	Undiff. salt marsh: no trees
352	0.1	N.S	Wet heather moor: no rock, no burning, no trees	Smooth grass/rushes: no rock, no trees
353	6.2	0.1	Imp. pasture: no rock, no farms, no trees	Smooth grass/rushes: no rock, no trees
355	2.1	N.S	Blanket bog/peat. veg.: no erosion, no trees	Smooth grass/rushes: no rock, no trees

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Table 7.4.3 Total audit of land cover features in Lochaber District in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
358	0.3	N.S	Blanket bog/peat. veg.: no erosion, no trees	Wet heather moor: no rock, no burning, no trees
360	162.3	3.5	Undiff. heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
361	21.5	0.5	Wet heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
362	1.0	N.S	Undiff. heather moor: no rock, no burning, no trees	Undiff. bracken: no rock, no trees
365	0.1	N.S	Undiff. bracken: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
366	1.5	N.S	Undiff. heather moor: rock, no burning, no trees	Undiff. bracken: rock, no trees
367	0.2	N.S	Undiff. bracken: rock, no trees	Undiff. heather moor: rock, no burning, no trees
374	224.3	4.8	Undiff. heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
381	1.1	N.S	Blanket bog/peat. veg.: other peat workings	Undiff. heather moor: rock, no burning, no trees
382	77.0	1.7	Blanket bog/peat. veg.: no erosion, no trees	Undiff. heather moor: no rock, no burning, no trees
384	6.9	0.1	Blanket bog/peat. veg.: no erosion, no trees	Undiff. heather moor: rock, no burning, no trees
385	14.8	0.3	Undiff. heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
389	0.1	N.S	Dry heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
396	72.8	1.6	Undiff. heather moor: rock, no burning, no trees	Undiff. smooth grass.: rock, no trees
399	0.2	N.S	Smooth grass/rushes: no rock, no trees	Imp. pasture: no rock, no farms, no trees
400	8.8	0.2	Undiff. smooth grass.: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
401	15.3	0.3	Undiff. smooth grass.: rock, no trees	Undiff. bracken: rock, no trees
402	2.5	0.1	Smooth grass/rushes: no rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
406	6.6	0.1	Smooth grass/rushes: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
408	0.9	N.S	Undiff. heather moor: no rock, no burning, trees	Undiff. smooth grass.: no rock, trees
410	1.6	N.S	Undiff. smooth grass.: no rock, no trees	Imp. pasture: no rock, no farms, no trees
411	1.2	N.S	Undiff. smooth grass.: no rock, trees	Undiff. heather moor: no rock, no burning, trees
412	0.1	N.S	Undiff. heather moor: no rock, no burning, trees	Smooth grass/low scrub: no rock, trees
414	14.3	0.3	Undiff. Nardus/Molinia: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
415	1.8	N.S	Undiff. smooth grass.: no rock, no trees	Undiff. bracken: no rock, no trees
416	0.2	N.S	Undiff. Nardus/Molinia: no rock, no trees	Smooth grass/rushes: no rock, no trees
418	0.5	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. bracken: no rock, no trees
421	1.3	N.S	Undiff. smooth grass.: no rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
424	9.9	0.2	Undiff. smooth grass.: rock, no trees	Undiff. Nardus/Molinia: rock, no trees
425	0.2	N.S	Undiff. smooth grass.: no rock, trees	Undiff. bracken: no rock, no trees
427	0.1	N.S	Imp. pasture: no rock, no farms, trees	Smooth grass/rushes: no rock, trees
429	0.3	N.S	Undiff. Nardus/Molinia: rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
434	0.3	N.S	Undiff. smooth grass.: no rock, trees	Undiff. bracken: no rock, trees
436	0.4	N.S	Undiff. Nardus/Molinia: no rock, no trees	Blanket bog/peat. veg.: erosion, no trees
437	2.8	0.1	Undiff. heather moor: no rock, no burning, no trees	Smooth grass/rushes: no rock, no trees
439	0.2	N.S	Undiff. smooth grass.: rock, no trees	Undiff. bracken: no rock, no trees
440	0.1	N.S	Smooth grass/low scrub: no rock, no trees	Undiff. bracken: no rock, no trees
441	0.1	N.S	Smooth grass/low scrub: no rock, trees	Undiff. bracken: no rock, no trees
442	142.5	3.1	Undiff. heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
444	2.3	N.S	Undiff. Nardus/Molinia: no rock, no trees	Undiff. smooth grass.: no rock, no trees
447	4.9	0.1	Blanket bog/peat. veg.: erosion, no trees	Undiff. Nardus/Molinia: rock, no trees
448	619.4	13.3	Undiff. heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: rock, no trees
449	0.8	N.S	Blanket bog/peat. veg.: no erosion, no trees	Undiff. Nardus/Molinia: no rock, no trees
453	1.1	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. smooth grass.: rock, no trees
454	3.8	0.1	Open canopy (young plantation)	Coniferous plantation (area)
456	1.4	N.S	Dry heather moor: rock, no burning, trees	Undiff. smooth grass.: rock, trees
457	3.5	0.1	Undiff. smooth grass.: rock, trees	Undiff. bracken: rock, trees
458	0.2	N.S	Undiff. smooth grass.: no rock, trees	Smooth grass/rushes: no rock, trees
460	0.8	N.S	Dry heather moor: no rock, no burning, no trees	Undiff. bracken: no rock, no trees
474	2.1	N.S	Blanket bog/peat. veg.: erosion, no trees	Undiff. Nardus/Molinia: no rock, no trees

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Table 7.4.3 Total audit of land cover features in Lochaber District in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
477	283.6	6.1	Undiff. heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: erosion, no trees
478	1.5	N.S	Undiff. heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: other peat workings
481	1.9	N.S	Undiff. heather moor: rock, no burning, no trees	Undiff. smooth grass.: rock, trees
491	0.1	N.S	Dry heather moor: no rock, no burning, trees	Undiff. smooth grass.: no rock, trees
494	41.8	0.9	Undiff. Nardus/Molinia: rock, no trees	Undiff. heather moor: rock, no burning, no trees
499	0.4	N.S	Imp. pasture: rock, no farms, no trees	Undiff. smooth grass.: rock, no trees
500	1.0	N.S	Undiff. heather moor: no rock, no burning, trees	Blanket bog/peat. veg.: no erosion, trees
503	35.2	0.8	Undiff. Nardus/Molinia: rock, no trees	Undiff. smooth grass.: rock, no trees
505	0.1	N.S	Smooth grass/low scrub: rock, no trees	Undiff. bracken: rock, no trees
506	0.3	N.S	Links area: grass	Links area: heath
509	0.4	N.S	Coniferous plantation (area)	Recently felled forestry
524	4.7	0.1	Smooth grass/rushes: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
541	0.2	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. heather moor: rock, no burning, no trees
553	1.1	N.S	Undiff. Nardus/Molinia: rock, no trees	Undiff. bracken: rock, no trees
556	14.6	0.3	Wet heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: erosion, no trees
557	1.6	N.S	Undiff. bracken: rock, no trees	Undiff. smooth grass.: rock, no trees
558	0.8	N.S	Undiff. bracken: no rock, no trees	Smooth grass/rushes: no rock, no trees
560	0.2	N.S	Undiff. bracken: rock, no trees	Undiff. Nardus/Molinia: rock, no trees
561	0.6	N.S	Undiff. bracken: no rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
563	0.1	N.S	Undiff. smooth grass.: rock, no trees	Rock and cliffs (area)
564	23.7	0.5	Undiff. Nardus/Molinia: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
565	1.5	N.S	Blanket bog/peat. veg.: erosion, no trees	Wet heather moor: no rock, no burning, no trees
566	10.0	0.2	Coniferous plantation (area)	Open canopy (young plantation)
568	5.1	0.1	Dry heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: rock, no trees
570	0.1	N.S	Undiff. smooth grass.: rock, no trees	Imp. pasture: rock, no farms, no trees
571	0.4	N.S	Undiff. smooth grass.: rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
578	5.9	0.1	Undiff. montane veg.: rock	Undiff. montane veg.: no rock
580	305.1	6.6	Undiff. heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: erosion, no trees
586	1.9	N.S	Smooth grass/rushes: no rock, no trees	Undiff. bracken: no rock, no trees
589	1.5	N.S	Smooth grass/rushes: no rock, no trees	Undiff. bracken: rock, no trees
592	0.8	N.S	Undiff. Nardus/Molinia: no rock, no trees	Undiff. bracken: no rock, no trees
593	0.3	N.S	Undiff. bracken: no rock, no trees	Undiff. smooth grass.: no rock, no trees
596	2.3	N.S	Blanket bog/peat. veg.: no erosion, no trees	Blanket bog/peat. veg.: erosion, no trees
599	6.1	0.1	Blanket bog/peat. veg.: erosion, no trees	Undiff. montane veg.: rock
602	1.8	N.S	Blanket bog/peat. veg.: erosion, no trees	Undiff. montane veg.: no rock
603	6.4	0.1	Undiff. montane veg.: no rock	Blanket bog/peat. veg.: erosion, no trees
606	1.7	N.S	Smooth grass/rushes: rock, no trees	Imp. pasture: rock, no farms, no trees
607	73.0	1.6	Undiff. montane veg.: rock	Blanket bog/peat. veg.: erosion, no trees
608	0.3	N.S	Undiff. montane veg.: rock	Blanket bog/peat. veg.: no erosion, no trees
620	7.6	0.2	Undiff. montane veg.: no rock	Blanket bog/peat. veg.: no erosion, no trees
627	0.1	N.S	Blanket bog/peat. veg.: no erosion, no trees	Undiff. montane veg.: no rock
629	0.2	N.S	Recent ploughing for forestry	Undiff. mixed woodland (area)
632	17.6	0.4	Undiff. heather moor: rock, no burning, no trees	Rock and cliffs (area)
633	0.3	N.S	Undiff. smooth grass.: rock, trees	Blanket bog/peat. veg.: no erosion, no trees
634	57.3	1.2	Blanket bog/peat. veg.: erosion, no trees	Undiff. heather moor: rock, no burning, no trees
635	0.9	N.S	Imp. pasture: no rock, no farms, no trees	Smooth grass/rushes: rock, no trees
636	3.3	0.1	Undiff. heather moor: rock, no burning, no trees	Smooth grass/rushes: rock, no trees
637	3.9	0.1	Imp. pasture: rock, no farms, no trees	Smooth grass/rushes: rock, no trees
638	N.S	N.S	Undiff. salt marsh: no trees	Rock and cliffs (area)
639	0.4	N.S	Blanket bog/peat. veg.: other peat workings	Smooth grass/rushes: rock, no trees

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Table 7.4.3 Total audit of land cover features in Lochaber District in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
659	0.1	N.S	Undiff. bracken: no rock, no trees	Dry heather moor: no rock, no burning, no trees
683	0.3	N.S	Smooth grass/low scrub: rock, trees	Undiff. bracken: rock, trees
688	0.2	N.S	Blanket bog/peat. veg.: no erosion, no trees	Imp. pasture: no rock, no farms, no trees
689	1.0	N.S	Blanket bog/peat. veg.: erosion, no trees	Blanket bog/peat. veg.: no erosion, no trees
691	0.1	N.S	Smooth grass/low scrub: rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
697	0.1	N.S	Smooth grass/rushes: no rock, no trees	Wetlands: no drains, no trees
711	N.S	N.S	Undiff. broadleaved (area)	Smooth grass/low scrub: no rock, trees
716	1.2	N.S	Smooth grass/rushes: rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
721	14.4	0.3	Smooth grass/rushes: rock, no trees	Undiff. heather moor: rock, no burning, no trees
723	0.1	N.S	Bare dunes	Partially stabilized dunes
725	0.7	N.S	Blanket bog/peat. veg.: no erosion, no trees	Smooth grass/rushes: rock, no trees
726	0.4	N.S	Recent ploughing for forestry	Wet heather moor: rock, no burning, no trees
727	1.7	N.S	Blanket bog/peat. veg.: no erosion, no trees	Undiff. smooth grass.: no rock, no trees
736	87.6	1.9	Blanket bog/peat. veg.: erosion, no trees	Undiff. heather moor: no rock, no burning, no trees
737	13.7	0.3	Coniferous plantation (area)	Undiff. broadleaved (area)
738	0.2	N.S	Smooth grass/rushes: no rock, no trees	Undiff. heather moor: rock, no burning, no trees
739	0.5	N.S	Undiff. heather moor: rock, no burning, trees	Blanket bog/peat. veg.: erosion, trees
740	4.2	0.1	Undiff. heather moor: rock, no burning, trees	Undiff. Nardus/Molinia: rock, trees
741	4.2	0.1	Undiff. heather moor: no rock, no burning, trees	Undiff. Nardus/Molinia: no rock, trees
742	1.9	N.S	Undiff. bracken: rock, trees	Undiff. Nardus/Molinia: rock, trees
743	6.3	0.1	Undiff. Nardus/Molinia: rock, no trees	Blanket bog/peat. veg.: erosion, no trees
744	2.4	0.1	Rock and cliffs (area)	Undiff. heather moor: rock, no burning, no trees
745	0.7	N.S	Undiff. heather moor: rock, no burning, trees	Blanket bog/peat. veg.: no erosion, no trees
746	0.9	N.S	Dry heather moor: rock, no burning, trees	Undiff. bracken: rock, trees
757	0.7	N.S	Undiff. Nardus/Molinia: rock, trees	Undiff. smooth grass.: rock, trees
764	0.1	N.S	Imp. pasture: no rock, farms, no trees	Dry heather moor: rock, no burning, trees
765	0.4	N.S	Undiff. heather moor: rock, no burning, trees	Undiff. broadleaved (area)
766	0.2	N.S	Undiff. broadleaved (area)	Undiff. smooth grass.: rock, trees
767	0.3	N.S	Undiff. Nardus/Molinia: no rock, no trees	Rock and cliffs (area)
768	0.3	N.S	Undiff. mixed woodland (area)	Undiff. bracken: no rock, trees
769	0.3	N.S	Undiff. mixed woodland (area)	Undiff. smooth grass.: rock, trees
770	2.3	N.S	Undiff. heather moor: rock, no burning, trees	Undiff. bracken: rock, trees
771	5.6	0.1	Undiff. heather moor: rock, no burning, trees	Undiff. smooth grass.: rock, trees
772	N.S	N.S	Undiff. low scrub	Undiff. Nardus/Molinia: rock, trees
773	0.3	N.S	Recently felled forestry	Undiff. broadleaved (area)
774	1.3	N.S	Dry heather moor: rock, no burning, trees	Undiff. bracken: rock, no trees
775	0.1	N.S	Undiff. broadleaved (area)	Dry heather moor: rock, no burning, trees
776	0.1	N.S	Undiff. heather moor: rock, no burning, trees	Undiff. smooth grass.: no rock, trees
777	0.4	N.S	Undiff. broadleaved (area)	Undiff. bracken: rock, trees
781	0.1	N.S	Undiff. heather moor: no rock, no burning, no trees	Partially stabilized dunes
782	1.4	N.S	Undiff. broadleaved (area)	Undiff. heather moor: rock, no burning, no trees
783	3.6	0.1	Undiff. smooth grass.: rock, trees	Undiff. heather moor: rock, no burning, trees
784	N.S	N.S	Undiff. smooth grass.: rock, no trees	Undiff. heather moor: rock, no burning, trees
785	1.0	N.S	Undiff. heather moor: rock, no burning, trees	Undiff. smooth grass.: rock, no trees
786	N.S	N.S	Blanket bog/peat. veg.: no erosion, no trees	Undiff. smooth grass.: no rock, trees
787	9.9	0.2	Smooth grass/rushes: rock, no trees	Undiff. bracken: rock, no trees
788	3.6	0.1	Undiff. broadleaved (area)	Undiff. heather moor: rock, no burning, trees
789	0.1	N.S	Imp. pasture: no rock, no farms, trees	Undiff. smooth grass.: rock, trees
790	0.1	N.S	Smooth grass/rushes: rock, trees	Undiff. heather moor: rock, no burning, no trees
791	0.1	N.S	Imp. pasture: no rock, no farms, trees	Smooth grass/low scrub: no rock, trees

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Table 7.4.3 Total audit of land cover features in Lochaber District in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
792	0.2	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. smooth grass.: rock, trees
793	0.4	N.S	Imp. pasture: no rock, no farms, no trees	Links area: grass
794	0.1	N.S	Undiff. heather moor: rock, no burning, no trees	Links area: grass
795	0.1	N.S	Dry heather moor: no rock, burning, no trees	Undiff. bracken: rock, no trees
796	0.4	N.S	Undiff. broadleaved (area)	Dry heather moor: rock, no burning, no trees
797	0.1	N.S	Links area: grass	Undiff. smooth grass.: no rock, no trees
800	0.1	N.S	Undiff. heather moor: rock, no burning, trees	Blanket bog/peat. veg.: no erosion, trees
802	2.4	0.1	Open canopy (young plantation)	Recent ploughing for forestry
806	0.3	N.S	Undiff. low scrub	Blanket bog/peat. veg.: no erosion, no trees
810	0.1	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. mixed woodland (area)
831	0.8	N.S	Undiff. smooth grass.: rock, trees	Undiff. Nardus/Molinia: rock, trees
835	0.1	N.S	Undiff. smooth grass.: rock, trees	Undiff. bracken: rock, no trees
842	1.0	N.S	Smooth grass/rushes: rock, no trees	Undiff. Nardus/Molinia: rock, no trees
849	1.3	N.S	Smooth grass/rushes: no rock, no trees	Open canopy (young plantation)
850	0.6	N.S	Undiff. heather moor: rock, no burning, no trees	Smooth grass/rushes: no rock, no trees
851	0.5	N.S	Smooth grass/rushes: no rock, trees	Imp. pasture: no rock, farms, trees
852	1.4	N.S	Recently felled forestry	Recent ploughing for forestry
853	1.1	N.S	Recent ploughing for forestry	Undiff. broadleaved (point)
857	0.2	N.S	Undiff. heather moor: no rock, no burning, no trees	Smooth grass/low scrub: no rock, trees
858	N.S	N.S	Undiff. low scrub	Undiff. heather moor: no rock, no burning, trees
873	7.8	0.2	Undiff. montane veg.: rock	Undiff. heather moor: rock, no burning, no trees
878	0.1	N.S	Blanket bog/peat. veg.: no erosion, trees	Undiff. smooth grass.: no rock, trees
879	0.1	N.S	Undiff. smooth grass.: rock, trees	Undiff. heather moor: rock, no burning, no trees
880	0.7	N.S	Smooth grass/rushes: rock, trees	Undiff. bracken: rock, trees
881	0.1	N.S	Undiff. broadleaved (area)	Undiff. bracken: no rock, trees
882	0.1	N.S	Blanket bog/peat. veg.: no erosion, no trees	Undiff. smooth grass.: rock, trees
883	6.5	0.1	Open canopy (young plantation)	Undiff. broadleaved (area)
884	0.1	N.S	Blanket bog/peat. veg.: no erosion, no trees	Undiff. broadleaved (area)
885	1.7	N.S	Smooth grass/rushes: rock, no trees	Blanket bog/peat. veg.: erosion, no trees
886	0.7	N.S	Imp. pasture: no rock, farms, trees	Blanket bog/peat. veg.: no erosion, trees
887	0.2	N.S	Imp. pasture: no rock, farms, no trees	Smooth grass/rushes: rock, trees
889	1.2	N.S	Blanket bog/peat. veg.: no erosion, no trees	Wetlands: no drains, no trees
912	3.2	0.1	Undiff. heather moor: rock, no burning, no trees	Undiff. montane veg.: rock
925	0.8	N.S	Undiff. Nardus/Molinia: no rock, trees	Undiff. heather moor: no rock, no burning, trees
933	1.1	N.S	Undiff. heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
938	1.9	N.S	Blanket bog/peat. veg.: erosion, no trees	Smooth grass/rushes: no rock, no trees
939	0.8	N.S	Undiff. smooth grass.: rock, no trees	Blanket bog/peat. veg.: erosion, no trees
940	0.3	N.S	Undiff. heather moor: rock, no burning, trees	Rock and cliffs (area)
941	0.1	N.S	Undiff. Nardus/Molinia: rock, trees	Undiff. broadleaved (area)
942	0.1	N.S	Rock and cliffs (area)	Undiff. Nardus/Molinia: rock, no trees
943	1.0	N.S	Undiff. Nardus/Molinia: rock, trees	Rock and cliffs (area)
945	0.7	N.S	Undiff. broadleaved (area)	Rock and cliffs (area)
946	0.2	N.S	Undiff. broadleaved (area)	Undiff. Nardus/Molinia: rock, no trees
947	0.1	N.S	Undiff. bracken: rock, trees	Undiff. heather moor: rock, no burning, trees
952	1.0	N.S	Undiff. heather moor: no rock, no burning, trees	Blanket bog/peat. veg.: erosion, no trees
953	0.1	N.S	Undiff. smooth grass.: no rock, no trees	Blanket bog/peat. veg.: erosion, no trees
992	3.3	0.1	Smooth grass/rushes: no rock, no trees	Blanket bog/peat. veg.: erosion, no trees
993	0.1	N.S	Coniferous plantation (area)	Undiff. heather moor: no rock, no burning, no trees
1019	4.2	0.1	Imp. pasture: rock, no farms, no trees	Undiff. bracken: rock, no trees
1047	0.8	N.S	Undiff. smooth grass.: no rock, trees	Undiff. Nardus/Molinia: no rock, trees

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Table 7.4.3 Total audit of land cover features in Lochaber District in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
1059	0.2	N.S	Undiff. smooth grass.: no rock, trees	Undiff. smooth grass.: no rock, no trees
1067	1.9	N.S	Undiff. montane veg.: rock	Undiff. Nardus/Molinia: rock, no trees
1073	0.4	N.S	Undiff. heather moor: no rock, no burning, trees	Blanket bog/peat. veg.: no erosion, no trees
1087	3.0	0.1	Undiff. heather moor: rock, burning, no trees	Undiff. smooth grass.: rock, no trees
1118	0.1	N.S	Undiff. smooth grass.: no rock, trees	Undiff. heather moor: no rock, no burning, no trees
1193	0.7	N.S	Rock and cliffs (area)	Undiff. smooth grass.: rock, no trees
1203	0.4	N.S	Smooth grass/rushes: rock, no trees	Wetlands: no drains, no trees
1206	1.2	N.S	Smooth grass/rushes: rock, no trees	Imp. pasture: no rock, no farms, no trees
1211	0.3	N.S	Imp. pasture: rock, farms, no trees	Smooth grass/rushes: rock, no trees
1216	0.5	N.S	Undiff. bracken: rock, no trees	Smooth grass/rushes: rock, no trees
1239	0.1	N.S	Undiff. bracken: rock, no trees	Wetlands: no drains, no trees
1240	0.1	N.S	Undiff. broadleaved (area)	Open canopy (young plantation)
1244	1.8	N.S	Blanket bog/peat. veg.: erosion, no trees	Undiff. smooth grass.: rock, no trees
1247	0.9	N.S	Blanket bog/peat. veg.: erosion, no trees	Smooth grass/rushes: rock, no trees
1248	0.2	N.S	Undiff. broadleaved (area)	Smooth grass/rushes: rock, no trees
1280	N.S	N.S	Undiff. bracken: no rock, trees	Undiff. heather moor: no rock, no burning, trees
1289	0.1	N.S	Undiff. smooth grass.: no rock, no trees	Undiff. heather moor: rock, no burning, trees
1305	0.3	N.S	Undiff. broadleaved (area)	Recent ploughing for forestry
1307	0.3	N.S	Undiff. Nardus/Molinia: no rock, trees	Undiff. smooth grass.: no rock, trees
1313	0.1	N.S	Recent ploughing for forestry	Undiff. broadleaved (area)
1337	0.6	N.S	Dry heather moor: rock, no burning, no trees	Imp. pasture: no rock, no farms, no trees
1343	0.4	N.S	Built-up (area)	Undiff. broadleaved (area)
1357	0.2	N.S	Undiff. heather moor: no rock, no burning, trees	Undiff. bracken: no rock, trees
1359	0.2	N.S	Undiff. Nardus/Molinia: rock, trees	Undiff. heather moor: rock, no burning, trees
1360	0.1	N.S	Undiff. Nardus/Molinia: no rock, trees	Undiff. low scrub
1361	N.S	N.S	Undiff. Nardus/Molinia: rock, no trees	Undiff. montane veg.: rock
1362	0.2	N.S	Undiff. low scrub	Undiff. bracken: rock, trees
1363	0.1	N.S	Undiff. bracken: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
1368	0.1	N.S	Undiff. bracken: no rock, trees	Undiff. Nardus/Molinia: no rock, trees
1393	0.1	N.S	Wet heather moor: no rock, no burning, trees	Undiff. Nardus/Molinia: no rock, trees
1394	1.1	N.S	Imp. pasture: no rock, farms, trees	Smooth grass/low scrub: rock, trees
1401	0.1	N.S	Blanket bog/peat. veg.: erosion, no trees	Smooth grass/low scrub: no rock, no trees
1406	0.7	N.S	Imp. pasture: rock, farms, trees	Smooth grass/rushes: rock, no trees
1423	0.1	N.S	Undiff. smooth grass.: rock, no trees	Coniferous plantation (area)
1425	0.1	N.S	Undiff. heather moor: rock, no burning, trees	Blanket bog/peat. veg.: erosion, no trees
1431	0.1	N.S	Undiff. broadleaved (area)	Undiff. bracken: no rock, no trees
1432	0.4	N.S	Coniferous plantation (area)	Undiff. mixed woodland (area)
1433	0.8	N.S	Wetlands: no drains, no trees	Blanket bog/peat. veg.: erosion, no trees
1434	0.2	N.S	Rock and cliffs (area)	Undiff. heather moor: rock, no burning, trees
1435	0.1	N.S	Smooth grass/rushes: no rock, trees	Undiff. Nardus/Molinia: no rock, trees
1436	0.4	N.S	Smooth grass/low scrub: no rock, trees	Rhododendron scrub
1450	0.5	N.S	Undiff. Nardus/Molinia: rock, no trees	Undiff. smooth grass.: rock, trees
1453	0.1	N.S	Undiff. Nardus/Molinia: rock, trees	Undiff. bracken: rock, trees
1459	0.2	N.S	Coniferous plantation (area)	Recent ploughing for forestry
1460	0.6	N.S	Undiff. mixed woodland (area)	Recently felled forestry
TOTAL	4650.8	100.0		

Cover types		single feature		features in mosaics	
		area	%	primary	secondary
Open countryside					
A	Arable	76.7	18.0	0	0
B	Improved grassland	30.3	7.1	0.1	0
C	Good rough grassland	14.8	3.5	0.5	0.7
D	Poor rough grassland	0.8	0.2	0	0
E	Bracken	0.5	0.1	0	0.6
F	Heather moorland	71.1	16.7	30.6	0.2
G	Peatland	78.6	18.4	0.4	30.9
H	Montane	0.2	0.1	1.2	0
I	Rock and cliffs	0.2	0.1	0	0
Woodland					
J	Felled woodland	0.6	0.1	0	0
K	Recent planting	17.4	4.1	0	0
L	Coniferous plantation	65.5	15.4	0	0
M	Semi-natural coniferous	0	0	0	0
N	Mixed woodland	9.3	2.2	0.5	N.S
O	Broadleaved	16.3	3.8	0	0
P	Scrub	2.0	0.5	1.0	0.8
Wet ground					
Q	Fresh waters	0.7	0.2	0	0
R	Marshes	0.8	0.2	0	0.7
S	Saltmarshes	1.7	0.4	0	0
T	Dunes	0.2	N.S	0.1	0.4
U	Tidal waters	0	0	0	0
Developed					
V	Rural development	1.4	0.3	0	0
W	Urban	3.1	0.7	0	0
Other					
X	Missing photography/obscured land	0	0	0	0
SUBTOTAL		392.3	91.9		
Y	Mosaics of types above	34.4	8.1	34.4	34.4
DISTRICT TOTAL		426.7	100.0		

Nationally significant mosaics			area	%
FG	Heather moorland	Peatland	29.9	7.0
DF	Poor rough grassland	Heather moorland	0	0
CF	Good rough grassland	Heather moorland	0.3	0.1
GH	Peatland	Montane	1.2	0.3
CD	Good rough grassland	Poor rough grassland	0	0
BC	Improved grassland	Good rough grassland	0.1	N.S
CE	Good rough grassland	Bracken	0.2	0.1
DG	Poor rough grassland	Peatland	0	0
FH	Heather moorland	Montane	0	0
SUBTOTAL			31.7	7.4
Locally significant mosaics			area	%
NP	Mixed woodland	Scrub	0.5	0.1
PT	Scrub	Dunes	0.5	0.1
PR	Scrub	Marshes	0.4	0.1
EF	Bracken	Heather moorland	0.4	0.1
CR	Good rough grassland	Marshes	0.3	0.1
SUBTOTAL			2.1	0.5
Remaining mosaics			0.6	0.1
MOSAICS OF SUMMARY COVER TYPES			34.4	8.1

Table 7.5.1

Nairn District

Land cover summary categories

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not match the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05. Please refer to Figure 6.2 for guidance in the interpretation of this table.

Table 7.5.2 Total audit of land cover features in Nairn District in which all mosaics are allocated according to primary or secondary feature.

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05 sq km. Please refer to Figure 6.3 for guidance in the interpretation of this table.

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
3	0.1	0	0	Factory
5	0.9	0	0	Golf course
6	0.1	0	0	Cemeteries
7	0.2	0	0	Recreational land
10	0.2	0	0	Rock and cliffs (area)
12	0.1	0	0	Quarries and opencast (area)
18	0.7	0	0	Water (area)
20	3.1	0	0	Built-up (area)
70	65.5	0	0	Coniferous plantation (area)
76	16.3	0	0	Undiff. broadleaved (area)
79	9.3	0.5	N.S	Undiff. mixed woodland (area)
82	2.0	1.0	0.8	Undiff. low scrub
83	3.6	0	0	Recent ploughing for forestry
84	0.6	0	0	Recently felled forestry
85	13.8	0	0	Open canopy (young plantation)
86	N.S	0	0	Rhododendron scrub
90	29.8	0.1	0	Imp. pasture: no rock, no farms, no trees
91	0.3	0	0	Imp. pasture: no rock, no farms, trees
94	0.1	0	0	Imp. pasture: rock, no farms, no trees
96	0.1	0	0	Imp. pasture: rock, farms, no trees
100	76.7	0	0	Arable: no rock, no farms, no trees
110	12.5	4.2	0	Dry heather moor: no rock, no burning, no trees
111	2.8	1.0	0	Dry heather moor: no rock, no burning, trees
112	15.5	0	0	Dry heather moor: no rock, burning, no trees
113	0.3	0	0	Dry heather moor: no rock, burning, trees
114	0.7	0	0	Dry heather moor: rock, no burning, no trees
116	0.6	0	0	Dry heather moor: rock, burning, no trees
120	7.0	3.8	0	Wet heather moor: no rock, no burning, no trees
121	1.0	0.2	0	Wet heather moor: no rock, no burning, trees
122	0.9	0	0	Wet heather moor: no rock, burning, no trees
130	20.0	20.8	0.2	Undiff. heather moor: no rock, no burning, no trees
131	0.5	0.7	0	Undiff. heather moor: no rock, no burning, trees
132	8.4	0	0	Undiff. heather moor: no rock, burning, no trees
133	0.2	0	0	Undiff. heather moor: no rock, burning, trees
134	0.6	0	0	Undiff. heather moor: rock, no burning, no trees
140	0.7	0	0	Undiff. Nardus/Molinia: no rock, no trees
141	0.1	0	0	Undiff. Nardus/Molinia: no rock, trees
150	2.2	0	0.4	Smooth grass/rushes: no rock, no trees
151	0.5	0	0.2	Smooth grass/rushes: no rock, trees
155	4.7	0.3	0.1	Smooth grass/low scrub: no rock, no trees
156	2.9	0.2	0	Smooth grass/low scrub: no rock, trees
160	3.0	0	0	Undiff. smooth grass.: no rock, no trees
161	1.6	0	0	Undiff. smooth grass.: no rock, trees
170	0.1	0	0.1	Undiff. bracken: no rock, no trees

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Table 7.5.2 Total audit of land cover features in Nairn District in which all mosaics are allocated according to primary or secondary feature (continued).

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
171	0.5	0	0.5	Undiff. bracken: no rock, trees
180	22.3	0	2.3	Blanket bog/peat. veg.: erosion, no trees
182	51.9	0.4	27.9	Blanket bog/peat. veg.: no erosion, no trees
183	4.1	0	0.7	Blanket bog/peat. veg.: no erosion, trees
184	N.S	0	0	Blanket bog/peat. veg.: dubh lochans
185	N.S	0	0	Blanket bog/peat. veg.: industrial peat workings
186	0.2	0	0	Blanket bog/peat. veg.: other peat workings
190	1.7	0	0	Undiff. salt marsh: no trees
200	0.4	0	0.7	Wetlands: no drains, no trees
201	0.2	0	0	Wetlands: drains, no trees
202	0.2	0	0	Wetlands: no drains, trees
203	N.S	0	0	Wetlands: drains, trees
210	N.S	0	0	Bare dunes
211	0	0	0.1	Partially stabilized dunes
212	0.2	0.1	0.3	Links area: grass
222	0.1	1.2	0	Undiff. montane veg.: rock
223	0.1	0	0	Undiff. montane veg.: no rock
TOTAL	392.3	34.4	34.4	

Table 7.5.3 Total audit of land cover features in Nairn District in which all mosaics are separately identified.

All areas are expressed in square kilometres to 1 decimal place; all percentages are expressed as % of the total area; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05

code	area	%	description
3	0.1	N.S	Factory
5	0.9	0.2	Golf course
6	0.1	N.S	Cemeteries
7	0.2	0.1	Recreational land
10	0.2	0.1	Rock and cliffs (area)
12	0.1	N.S	Quarries and opencast (area)
18	0.7	0.2	Water (area)
20	3.1	0.7	Built-up (area)
70	65.5	15.4	Coniferous plantation (area)
76	16.3	3.8	Undiff. broadleaved (area)
79	9.3	2.2	Undiff. mixed woodland (area)
82	2.0	0.5	Undiff. low scrub
83	3.6	0.8	Recent ploughing for forestry
84	0.6	0.1	Recently felled forestry
85	13.8	3.2	Open canopy (young plantation)
86	N.S	N.S	Rhododendron scrub
90	29.8	7.0	Imp. pasture: no rock, no farms, no trees
91	0.3	0.1	Imp. pasture: no rock, no farms, trees
94	0.1	N.S	Imp. pasture: rock, no farms, no trees
96	0.1	N.S	Imp. pasture: rock, farms, no trees

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Table 7.5.3 Total audit of land cover features in Nairn District in which all mosaics are separately identified (continued).

code	area	%	description	
100	76.7	18.0	Arable: no rock, no farms, no trees	
110	12.5	2.9	Dry heather moor: no rock, no burning, no trees	
111	2.8	0.7	Dry heather moor: no rock, no burning, trees	
112	15.5	3.6	Dry heather moor: no rock, burning, no trees	
113	0.3	0.1	Dry heather moor: no rock, burning, trees	
114	0.7	0.2	Dry heather moor: rock, no burning, no trees	
116	0.6	0.1	Dry heather moor: rock, burning, no trees	
120	7.0	1.6	Wet heather moor: no rock, no burning, no trees	
121	1.0	0.2	Wet heather moor: no rock, no burning, trees	
122	0.9	0.2	Wet heather moor: no rock, burning, no trees	
130	20.0	4.7	Undiff. heather moor: no rock, no burning, no trees	
131	0.5	0.1	Undiff. heather moor: no rock, no burning, trees	
132	8.4	2.0	Undiff. heather moor: no rock, burning, no trees	
133	0.2	0.1	Undiff. heather moor: no rock, burning, trees	
134	0.6	0.1	Undiff. heather moor: rock, no burning, no trees	
140	0.7	0.2	Undiff. Nardus/Molinia: no rock, no trees	
141	0.1	N.S	Undiff. Nardus/Molinia: no rock, trees	
150	2.2	0.5	Smooth grass/rushes: no rock, no trees	
151	0.5	0.1	Smooth grass/rushes: no rock, trees	
155	4.7	1.1	Smooth grass/low scrub: no rock, no trees	
156	2.9	0.7	Smooth grass/low scrub: no rock, trees	
160	3.0	0.7	Undiff. smooth grass.: no rock, no trees	
161	1.6	0.4	Undiff. smooth grass.: no rock, trees	
170	0.1	N.S	Undiff. bracken: no rock, no trees	
171	0.5	0.1	Undiff. bracken: no rock, trees	
180	22.3	5.2	Blanket bog/peat. veg.: erosion, no trees	
182	51.9	12.2	Blanket bog/peat. veg.: no erosion, no trees	
183	4.1	0.9	Blanket bog/peat. veg.: no erosion, trees	
184	N.S	N.S	Blanket bog/peat. veg.: dubh lochans	
185	N.S	N.S	Blanket bog/peat. veg.: industrial peat workings	
186	0.2	0.1	Blanket bog/peat. veg.: other peat workings	
190	1.7	0.4	Undiff. salt marsh: no trees	
200	0.4	0.1	Wetlands: no drains, no trees	
201	0.2	N.S	Wetlands: drains, no trees	
202	0.2	N.S	Wetlands: no drains, trees	
203	N.S	N.S	Wetlands: drains, trees	
210	N.S	N.S	Bare dunes	
212	0.2	N.S	Links area: grass	
222	0.1	N.S	Undiff. montane veg.: rock	
223	0.1	N.S	Undiff. montane veg.: no rock	
code	area	%	primary feature	secondary feature
355	0.2	0.1	Blanket bog/peat. veg.: no erosion, no trees	Smooth grass/rushes: no rock, no trees
361	3.5	0.8	Wet heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
374	19.8	4.6	Undiff. heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
379	0.3	0.1	Smooth grass/low scrub: no rock, no trees	Wetlands: no drains, no trees
382	0.2	N.S	Blanket bog/peat. veg.: no erosion, no trees	Undiff. heather moor: no rock, no burning, no trees
409	0.1	N.S	Imp. pasture: no rock, no farms, no trees	Smooth grass/low scrub: no rock, no trees
437	0.1	N.S	Undiff. heather moor: no rock, no burning, no trees	Smooth grass/rushes: no rock, no trees

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Table 7.5.3 Total audit of land cover features in Nairn District in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
440	0.1	N.S	Smooth grass/low scrub: no rock, no trees	Undiff. bracken: no rock, no trees
472	0.2	N.S	Dry heather moor: no rock, no burning, no trees	Undiff. low scrub
476	4.0	0.9	Dry heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
477	0.9	0.2	Undiff. heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: erosion, no trees
498	0.1	N.S	Links area: grass	Undiff. low scrub
500	0.7	0.2	Undiff. heather moor: no rock, no burning, trees	Blanket bog/peat. veg.: no erosion, trees
512	0.2	N.S	Wet heather moor: no rock, no burning, trees	Smooth grass/rushes: no rock, trees
513	0.4	0.1	Dry heather moor: no rock, no burning, trees	Undiff. bracken: no rock, trees
533	0.2	N.S	Smooth grass/low scrub: no rock, trees	Undiff. bracken: no rock, trees
535	0.1	N.S	Dry heather moor: no rock, no burning, trees	Undiff. low scrub
536	0.6	0.1	Dry heather moor: no rock, no burning, trees	Blanket bog/peat. veg.: no erosion, no trees
537	0.5	0.1	Undiff. mixed woodland (area)	Undiff. low scrub
538	0.1	N.S	Undiff. low scrub	Smooth grass/rushes: no rock, no trees
547	N.S	N.S	Undiff. low scrub	Undiff. mixed woodland (area)
548	0.1	N.S	Undiff. low scrub	Partially stabilized dunes
550	0.4	0.1	Undiff. low scrub	Wetlands: no drains, no trees
556	0.3	0.1	Wet heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: erosion, no trees
581	0.3	0.1	Undiff. low scrub	Links area: grass
607	1.2	0.3	Undiff. montane veg.: rock	Blanket bog/peat. veg.: erosion, no trees
TOTAL	426.7	100.0		

Cover types		single feature		features in mosaics	
		area	%	primary	secondary
Open countryside					
A	Arable	323.9	6.3	N.S	N.S
B	Improved grassland	148.7	2.9	39.2	3.3
C	Good rough grassland	40.8	0.8	32.3	120.0
D	Poor rough grassland	1.9	N.S	13.2	27.8
E	Bracken	5.3	0.1	9.6	16.2
F	Heather moorland	815.2	15.8	1830.5	592.5
G	Peatland	289.4	5.6	388.9	1790.6
H	Montane	156.9	3.0	270.6	56.8
I	Rock and cliffs	37.9	0.7	5.8	0
Woodland					
J	Felled woodland	11.7	0.2	0	0.1
K	Recent planting	89.5	1.7	4.0	7.4
L	Coniferous plantation	289.2	5.6	7.6	0.7
M	Semi-natural coniferous	7.5	0.1	1.7	0
N	Mixed woodland	35.4	0.7	5.3	0.6
O	Broadleaved	63.7	1.2	7.8	2.3
P	Scrub	10.3	0.2	2.3	2.1
Wet ground					
Q	Fresh waters	180.2	3.5	0	0.1
R	Marshes	2.1	N.S	0.3	1.3
S	Saltmarshes	4.9	0.1	0	1.0
T	Dunes	6.9	0.1	4.9	1.2
U	Tidal waters	0.4	N.S	0	0
Developed					
V	Rural development	6.8	0.1	0	0
W	Urban	16.5	0.3	0	0
Other					
X	Missing photography/obscured land	7.0	0.1	0	0
SUBTOTAL		2552.1	49.3		
Y	Mosaics of types above	2623.9	50.7	2623.9	2623.9
DISTRICT TOTAL		5176.0	100.0		

Nationally significant mosaics			area	%
FG	Heather moorland	Peatland	2057.6	39.8
DF	Poor rough grassland	Heather moorland	33.0	0.6
CF	Good rough grassland	Heather moorland	84.4	1.6
GH	Peatland	Montane	106.6	2.1
CD	Good rough grassland	Poor rough grassland	0.1	N.S
BC	Improved grassland	Good rough grassland	32.3	0.6
CE	Good rough grassland	Bracken	13.5	0.3
DG	Poor rough grassland	Peatland	6.7	0.1
FH	Heather moorland	Montane	214.4	4.1
SUBTOTAL			2548.5	49.2
Locally significant mosaics			area	%
EF	Bracken	Heather moorland	11.1	0.2
BF	Improved grassland	Heather moorland	9.5	0.2
CG	Good rough grassland	Peatland	6.8	0.1
KL	Recent planting	Coniferous plantation	5.9	0.1
HI	Montane	Rock and cliffs	5.5	0.1
SUBTOTAL			38.8	0.7
Remaining mosaics			36.6	0.7
MOSAICS OF SUMMARY COVER TYPES			2623.9	50.7

Table 7.6.1

Ross & Cromarty District

Land cover summary categories

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not match the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05. Please refer to Figure 6.2 for guidance in the interpretation of this table.

Table 7.6.2 Total audit of land cover features in Ross & Cromarty District in which all mosaics are allocated according to primary or secondary feature.

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05 sq km. Please refer to Figure 6.3 for guidance in the interpretation of this table.

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
3	1.5	0	0	Factory
4	0.8	0	0	Airfield
5	2.1	0	0	Golf course
6	0.1	0	0	Cemeteries
7	0.7	0	0	Recreational land
10	37.9	5.8	0	Rock and cliffs (area)
12	1.6	0	0	Quarries and opencast (area)
14	0.1	0	0	Bings and refuse tips (area)
18	180.2	0	0.1	Water (area)
20	16.5	0	0	Built-up (area)
24	0.4	0	0	Estuary
26	6.8	0	0	Cloud cover
27	0.2	0	0	Snow cover
29	N.S	0	0	Built-up (line or point)
70	289.2	7.6	0.6	Coniferous plantation (area)
72	0	0	N.S	Coniferous plantation (point)
73	7.5	1.7	0	Coniferous semi-natural (area)
76	63.7	7.7	1.6	Undiff. broadleaved (area)
78	0	N.S	0.7	Undiff. broadleaved (point)
79	35.4	5.3	0.4	Undiff. mixed woodland (area)
81	0	0	0.2	Undiff. mixed woodland (point)
82	10.3	2.3	1.9	Undiff. low scrub
83	31.5	1.4	0	Recent ploughing for forestry
84	11.7	0	0.1	Recently felled forestry
85	57.0	2.5	7.4	Open canopy (young plantation)
86	0	0	0.2	Rhododendron scrub
87	1.0	0	0	Recent 'ripping' for forestry
90	143.5	28.4	3.1	Imp. pasture: no rock, no farms, no trees
91	2.4	0.5	0	Imp. pasture: no rock, no farms, trees
92	1.2	8.6	0	Imp. pasture: no rock, farms, no trees
93	0.7	0	0	Imp. pasture: no rock, farms, trees
94	0.2	0.2	0.1	Imp. pasture: rock, no farms, no trees
96	0.5	1.5	0.1	Imp. pasture: rock, farms, no trees
97	0.2	0	0	Imp. pasture: rock, farms, trees
100	322.8	N.S	N.S	Arable: no rock, no farms, no trees
101	0.1	0	0	Arable: no rock, no farms, trees
102	1.0	0	0	Arable: no rock, farms, no trees
110	26.0	2.3	1.4	Dry heather moor: no rock, no burning, no trees
111	3.2	2.1	1.0	Dry heather moor: no rock, no burning, trees
112	6.0	0	0	Dry heather moor: no rock, burning, no trees
113	0.4	0	0	Dry heather moor: no rock, burning, trees
114	16.1	4.0	0	Dry heather moor: rock, no burning, no trees
115	3.7	0.4	0	Dry heather moor: rock, no burning, trees
116	2.3	0.1	0	Dry heather moor: rock, burning, no trees
117	N.S	0	0	Dry heather moor: rock, burning, trees

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Table 7.6.2 Total audit of land cover features in Ross & Cromarty District in which all mosaics are allocated according to primary or secondary feature (continued).

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
120	61.7	575.3	219.7	Wet heather moor: no rock, no burning, no trees
121	0.1	0	0.8	Wet heather moor: no rock, no burning, trees
122	0.1	0	0	Wet heather moor: no rock, burning, no trees
124	39.8	788.2	45.9	Wet heather moor: rock, no burning, no trees
125	0.1	1.5	1.0	Wet heather moor: rock, no burning, trees
126	0.1	0	0	Wet heather moor: rock, burning, no trees
130	259.7	246.4	122.0	Undiff. heather moor: no rock, no burning, no trees
131	7.3	3.3	2.4	Undiff. heather moor: no rock, no burning, trees
132	26.4	1.9	0	Undiff. heather moor: no rock, burning, no trees
133	0.2	0	0	Undiff. heather moor: no rock, burning, trees
134	345.0	202.8	197.8	Undiff. heather moor: rock, no burning, no trees
135	3.7	1.9	0.5	Undiff. heather moor: rock, no burning, trees
136	13.4	0.4	0	Undiff. heather moor: rock, burning, no trees
140	1.1	10.9	21.0	Undiff. Nardus/Molinia: no rock, no trees
141	0.5	0	0.1	Undiff. Nardus/Molinia: no rock, trees
142	0.3	2.3	6.7	Undiff. Nardus/Molinia: rock, no trees
150	9.2	8.0	34.1	Smooth grass/rushes: no rock, no trees
151	0.8	0	0.3	Smooth grass/rushes: no rock, trees
152	0.1	0	1.1	Smooth grass/rushes: rock, no trees
155	10.7	3.9	6.2	Smooth grass/low scrub: no rock, no trees
156	9.5	2.4	4.0	Smooth grass/low scrub: no rock, trees
157	0.7	0	0.9	Smooth grass/low scrub: rock, no trees
158	0	0	0.9	Smooth grass/low scrub: rock, trees
160	6.2	9.7	36.9	Undiff. smooth grass.: no rock, no trees
161	2.7	1.3	1.2	Undiff. smooth grass.: no rock, trees
162	0.8	6.3	33.9	Undiff. smooth grass.: rock, no trees
163	0.2	0.7	0.5	Undiff. smooth grass.: rock, trees
170	2.6	4.5	11.5	Undiff. bracken: no rock, no trees
171	2.3	3.0	3.5	Undiff. bracken: no rock, trees
172	0.2	0.9	0.8	Undiff. bracken: rock, no trees
173	0.1	1.1	0.4	Undiff. bracken: rock, trees
180	188.6	261.2	778.5	Blanket bog/peat. veg.: erosion, no trees
182	93.1	125.3	1010.9	Blanket bog/peat. veg.: no erosion, no trees
183	1.5	0	0.1	Blanket bog/peat. veg.: no erosion, trees
184	2.1	0	0	Blanket bog/peat. veg.: dubh lochans
185	0.2	0	0	Blanket bog/peat. veg.: industrial peat workings
186	4.0	2.3	1.1	Blanket bog/peat. veg.: other peat workings
190	4.9	0	1.0	Undiff. salt marsh: no trees
200	1.4	0.1	0.9	Wetlands: no drains, no trees
201	N.S	0.2	0.3	Wetlands: drains, no trees
202	0.5	0.1	N.S	Wetlands: no drains, trees
203	0.2	0	0	Wetlands: drains, trees
210	0.4	0	0	Bare dunes
211	2.4	1.6	0	Partially stabilized dunes
212	2.5	2.6	0.5	Links area: grass
213	1.7	0.7	0.7	Links area: heath
222	128.7	255.0	42.7	Undiff. montane veg.: rock
223	28.2	15.6	14.1	Undiff. montane veg.: no rock
TOTAL	2552.1	2623.9	2623.9	

Table 7.6.3 Total audit of land cover features in Ross & Cromarty District in which all mosaics are separately identified.

All areas are expressed in square kilometres to 1 decimal place; all percentages are expressed as % of the total area; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05

code	area	%	description
3	1.5	N.S	Factory
4	0.8	N.S	Airfield
5	2.1	N.S	Golf course
6	0.1	N.S	Cemeteries
7	0.7	N.S	Recreational land
10	37.9	0.7	Rock and cliffs (area)
12	1.6	N.S	Quarries and opencast (area)
14	0.1	N.S	Bings and refuse tips (area)
18	180.2	3.5	Water (area)
20	16.5	0.3	Built-up (area)
24	0.4	N.S	Estuary
26	6.8	0.1	Cloud cover
27	0.2	N.S	Snow cover
29	N.S	N.S	Built-up (line or point)
70	289.2	5.6	Coniferous plantation (area)
73	7.5	0.1	Coniferous semi-natural (area)
76	63.7	1.2	Undiff. broadleaved (area)
79	35.4	0.7	Undiff. mixed woodland (area)
82	10.3	0.2	Undiff. low scrub
83	31.5	0.6	Recent ploughing for forestry
84	11.7	0.2	Recently felled forestry
85	57.0	1.1	Open canopy (young plantation)
87	1.0	N.S	Recent 'ripping' for forestry
90	143.5	2.8	Imp. pasture: no rock, no farms, no trees
91	2.4	N.S	Imp. pasture: no rock, no farms, trees
92	1.2	N.S	Imp. pasture: no rock, farms, no trees
93	0.7	N.S	Imp. pasture: no rock, farms, trees
94	0.2	N.S	Imp. pasture: rock, no farms, no trees
96	0.5	N.S	Imp. pasture: rock, farms, no trees
97	0.2	N.S	Imp. pasture: rock, farms, trees
100	322.8	6.2	Arable: no rock, no farms, no trees
101	0.1	N.S	Arable: no rock, no farms, trees
102	1.0	N.S	Arable: no rock, farms, no trees
110	26.0	0.5	Dry heather moor: no rock, no burning, no trees
111	3.2	0.1	Dry heather moor: no rock, no burning, trees
112	6.0	0.1	Dry heather moor: no rock, burning, no trees
113	0.4	N.S	Dry heather moor: no rock, burning, trees
114	16.1	0.3	Dry heather moor: rock, no burning, no trees
115	3.7	0.1	Dry heather moor: rock, no burning, trees
116	2.3	N.S	Dry heather moor: rock, burning, no trees
117	N.S	N.S	Dry heather moor: rock, burning, trees
120	61.7	1.2	Wet heather moor: no rock, no burning, no trees
121	0.1	N.S	Wet heather moor: no rock, no burning, trees
122	0.1	N.S	Wet heather moor: no rock, burning, no trees
124	39.8	0.8	Wet heather moor: rock, no burning, no trees
125	0.1	N.S	Wet heather moor: rock, no burning, trees
126	0.1	N.S	Wet heather moor: rock, burning, no trees
130	259.7	5.0	Undiff. heather moor: no rock, no burning, no trees

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Table 7.6.3 Total audit of land cover features in Ross & Cromarty District in which all mosaics are separately identified (continued).

code	area	%	description	
131	7.3	0.1	Undiff. heather moor: no rock, no burning, trees	
132	26.4	0.5	Undiff. heather moor: no rock, burning, no trees	
133	0.2	N.S	Undiff. heather moor: no rock, burning, trees	
134	345.0	6.7	Undiff. heather moor: rock, no burning, no trees	
135	3.7	0.1	Undiff. heather moor: rock, no burning, trees	
136	13.4	0.3	Undiff. heather moor: rock, burning, no trees	
140	1.1	N.S	Undiff. Nardus/Molinia: no rock, no trees	
141	0.5	N.S	Undiff. Nardus/Molinia: no rock, trees	
142	0.3	N.S	Undiff. Nardus/Molinia: rock, no trees	
150	9.2	0.2	Smooth grass/rushes: no rock, no trees	
151	0.8	N.S	Smooth grass/rushes: no rock, trees	
152	0.1	N.S	Smooth grass/rushes: rock, no trees	
155	10.7	0.2	Smooth grass/low scrub: no rock, no trees	
156	9.5	0.2	Smooth grass/low scrub: no rock, trees	
157	0.7	N.S	Smooth grass/low scrub: rock, no trees	
160	6.2	0.1	Undiff. smooth grass.: no rock, no trees	
161	2.7	0.1	Undiff. smooth grass.: no rock, trees	
162	0.8	N.S	Undiff. smooth grass.: rock, no trees	
163	0.2	N.S	Undiff. smooth grass.: rock, trees	
170	2.6	0.1	Undiff. bracken: no rock, no trees	
171	2.3	N.S	Undiff. bracken: no rock, trees	
172	0.2	N.S	Undiff. bracken: rock, no trees	
173	0.1	N.S	Undiff. bracken: rock, trees	
180	188.6	3.6	Blanket bog/peat. veg.: erosion, no trees	
182	93.1	1.8	Blanket bog/peat. veg.: no erosion, no trees	
183	1.5	N.S	Blanket bog/peat. veg.: no erosion, trees	
184	2.1	N.S	Blanket bog/peat. veg.: dubh lochans	
185	0.2	N.S	Blanket bog/peat. veg.: industrial peat workings	
186	4.0	0.1	Blanket bog/peat. veg.: other peat workings	
190	4.9	0.1	Undiff. salt marsh: no trees	
200	1.4	N.S	Wetlands: no drains, no trees	
201	N.S	N.S	Wetlands: drains, no trees	
202	0.5	N.S	Wetlands: no drains, trees	
203	0.2	N.S	Wetlands: drains, trees	
210	0.4	N.S	Bare dunes	
211	2.4	N.S	Partially stabilized dunes	
212	2.5	N.S	Links area: grass	
213	1.7	N.S	Links area: heath	
222	128.7	2.5	Undiff. montane veg.: rock	
223	28.2	0.5	Undiff. montane veg.: no rock	
code	area	%	primary feature	secondary feature
312	504.8	9.8	Wet heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
313	11.4	0.2	Blanket bog/peat. veg.: no erosion, no trees	Wet heather moor: rock, no burning, no trees
314	0.2	N.S	Imp. pasture: rock, no farms, no trees	Blanket bog/peat. veg.: other peat workings
316	0.1	N.S	Dry heather moor: rock, no burning, no trees	Undiff. bracken: rock, no trees
317	0.9	N.S	Undiff. smooth grass.: rock, no trees	Undiff. heather moor: rock, no burning, no trees
326	1.1	N.S	Dry heather moor: rock, no burning, no trees	Undiff. smooth grass.: rock, no trees
340	282.1	5.4	Wet heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: erosion, no trees
342	0.3	N.S	Blanket bog/peat. veg.: other peat workings	Blanket bog/peat. veg.: no erosion, no trees

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Table 7.6.3 Total audit of land cover features in Ross & Cromarty District in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
343	31.4	0.6	Blanket bog/peat. veg.: erosion, no trees	Wet heather moor: rock, no burning, no trees
351	1.3	N.S	Smooth grass/rushes: no rock, no trees	Wet heather moor: no rock, no burning, no trees
352	2.1	N.S	Wet heather moor: no rock, no burning, no trees	Smooth grass/rushes: no rock, no trees
353	19.2	0.4	Imp. pasture: no rock, no farms, no trees	Smooth grass/rushes: no rock, no trees
355	1.1	N.S	Blanket bog/peat. veg.: no erosion, no trees	Smooth grass/rushes: no rock, no trees
356	0.7	N.S	Undiff. smooth grass.: no rock, no trees	Smooth grass/rushes: no rock, no trees
358	62.9	1.2	Blanket bog/peat. veg.: no erosion, no trees	Wet heather moor: no rock, no burning, no trees
359	0.2	N.S	Undiff. heather moor: no rock, no burning, no trees	Imp. pasture: no rock, no farms, no trees
360	38.1	0.7	Undiff. heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
361	388.0	7.5	Wet heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
362	0.3	N.S	Undiff. heather moor: no rock, no burning, no trees	Undiff. bracken: no rock, no trees
363	0.3	N.S	Wet heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: other peat workings
364	4.0	0.1	Wet heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
365	0.3	N.S	Undiff. bracken: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
366	0.5	N.S	Undiff. heather moor: rock, no burning, no trees	Undiff. bracken: rock, no trees
369	2.8	0.1	Undiff. smooth grass.: no rock, no trees	Wet heather moor: no rock, no burning, no trees
370	0.4	N.S	Undiff. heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: other peat workings
372	1.9	N.S	Blanket bog/peat. veg.: other peat workings	Wet heather moor: no rock, no burning, no trees
374	71.6	1.4	Undiff. heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
379	0.3	N.S	Smooth grass/low scrub: no rock, no trees	Wetlands: no drains, no trees
380	0.1	N.S	Blanket bog/peat. veg.: other peat workings	Undiff. heather moor: no rock, no burning, no trees
382	43.4	0.8	Blanket bog/peat. veg.: no erosion, no trees	Undiff. heather moor: no rock, no burning, no trees
384	2.3	N.S	Blanket bog/peat. veg.: no erosion, no trees	Undiff. heather moor: rock, no burning, no trees
385	14.0	0.3	Undiff. heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
387	0.4	N.S	Smooth grass/low scrub: no rock, no trees	Smooth grass/rushes: no rock, no trees
389	1.1	N.S	Dry heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
390	2.0	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. smooth grass.: no rock, no trees
395	0.2	N.S	Smooth grass/rushes: no rock, no trees	Smooth grass/low scrub: no rock, no trees
396	30.5	0.6	Undiff. heather moor: rock, no burning, no trees	Undiff. smooth grass.: rock, no trees
399	2.0	N.S	Smooth grass/rushes: no rock, no trees	Imp. pasture: no rock, no farms, no trees
400	2.7	0.1	Undiff. smooth grass.: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
401	0.1	N.S	Undiff. smooth grass.: rock, no trees	Undiff. bracken: rock, no trees
406	0.8	N.S	Smooth grass/rushes: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
408	0.2	N.S	Undiff. heather moor: no rock, no burning, trees	Undiff. smooth grass.: no rock, trees
409	0.8	N.S	Imp. pasture: no rock, no farms, no trees	Smooth grass/low scrub: no rock, no trees
410	0.2	N.S	Undiff. smooth grass.: no rock, no trees	Imp. pasture: no rock, no farms, no trees
411	0.5	N.S	Undiff. smooth grass.: no rock, trees	Undiff. heather moor: no rock, no burning, trees
412	0.4	N.S	Undiff. heather moor: no rock, no burning, trees	Smooth grass/low scrub: no rock, trees
414	0.5	N.S	Undiff. Nardus/Molinia: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
415	1.5	N.S	Undiff. smooth grass.: no rock, no trees	Undiff. bracken: no rock, no trees
417	0.8	N.S	Undiff. heather moor: no rock, no burning, no trees	Smooth grass/low scrub: no rock, no trees
418	0.2	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. bracken: no rock, no trees
426	1.7	N.S	Smooth grass/rushes: no rock, no trees	Undiff. smooth grass.: no rock, no trees
432	0.1	N.S	Undiff. smooth grass.: no rock, trees	Dry heather moor: no rock, no burning, trees
436	1.9	N.S	Undiff. Nardus/Molinia: no rock, no trees	Blanket bog/peat. veg.: erosion, no trees
437	2.0	N.S	Undiff. heather moor: no rock, no burning, no trees	Smooth grass/rushes: no rock, no trees
438	0.7	N.S	Undiff. heather moor: no rock, burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
440	2.2	N.S	Smooth grass/low scrub: no rock, no trees	Undiff. bracken: no rock, no trees
442	15.5	0.3	Undiff. heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
446	0.9	N.S	Wet heather moor: rock, no burning, no trees	Undiff. smooth grass.: rock, no trees

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Table 7.6.3 Total audit of land cover features in Ross & Cromarty District in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
448	6.7	0.1	Undiff. heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: rock, no trees
449	1.5	N.S	Blanket bog/peat. veg.: no erosion, no trees	Undiff. Nardus/Molinia: no rock, no trees
454	0.6	N.S	Open canopy (young plantation)	Coniferous plantation (area)
460	0.9	N.S	Dry heather moor: no rock, no burning, no trees	Undiff. bracken: no rock, no trees
472	0.1	N.S	Dry heather moor: no rock, no burning, no trees	Undiff. low scrub
473	0.2	N.S	Dry heather moor: no rock, no burning, no trees	Smooth grass/low scrub: no rock, no trees
474	1.5	N.S	Blanket bog/peat. veg.: erosion, no trees	Undiff. Nardus/Molinia: no rock, no trees
476	0.1	N.S	Dry heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
477	137.6	2.7	Undiff. heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: erosion, no trees
481	0.2	N.S	Undiff. heather moor: rock, no burning, no trees	Undiff. smooth grass.: rock, trees
485	0.6	N.S	Undiff. Nardus/Molinia: no rock, no trees	Wet heather moor: no rock, no burning, no trees
487	0.3	N.S	Undiff. heather moor: no rock, no burning, trees	Smooth grass/rushes: no rock, trees
489	0.1	N.S	Smooth grass/low scrub: no rock, no trees	Dry heather moor: no rock, no burning, no trees
491	0.1	N.S	Dry heather moor: no rock, no burning, trees	Undiff. smooth grass.: no rock, trees
494	0.9	N.S	Undiff. Nardus/Molinia: rock, no trees	Undiff. heather moor: rock, no burning, no trees
500	0.1	N.S	Undiff. heather moor: no rock, no burning, trees	Blanket bog/peat. veg.: no erosion, trees
506	0.7	N.S	Links area: grass	Links area: heath
509	0.1	N.S	Coniferous plantation (area)	Recently felled forestry
510	0.7	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. heather moor: no rock, no burning, no trees
513	1.2	N.S	Dry heather moor: no rock, no burning, trees	Undiff. bracken: no rock, trees
518	6.3	0.1	Imp. pasture: no rock, farms, no trees	Smooth grass/rushes: no rock, no trees
521	1.5	N.S	Wet heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
524	1.0	N.S	Smooth grass/rushes: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
528	1.2	N.S	Undiff. smooth grass.: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
533	1.8	N.S	Smooth grass/low scrub: no rock, trees	Undiff. bracken: no rock, trees
534	0.1	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. low scrub
535	0.5	N.S	Dry heather moor: no rock, no burning, trees	Undiff. low scrub
537	0.2	N.S	Undiff. mixed woodland (area)	Undiff. low scrub
547	0.4	N.S	Undiff. low scrub	Undiff. mixed woodland (area)
549	0.1	N.S	Undiff. broadleaved (area)	Undiff. low scrub
551	0.3	N.S	Links area: heath	Undiff. low scrub
556	178.9	3.5	Wet heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: erosion, no trees
564	7.6	0.1	Undiff. Nardus/Molinia: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
565	140.9	2.7	Blanket bog/peat. veg.: erosion, no trees	Wet heather moor: no rock, no burning, no trees
566	5.3	0.1	Coniferous plantation (area)	Open canopy (young plantation)
569	0.7	N.S	Recent ploughing for forestry	Open canopy (young plantation)
571	1.5	N.S	Undiff. smooth grass.: rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
580	88.7	1.7	Undiff. heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: erosion, no trees
581	0.1	N.S	Undiff. low scrub	Links area: grass
583	0.9	N.S	Coniferous plantation (area)	Wet heather moor: rock, no burning, no trees
585	0.9	N.S	Undiff. bracken: rock, no trees	Smooth grass/low scrub: rock, no trees
586	0.2	N.S	Smooth grass/rushes: no rock, no trees	Undiff. bracken: no rock, no trees
593	0.9	N.S	Undiff. bracken: no rock, no trees	Undiff. smooth grass.: no rock, no trees
598	0.1	N.S	Wet heather moor: rock, no burning, no trees	Imp. pasture: rock, farms, no trees
599	10.6	0.2	Blanket bog/peat. veg.: erosion, no trees	Undiff. montane veg.: rock
602	7.3	0.1	Blanket bog/peat. veg.: erosion, no trees	Undiff. montane veg.: no rock
603	12.9	0.2	Undiff. montane veg.: no rock	Blanket bog/peat. veg.: erosion, no trees
607	72.5	1.4	Undiff. montane veg.: rock	Blanket bog/peat. veg.: erosion, no trees
611	0.2	N.S	Undiff. mixed woodland (area)	Rhododendron scrub
620	0.5	N.S	Undiff. montane veg.: no rock	Blanket bog/peat. veg.: no erosion, no trees

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Table 7.6.3 Total audit of land cover features in Ross & Cromarty District in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
627	2.8	0.1	Blanket bog/peat. veg.: no erosion, no trees	Undiff. montane veg.: no rock
628	2.2	N.S	Undiff. bracken: no rock, trees	Smooth grass/low scrub: no rock, trees
630	0.1	N.S	Dry heather moor: no rock, no burning, trees	Smooth grass/low scrub: no rock, trees
631	0.4	N.S	Undiff. smooth grass.: no rock, no trees	Dry heather moor: no rock, no burning, no trees
634	10.0	0.2	Blanket bog/peat. veg.: erosion, no trees	Undiff. heather moor: rock, no burning, no trees
640	4.0	0.1	Undiff. heather moor: no rock, no burning, no trees	Undiff. montane veg.: no rock
645	2.4	N.S	Undiff. bracken: no rock, no trees	Smooth grass/low scrub: no rock, no trees
652	0.6	N.S	Imp. pasture: no rock, no farms, no trees	Smooth grass/low scrub: no rock, trees
655	N.S	N.S	Arable: no rock, no farms, no trees	Smooth grass/low scrub: no rock, no trees
659	0.8	N.S	Undiff. bracken: no rock, no trees	Dry heather moor: no rock, no burning, no trees
668	0.2	N.S	Undiff. Nardus/Molinia: no rock, no trees	Imp. pasture: no rock, no farms, no trees
670	0.1	N.S	Wet heather moor: no rock, no burning, no trees	Imp. pasture: rock, no farms, no trees
676	0.4	N.S	Undiff. broadleaved (area)	Smooth grass/rushes: no rock, no trees
690	0.2	N.S	Blanket bog/peat. veg.: erosion, no trees	Blanket bog/peat. veg.: other peat workings
693	0.4	N.S	Wet heather moor: no rock, no burning, no trees	Imp. pasture: no rock, no farms, no trees
699	0.2	N.S	Wet heather moor: rock, no burning, no trees	Smooth grass/rushes: no rock, no trees
711	0.4	N.S	Undiff. broadleaved (area)	Smooth grass/low scrub: no rock, trees
736	58.7	1.1	Blanket bog/peat. veg.: erosion, no trees	Undiff. heather moor: no rock, no burning, no trees
741	0.1	N.S	Undiff. heather moor: no rock, no burning, trees	Undiff. Nardus/Molinia: no rock, trees
743	1.2	N.S	Undiff. Nardus/Molinia: rock, no trees	Blanket bog/peat. veg.: erosion, no trees
745	0.3	N.S	Undiff. heather moor: rock, no burning, trees	Blanket bog/peat. veg.: no erosion, no trees
746	0.4	N.S	Dry heather moor: rock, no burning, trees	Undiff. bracken: rock, trees
748	0.3	N.S	Partially stabilized dunes	Undiff. low scrub
751	2.9	0.1	Undiff. broadleaved (area)	Undiff. smooth grass.: no rock, no trees
756	0.3	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. smooth grass.: no rock, trees
771	0.3	N.S	Undiff. heather moor: rock, no burning, trees	Undiff. smooth grass.: rock, trees
782	1.6	N.S	Undiff. broadleaved (area)	Undiff. heather moor: rock, no burning, no trees
784	0.3	N.S	Undiff. smooth grass.: rock, no trees	Undiff. heather moor: rock, no burning, trees
785	0.6	N.S	Undiff. heather moor: rock, no burning, trees	Undiff. smooth grass.: rock, no trees
798	0.6	N.S	Smooth grass/low scrub: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
807	0.1	N.S	Undiff. low scrub	Dry heather moor: no rock, no burning, no trees
816	4.6	0.1	Imp. pasture: no rock, no farms, no trees	Wet heather moor: no rock, no burning, no trees
819	0.3	N.S	Smooth grass/rushes: no rock, no trees	Wetlands: drains, no trees
821	0.9	N.S	Imp. pasture: no rock, farms, no trees	Smooth grass/rushes: rock, no trees
840	0.5	N.S	Undiff. low scrub	Undiff. bracken: no rock, no trees
843	0.1	N.S	Dry heather moor: rock, burning, no trees	Undiff. bracken: rock, no trees
846	0.1	N.S	Undiff. bracken: no rock, trees	Smooth grass/low scrub: no rock, no trees
853	0.4	N.S	Recent ploughing for forestry	Undiff. broadleaved (point)
860	1.1	N.S	Undiff. heather moor: no rock, burning, no trees	Blanket bog/peat. veg.: erosion, no trees
861	0.1	N.S	Undiff. bracken: no rock, no trees	Undiff. low scrub
869	0.9	N.S	Undiff. bracken: rock, trees	Smooth grass/low scrub: rock, trees
870	0.3	N.S	Undiff. low scrub	Undiff. broadleaved (point)
871	0.1	N.S	Partially stabilized dunes	Wetlands: no drains, no trees
872	1.0	N.S	Partially stabilized dunes	Smooth grass/low scrub: no rock, no trees
873	180.5	3.5	Undiff. montane veg.: rock	Undiff. heather moor: rock, no burning, no trees
874	N.S	N.S	Dry heather moor: no rock, no burning, no trees	Undiff. heather moor: rock, no burning, trees
875	N.S	N.S	Undiff. low scrub	Coniferous plantation (area)
890	2.2	N.S	Undiff. montane veg.: no rock	Undiff. heather moor: no rock, no burning, no trees
891	1.0	N.S	Undiff. montane veg.: rock	Undiff. heather moor: no rock, no burning, no trees
897	N.S	N.S	Undiff. low scrub	Arable: no rock, no farms, no trees

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Table 7.6.3 Total audit of land cover features in Ross & Cromarty District in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
900	0.3	N.S	Coniferous semi-natural (area)	Undiff. heather moor: no rock, no burning, trees
903	0.2	N.S	Wetlands: drains, no trees	Smooth grass/rushes: no rock, no trees
912	26.6	0.5	Undiff. heather moor: rock, no burning, no trees	Undiff. montane veg.: rock
923	5.1	0.1	Undiff. heather moor: rock, no burning, no trees	Undiff. bracken: no rock, no trees
924	0.4	N.S	Undiff. heather moor: rock, burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
931	0.1	N.S	Dry heather moor: no rock, no burning, trees	Open canopy (young plantation)
938	0.5	N.S	Blanket bog/peat. veg.: erosion, no trees	Smooth grass/rushes: no rock, no trees
939	0.7	N.S	Undiff. smooth grass.: rock, no trees	Blanket bog/peat. veg.: erosion, no trees
947	0.2	N.S	Undiff. bracken: rock, trees	Undiff. heather moor: rock, no burning, trees
992	0.4	N.S	Smooth grass/rushes: no rock, no trees	Blanket bog/peat. veg.: erosion, no trees
993	0.2	N.S	Coniferous plantation (area)	Undiff. heather moor: no rock, no burning, no trees
995	2.7	0.1	Undiff. smooth grass.: rock, no trees	Undiff. heather moor: no rock, no burning, no trees
1009	N.S	N.S	Undiff. low scrub	Dry heather moor: no rock, no burning, trees
1016	2.6	0.1	Dry heather moor: rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
1024	0.4	N.S	Undiff. bracken: no rock, trees	Dry heather moor: no rock, no burning, trees
1026	0.4	N.S	Smooth grass/low scrub: no rock, trees	Dry heather moor: no rock, no burning, trees
1036	0.5	N.S	Undiff. mixed woodland (area)	Undiff. smooth grass.: no rock, no trees
1048	0.4	N.S	Smooth grass/low scrub: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
1060	0.1	N.S	Undiff. Nardus/Molinia: rock, no trees	Smooth grass/rushes: rock, no trees
1071	0.1	N.S	Undiff. smooth grass.: rock, no trees	Undiff. broadleaved (area)
1079	N.S	N.S	Wetlands: no drains, trees	Smooth grass/low scrub: no rock, trees
1095	0.1	N.S	Undiff. smooth grass.: no rock, no trees	Undiff. broadleaved (area)
1098	0.5	N.S	Undiff. broadleaved (area)	Undiff. smooth grass.: no rock, trees
1109	1.0	N.S	Undiff. heather moor: no rock, no burning, trees	Undiff. broadleaved (area)
1111	0.1	N.S	Undiff. broadleaved (area)	Wet heather moor: no rock, no burning, no trees
1112	0.1	N.S	Dry heather moor: rock, no burning, no trees	Undiff. smooth grass.: no rock, trees
1113	0.4	N.S	Rock and cliffs (area)	Wetlands: no drains, no trees
1118	0.6	N.S	Undiff. smooth grass.: no rock, trees	Undiff. heather moor: no rock, no burning, no trees
1122	6.4	0.1	Undiff. heather moor: rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
1123	0.3	N.S	Coniferous plantation (area)	Wet heather moor: no rock, no burning, no trees
1124	1.5	N.S	Imp. pasture: rock, farms, no trees	Wet heather moor: no rock, no burning, no trees
1150	0.8	N.S	Links area: grass	Undiff. salt marsh: no trees
1151	1.0	N.S	Links area: grass	Smooth grass/rushes: no rock, no trees
1152	0.4	N.S	Links area: heath	Links area: grass
1153	0.2	N.S	Partially stabilized dunes	Undiff. salt marsh: no trees
1164	1.3	N.S	Undiff. mixed woodland (area)	Open canopy (young plantation)
1167	N.S	N.S	Undiff. low scrub	Undiff. heather moor: no rock, no burning, no trees
1168	0.1	N.S	Blanket bog/peat. veg.: erosion, no trees	Undiff. low scrub
1171	N.S	N.S	Undiff. low scrub	Coniferous plantation (point)
1176	0.1	N.S	Links area: grass	Smooth grass/low scrub: no rock, no trees
1178	0.5	N.S	Undiff. low scrub	Undiff. bracken: no rock, trees
1181	0.4	N.S	Open canopy (young plantation)	Undiff. heather moor: no rock, no burning, no trees
1182	0.6	N.S	Undiff. heather moor: rock, no burning, trees	Undiff. bracken: no rock, no trees
1183	0.4	N.S	Coniferous semi-natural (area)	Wet heather moor: no rock, no burning, no trees
1186	1.3	N.S	Imp. pasture: no rock, farms, no trees	Wet heather moor: no rock, no burning, no trees
1187	1.5	N.S	Wet heather moor: rock, no burning, trees	Blanket bog/peat. veg.: no erosion, no trees
1188	0.1	N.S	Partially stabilized dunes	Wet heather moor: no rock, no burning, no trees
1201	0.8	N.S	Undiff. broadleaved (area)	Undiff. smooth grass.: rock, no trees
1205	0.1	N.S	Wetlands: no drains, no trees	Smooth grass/rushes: no rock, no trees
1280	0.3	N.S	Undiff. bracken: no rock, trees	Undiff. heather moor: no rock, no burning, trees

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Table 7.6.3 Total audit of land cover features in Ross & Cromarty District in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
1281	1.0	N.S	Open canopy (young plantation)	Undiff. heather moor: rock, no burning, no trees
1287	0.2	N.S	Undiff. smooth grass.: rock, trees	Wet heather moor: no rock, no burning, no trees
1313	0.3	N.S	Recent ploughing for forestry	Undiff. broadleaved (area)
1345	0.2	N.S	Undiff. low scrub	Undiff. mixed woodland (point)
1400	0.1	N.S	Coniferous plantation (area)	Smooth grass/low scrub: no rock, trees
1407	5.5	0.1	Rock and cliffs (area)	Undiff. montane veg.: rock
1408	1.8	N.S	Undiff. mixed woodland (area)	Wet heather moor: rock, no burning, no trees
1409	0.6	N.S	Undiff. mixed woodland (area)	Undiff. heather moor: rock, no burning, no trees
1410	0.8	N.S	Undiff. broadleaved (area)	Undiff. heather moor: no rock, no burning, trees
1411	0.3	N.S	Coniferous plantation (area)	Wet heather moor: no rock, no burning, trees
1414	1.0	N.S	Undiff. montane veg.: rock	Undiff. Nardus/Molinia: no rock, no trees
1415	0.5	N.S	Coniferous plantation (area)	Blanket bog/peat. veg.: erosion, no trees
1416	0.5	N.S	Imp. pasture: no rock, no farms, trees	Wet heather moor: no rock, no burning, trees
1418	0.6	N.S	Undiff. mixed woodland (area)	Wet heather moor: no rock, no burning, no trees
1419	N.S	N.S	Coniferous semi-natural (area)	Wet heather moor: no rock, no burning, trees
1420	1.0	N.S	Coniferous semi-natural (area)	Wet heather moor: rock, no burning, trees
1421	0.1	N.S	Undiff. smooth grass.: no rock, trees	Blanket bog/peat. veg.: no erosion, no trees
1422	0.1	N.S	Wet heather moor: rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
1440	0.5	N.S	Open canopy (young plantation)	Wet heather moor: rock, no burning, no trees
1445	N.S	N.S	Undiff. heather moor: rock, no burning, trees	Undiff. smooth grass.: no rock, no trees
1446	0.1	N.S	Undiff. heather moor: rock, no burning, trees	Smooth grass/low scrub: no rock, trees
1448	0.5	N.S	Undiff. smooth grass.: rock, trees	Undiff. heather moor: no rock, no burning, trees
1452	0.7	N.S	Undiff. heather moor: no rock, no burning, trees	Undiff. smooth grass.: no rock, no trees
1469	0.1	N.S	Wetlands: no drains, trees	Water (area)
1470	0.1	N.S	Undiff. broadleaved (area)	Undiff. heather moor: no rock, no burning, no trees
1471	0.4	N.S	Undiff. heather moor: no rock, no burning, trees	Smooth grass/low scrub: no rock, no trees
1491	N.S	N.S	Smooth grass/low scrub: no rock, trees	Wetlands: no drains, trees
1492	N.S	N.S	Undiff. broadleaved (point)	Undiff. low scrub
1498	0.1	N.S	Dry heather moor: no rock, no burning, trees	Smooth grass/low scrub: no rock, no trees
1499	0.2	N.S	Smooth grass/low scrub: no rock, trees	Wetlands: no drains, no trees
1501	N.S	N.S	Wetlands: no drains; no trees	Undiff. broadleaved (area)
TOTAL	5176.0	100.0		

Cover types		single feature		features in mosaics	
		area	%	primary	secondary
Open countryside					
A	Arable	0	0	0	0
B	Improved grassland	93.0	3.4	28.0	10.9
C	Good rough grassland	138.0	5.1	76.1	132.9
D	Poor rough grassland	17.5	0.6	50.6	206.0
E	Bracken	0.6	N.S	5.1	12.2
F	Heather moorland	179.2	6.6	843.4	726.4
G	Peatland	86.2	3.2	631.8	598.6
H	Montane	127.1	4.7	78.0	17.2
I	Rock and cliffs	86.0	3.2	1.1	1.3
Woodland					
J	Felled woodland	7.9	0.3	1.6	0
K	Recent planting	88.8	3.3	7.5	5.9
L	Coniferous plantation	84.1	3.1	10.1	4.1
M	Semi-natural coniferous	0	0	0	0
N	Mixed woodland	10.7	0.4	1.6	0
O	Broadleaved	25.2	0.9	0.8	3.3
P	Scrub	N.S	N.S	0	4.8
Wet ground					
Q	Fresh waters	31.8	1.2	0	0
R	Marshes	3.9	0.1	0	0
S	Saltmarshes	1.3	N.S	0	0
T	Dunes	0	0	0	0
U	Tidal waters	0	0	0	0
Developed					
V	Rural development	0.7	N.S	0	0
W	Urban	3.3	0.1	0	0
Other					
X	Missing photography/obscured land	4.5	0.2	0	12.1
SUBTOTAL		990.1	36.3		
Y	Mosaics of types above	1735.7	63.7	1735.7	1735.7
DISTRICT TOTAL		2725.8	100.0		

Nationally significant mosaics			area	%
FG	Heather moorland	Peatland	1148.9	42.1
DF	Poor rough grassland	Heather moorland	230.0	8.4
CF	Good rough grassland	Heather moorland	145.3	5.3
GH	Peatland	Montane	45.4	1.7
CD	Good rough grassland	Poor rough grassland	4.4	0.2
BC	Improved grassland	Good rough grassland	35.2	1.3
CE	Good rough grassland	Bracken	9.0	0.3
DG	Poor rough grassland	Peatland	20.7	0.8
FH	Heather moorland	Montane	31.1	1.1
SUBTOTAL			1670.1	61.3
Locally significant mosaics			area	%
CG	Good rough grassland	Peatland	12.4	0.5
HX	Montane	Missing photography/obscured land	12.1	0.4
EF	Bracken	Heather moorland	8.2	0.3
KL	Recent planting	Coniferous plantation	6.0	0.2
LP	Coniferous plantation	Scrub	4.5	0.2
SUBTOTAL			43.2	1.6
Remaining mosaics			22.5	0.8
MOSAICS OF SUMMARY COVER TYPES			1735.7	63.7

Table 7.7.1

Skye & Lochalsh District

Land cover summary categories

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not match the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05. Please refer to Figure 6.2 for guidance in the interpretation of this table.

Table 7.7.2 Total audit of land cover features in Skye & Lochalsh District in which all mosaics are allocated according to primary or secondary feature.

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05 sq km. Please refer to Figure 6.3 for guidance in the interpretation of this table.

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
3	N.S	0	0	Factory
4	0.2	0	0	Airfield
5	0.1	0	0	Golf course
7	N.S	0	0	Recreational land
10	86.0	1.1	1.3	Rock and cliffs (area)
12	0.3	0	0	Quarries and opencast (area)
14	N.S	0	0	Bings and refuse tips (area)
18	31.8	0	0	Water (area)
20	3.3	0	0	Built-up (area)
26	0.5	0	0	Cloud cover
27	4.0	0	12.1	Snow cover
70	84.1	10.1	4.1	Coniferous plantation (area)
76	24.7	0.8	3.3	Undiff. broadleaved (area)
78	0.6	0	0	Undiff. broadleaved (point)
79	10.7	1.6	0	Undiff. mixed woodland (area)
82	N.S	0	0.2	Undiff. low scrub
83	58.2	3.4	0	Recent ploughing for forestry
84	7.9	1.6	0	Recently felled forestry
85	30.6	4.0	5.9	Open canopy (young plantation)
86	0	0	4.6	Rhododendron scrub
90	24.8	24.4	8.7	Imp. pasture: no rock, no farms, no trees
91	0.7	0	0	Imp. pasture: no rock, no farms, trees
92	18.6	1.9	0	Imp. pasture: no rock, farms, no trees
93	2.6	0.9	0	Imp. pasture: no rock, farms, trees
94	33.6	0.9	2.0	Imp. pasture: rock, no farms, no trees
95	0.8	0	0	Imp. pasture: rock, no farms, trees
96	8.4	0	0	Imp. pasture: rock, farms, no trees
97	3.6	0	0.2	Imp. pasture: rock, farms, trees
110	0	0.4	0	Dry heather moor: no rock, no burning, no trees
114	23.3	18.6	7.9	Dry heather moor: rock, no burning, no trees
115	0.1	0	1.6	Dry heather moor: rock, no burning, trees
120	0	4.9	45.3	Wet heather moor: no rock, no burning, no trees
124	118.3	265.7	536.3	Wet heather moor: rock, no burning, no trees
125	1.9	0	0	Wet heather moor: rock, no burning, trees
130	1.8	142.8	30.6	Undiff. heather moor: no rock, no burning, no trees
131	0	0.4	0	Undiff. heather moor: no rock, no burning, trees
134	33.5	405.1	102.4	Undiff. heather moor: rock, no burning, no trees
135	0.3	5.3	2.2	Undiff. heather moor: rock, no burning, trees
140	5.2	15.8	38.8	Undiff. Nardus/Molinia: no rock, no trees
141	0	0	0.1	Undiff. Nardus/Molinia: no rock, trees
142	12.3	34.8	166.7	Undiff. Nardus/Molinia: rock, no trees
143	0.1	0	0.4	Undiff. Nardus/Molinia: rock, trees
150	4.5	9.5	31.4	Smooth grass/rushes: no rock, no trees
151	0.2	0	0	Smooth grass/rushes: no rock, trees

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Table 7.7.2 Total audit of land cover features in Skye & Lochalsh District in which all mosaics are allocated according to primary or secondary feature (continued).

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
152	1.5	8.0	1.9	Smooth grass/rushes: rock, no trees
153	0.1	0	0	Smooth grass/rushes: rock, trees
155	0.1	0	0	Smooth grass/low scrub: no rock, no trees
156	0.1	0	0.4	Smooth grass/low scrub: no rock, trees
157	0.1	0	0.4	Smooth grass/low scrub: rock, no trees
158	0.1	1.0	0.2	Smooth grass/low scrub: rock, trees
160	8.2	8.5	2.0	Undiff. smooth grass.: no rock, no trees
161	0.5	0.3	0.5	Undiff. smooth grass.: no rock, trees
162	118.3	47.2	92.6	Undiff. smooth grass.: rock, no trees
163	3.9	1.3	2.7	Undiff. smooth grass.: rock, trees
170	0	0.1	2.3	Undiff. bracken: no rock, no trees
171	0	0	0.3	Undiff. bracken: no rock, trees
172	0	3.3	9.0	Undiff. bracken: rock, no trees
173	0.6	1.7	0.7	Undiff. bracken: rock, trees
180	13.7	105.9	316.9	Blanket bog/peat. veg.: erosion, no trees
182	67.0	525.9	280.7	Blanket bog/peat. veg.: no erosion, no trees
184	0.6	0	0	Blanket bog/peat. veg.: dubh lochans
186	4.9	0	1.0	Blanket bog/peat. veg.: other peat workings
190	1.3	0	0	Undiff. salt marsh: no trees
191	0.5	0.3	0.8	Maritime grassland: no trees
200	0.7	0	0	Wetlands: no drains, no trees
201	3.2	0	0	Wetlands: drains, no trees
202	N.S	0	0	Wetlands: no drains, trees
221	0.1	0	0	recoded as 180
222	123.5	67.6	5.9	Undiff. montane veg.: rock
223	3.5	10.5	11.3	Undiff. montane veg.: no rock
TOTAL	990.1	1735.7	1735.7	

Table 7.7.3 Total audit of land cover features in Skye & Lochalsh District in which all mosaics are separately identified.

All areas are expressed in square kilometres to 1 decimal place; all percentages are expressed as % of the total area; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05

code	area	%	description
3	N.S	N.S	Factory
4	0.2	N.S	Airfield
5	0.1	N.S	Golf course
7	N.S	N.S	Recreational land
10	86.0	3.2	Rock and cliffs (area)
12	0.3	N.S	Quarries and opencast (area)
14	N.S	N.S	Bings and refuse tips (area)
18	31.8	1.2	Water (area)
20	3.3	0.1	Built-up (area)
26	0.5	N.S	Cloud cover
27	4.0	0.1	Snow cover
70	84.1	3.1	Coniferous plantation (area)

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Table 7.7.3 Total audit of land cover features in Skye & Lochalsh District in which all mosaics are separately identified (continued).

code	area	%	description
76	24.7	0.9	Undiff. broadleaved (area)
78	0.6	N.S	Undiff. broadleaved (point)
79	10.7	0.4	Undiff. mixed woodland (area)
82	N.S	N.S	Undiff. low scrub
83	58.2	2.1	Recent ploughing for forestry
84	7.9	0.3	Recently felled forestry
85	30.6	1.1	Open canopy (young plantation)
90	24.8	0.9	Imp. pasture: no rock, no farms, no trees
91	0.7	N.S	Imp. pasture: no rock, no farms, trees
92	18.6	0.7	Imp. pasture: no rock, farms, no trees
93	2.6	0.1	Imp. pasture: no rock, farms, trees
94	33.6	1.2	Imp. pasture: rock, no farms, no trees
95	0.8	N.S	Imp. pasture: rock, no farms, trees
96	8.4	0.3	Imp. pasture: rock, farms, no trees
97	3.6	0.1	Imp. pasture: rock, farms, trees
114	23.3	0.9	Dry heather moor: rock, no burning, no trees
115	0.1	N.S	Dry heather moor: rock, no burning, trees
124	118.3	4.3	Wet heather moor: rock, no burning, no trees
125	1.9	0.1	Wet heather moor: rock, no burning, trees
130	1.8	0.1	Undiff. heather moor: no rock, no burning, no trees
134	33.5	1.2	Undiff. heather moor: rock, no burning, no trees
135	0.3	N.S	Undiff. heather moor: rock, no burning, trees
140	5.2	0.2	Undiff. Nardus/Molinia: no rock, no trees
142	12.3	0.5	Undiff. Nardus/Molinia: rock, no trees
143	0.1	N.S	Undiff. Nardus/Molinia: rock, trees
150	4.5	0.2	Smooth grass/rushes: no rock, no trees
151	0.2	N.S	Smooth grass/rushes: no rock, trees
152	1.5	0.1	Smooth grass/rushes: rock, no trees
153	0.1	N.S	Smooth grass/rushes: rock, trees
155	0.1	N.S	Smooth grass/low scrub: no rock, no trees
156	0.1	N.S	Smooth grass/low scrub: no rock, trees
157	0.1	N.S	Smooth grass/low scrub: rock, no trees
158	0.1	N.S	Smooth grass/low scrub: rock, trees
160	8.2	0.3	Undiff. smooth grass.: no rock, no trees
161	0.5	N.S	Undiff. smooth grass.: no rock, trees
162	118.3	4.3	Undiff. smooth grass.: rock, no trees
163	3.9	0.1	Undiff. smooth grass.: rock, trees
173	0.6	N.S	Undiff. bracken: rock, trees
180	13.7	0.5	Blanket bog/peat. veg.: erosion, no trees
182	67.0	2.5	Blanket bog/peat. veg.: no erosion, no trees
184	0.6	N.S	Blanket bog/peat. veg.: dubh lochans
186	4.9	0.2	Blanket bog/peat. veg.: other peat workings
190	1.3	N.S	Undiff. salt marsh: no trees
191	0.5	N.S	Maritime grassland: no trees
200	0.7	N.S	Wetlands: no drains, no trees
201	3.2	0.1	Wetlands: drains, no trees
202	N.S	N.S	Wetlands: no drains, trees
221	0.1	N.S	recoded as 180
222	123.5	4.5	Undiff. montane veg.: rock
223	3.5	0.1	Undiff. montane veg.: no rock

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Table 7.7.3 Total audit of land cover features in Skye & Lochalsh District in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
301	7.8	0.3	Undiff. smooth grass.: rock, no trees	Dry heather moor: rock, no burning, no trees
309	0.4	N.S	Blanket bog/peat. veg.: no erosion, no trees	Blanket bog/peat. veg.: other peat workings
312	242.6	8.9	Wet heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
313	467.4	17.1	Blanket bog/peat. veg.: no erosion, no trees	Wet heather moor: rock, no burning, no trees
316	0.9	N.S	Dry heather moor: rock, no burning, no trees	Undiff. bracken: rock, no trees
317	27.8	1.0	Undiff. smooth grass.: rock, no trees	Undiff. heather moor: rock, no burning, no trees
326	10.5	0.4	Dry heather moor: rock, no burning, no trees	Undiff. smooth grass.: rock, no trees
332	1.6	0.1	Undiff. smooth grass.: rock, no trees	Wet heather moor: rock, no burning, no trees
340	18.3	0.7	Wet heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: erosion, no trees
343	64.7	2.4	Blanket bog/peat. veg.: erosion, no trees	Wet heather moor: rock, no burning, no trees
352	0.2	N.S	Wet heather moor: no rock, no burning, no trees	Smooth grass/rushes: no rock, no trees
353	20.4	0.7	Imp. pasture: no rock, no farms, no trees	Smooth grass/rushes: no rock, no trees
355	1.2	N.S	Blanket bog/peat. veg.: no erosion, no trees	Smooth grass/rushes: no rock, no trees
358	37.5	1.4	Blanket bog/peat. veg.: no erosion, no trees	Wet heather moor: no rock, no burning, no trees
360	24.3	0.9	Undiff. heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
361	3.9	0.1	Wet heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
366	3.9	0.1	Undiff. heather moor: rock, no burning, no trees	Undiff. bracken: rock, no trees
367	1.5	0.1	Undiff. bracken: rock, no trees	Undiff. heather moor: rock, no burning, no trees
369	1.8	0.1	Undiff. smooth grass.: no rock, no trees	Wet heather moor: no rock, no burning, no trees
374	3.0	0.1	Undiff. heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
382	0.4	N.S	Blanket bog/peat. veg.: no erosion, no trees	Undiff. heather moor: no rock, no burning, no trees
384	6.3	0.2	Blanket bog/peat. veg.: no erosion, no trees	Undiff. heather moor: rock, no burning, no trees
385	N.S	N.S	Undiff. heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
389	0.4	N.S	Dry heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
393	1.6	0.1	Recently felled forestry	Coniferous plantation (area)
394	0.2	N.S	Imp. pasture: no rock, farms, trees	Imp. pasture: rock, farms, trees
396	72.3	2.7	Undiff. heather moor: rock, no burning, no trees	Undiff. smooth grass.: rock, no trees
399	1.8	0.1	Smooth grass/rushes: no rock, no trees	Imp. pasture: no rock, no farms, no trees
400	0.9	N.S	Undiff. smooth grass.: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
401	3.1	0.1	Undiff. smooth grass.: rock, no trees	Undiff. bracken: rock, no trees
402	2.6	0.1	Smooth grass/rushes: no rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
406	1.0	N.S	Smooth grass/rushes: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
410	2.9	0.1	Undiff. smooth grass.: no rock, no trees	Imp. pasture: no rock, no farms, no trees
412	0.4	N.S	Undiff. heather moor: no rock, no burning, trees	Smooth grass/low scrub: no rock, trees
415	2.1	0.1	Undiff. smooth grass.: no rock, no trees	Undiff. bracken: no rock, no trees
421	0.1	N.S	Undiff. smooth grass.: no rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
424	0.2	N.S	Undiff. smooth grass.: rock, no trees	Undiff. Nardus/Molinia: rock, no trees
428	0.1	N.S	Undiff. Nardus/Molinia: rock, no trees	Dry heather moor: rock, no burning, no trees
429	2.4	0.1	Undiff. Nardus/Molinia: rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
434	0.3	N.S	Undiff. smooth grass.: no rock, trees	Undiff. bracken: no rock, trees
436	3.3	0.1	Undiff. Nardus/Molinia: no rock, no trees	Blanket bog/peat. veg.: erosion, no trees
437	5.4	0.2	Undiff. heather moor: no rock, no burning, no trees	Smooth grass/rushes: no rock, no trees
442	26.6	1.0	Undiff. heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
446	1.3	N.S	Wet heather moor: rock, no burning, no trees	Undiff. smooth grass.: rock, no trees
447	2.5	0.1	Blanket bog/peat. veg.: erosion, no trees	Undiff. Nardus/Molinia: rock, no trees
448	152.3	5.6	Undiff. heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: rock, no trees
449	8.2	0.3	Blanket bog/peat. veg.: no erosion, no trees	Undiff. Nardus/Molinia: no rock, no trees
450	0.1	N.S	Undiff. smooth grass.: rock, no trees	Smooth grass/rushes: no rock, no trees
451	3.2	0.1	Undiff. smooth grass.: rock, no trees	Imp. pasture: no rock, no farms, no trees
452	0.2	N.S	Imp. pasture: rock, no farms, no trees	Smooth grass/rushes: no rock, no trees

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Table 7.7.3 Total audit of land cover features in Skye & Lochalsh District in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
453	2.4	0.1	Imp. pasture: no rock, no farms, no trees	Undiff. smooth grass.: rock, no trees
454	2.5	0.1	Open canopy (young plantation)	Coniferous plantation (area)
474	0.1	N.S	Blanket bog/peat. veg.: erosion, no trees	Undiff. Nardus/Molinia: no rock, no trees
477	107.8	4.0	Undiff. heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: erosion, no trees
478	0.2	N.S	Undiff. heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: other peat workings
482	N.S	N.S	Dry heather moor: rock, no burning, no trees	Smooth grass/low scrub: rock, no trees
494	24.0	0.9	Undiff. Nardus/Molinia: rock, no trees	Undiff. heather moor: rock, no burning, no trees
495	3.0	0.1	Blanket bog/peat. veg.: no erosion, no trees	Undiff. smooth grass.: rock, no trees
497	1.1	N.S	Blanket bog/peat. veg.: no erosion, no trees	Undiff. Nardus/Molinia: rock, no trees
499	0.6	N.S	Imp. pasture: rock, no farms, no trees	Undiff. smooth grass.: rock, no trees
503	0.7	N.S	Undiff. Nardus/Molinia: rock, no trees	Undiff. smooth grass.: rock, no trees
517	2.6	0.1	Undiff. Nardus/Molinia: rock, no trees	Wet heather moor: rock, no burning, no trees
518	1.4	0.1	Imp. pasture: no rock, farms, no trees	Smooth grass/rushes: no rock, no trees
520	0.3	N.S	Maritime grassland: no trees	Undiff. Nardus/Molinia: rock, no trees
524	0.2	N.S	Smooth grass/rushes: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
528	0.4	N.S	Undiff. smooth grass.: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
540	0.4	N.S	Undiff. smooth grass.: rock, no trees	Maritime grassland: no trees
541	0.4	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. heather moor: rock, no burning, no trees
542	1.0	N.S	Wet heather moor: rock, no burning, no trees	Imp. pasture: rock, no farms, no trees
556	0.8	N.S	Wet heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: erosion, no trees
557	0.5	N.S	Undiff. bracken: rock, no trees	Undiff. smooth grass.: rock, no trees
562	4.5	0.2	Coniferous plantation (area)	Rhododendron scrub
563	0.6	N.S	Undiff. smooth grass.: rock, no trees	Rock and cliffs (area)
564	12.6	0.5	Undiff. Nardus/Molinia: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
565	5.7	0.2	Blanket bog/peat. veg.: erosion, no trees	Wet heather moor: no rock, no burning, no trees
566	3.5	0.1	Coniferous plantation (area)	Open canopy (young plantation)
567	0.8	N.S	Wet heather moor: rock, no burning, no trees	Imp. pasture: no rock, no farms, no trees
568	7.3	0.3	Dry heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: rock, no trees
569	1.5	0.1	Recent ploughing for forestry	Open canopy (young plantation)
570	0.8	N.S	Undiff. smooth grass.: rock, no trees	Imp. pasture: rock, no farms, no trees
571	1.6	0.1	Undiff. smooth grass.: rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
572	0.2	N.S	Smooth grass/rushes: no rock, no trees	Imp. pasture: rock, no farms, no trees
573	1.5	0.1	Wet heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: rock, no trees
574	2.0	0.1	Recent ploughing for forestry	Blanket bog/peat. veg.: no erosion, no trees
575	0.3	N.S	Undiff. smooth grass.: rock, trees	Undiff. smooth grass.: rock, no trees
577	0.4	N.S	Undiff. Nardus/Molinia: rock, no trees	Maritime grassland: no trees
578	3.0	0.1	Undiff. montane veg.: rock	Undiff. montane veg.: no rock
580	147.1	5.4	Undiff. heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: erosion, no trees
586	0.1	N.S	Smooth grass/rushes: no rock, no trees	Undiff. bracken: no rock, no trees
587	0.4	N.S	Undiff. heather moor: rock, no burning, no trees	Undiff. bracken: rock, trees
588	0.1	N.S	Undiff. bracken: rock, trees	Undiff. smooth grass.: rock, trees
599	4.4	0.2	Blanket bog/peat. veg.: erosion, no trees	Undiff. montane veg.: rock
602	8.3	0.3	Blanket bog/peat. veg.: erosion, no trees	Undiff. montane veg.: no rock
603	9.3	0.3	Undiff. montane veg.: no rock	Blanket bog/peat. veg.: erosion, no trees
607	23.3	0.9	Undiff. montane veg.: rock	Blanket bog/peat. veg.: erosion, no trees
634	5.3	0.2	Blanket bog/peat. veg.: erosion, no trees	Undiff. heather moor: rock, no burning, no trees
636	0.5	N.S	Undiff. heather moor: rock, no burning, no trees	Smooth grass/rushes: rock, no trees
683	0.3	N.S	Smooth grass/low scrub: rock, trees	Undiff. bracken: rock, trees
699	0.2	N.S	Wet heather moor: rock, no burning, no trees	Smooth grass/rushes: no rock, no trees
721	6.7	0.2	Smooth grass/rushes: rock, no trees	Undiff. heather moor: rock, no burning, no trees

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Table 7.7.3 Total audit of land cover features in Skye & Lochalsh District in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
727	0.2	N.S	Blanket bog/peat. veg.: no erosion, no trees	Undiff. smooth grass.: no rock, no trees
736	13.2	0.5	Blanket bog/peat. veg.: erosion, no trees	Undiff. heather moor: no rock, no burning, no trees
737	2.1	0.1	Coniferous plantation (area)	Undiff. broadleaved (area)
740	0.2	N.S	Undiff. heather moor: rock, no burning, trees	Undiff. Nardus/Molinia: rock, trees
743	3.2	0.1	Undiff. Nardus/Molinia: rock, no trees	Blanket bog/peat. veg.: erosion, no trees
744	1.1	N.S	Rock and cliffs (area)	Undiff. heather moor: rock, no burning, no trees
745	0.4	N.S	Undiff. heather moor: rock, no burning, trees	Blanket bog/peat. veg.: no erosion, no trees
765	0.3	N.S	Undiff. heather moor: rock, no burning, trees	Undiff. broadleaved (area)
771	2.5	0.1	Undiff. heather moor: rock, no burning, trees	Undiff. smooth grass.: rock, trees
776	0.4	N.S	Undiff. heather moor: rock, no burning, trees	Undiff. smooth grass.: no rock, trees
783	0.8	N.S	Undiff. smooth grass.: rock, trees	Undiff. heather moor: rock, no burning, trees
785	0.5	N.S	Undiff. heather moor: rock, no burning, trees	Undiff. smooth grass.: rock, no trees
787	1.1	N.S	Smooth grass/rushes: rock, no trees	Undiff. bracken: rock, no trees
788	0.8	N.S	Undiff. broadleaved (area)	Undiff. heather moor: rock, no burning, trees
816	0.1	N.S	Imp. pasture: no rock, no farms, no trees	Wet heather moor: no rock, no burning, no trees
823	0.8	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. Nardus/Molinia: rock, no trees
824	0.4	N.S	Imp. pasture: no rock, farms, no trees	Undiff. smooth grass.: rock, no trees
831	0.2	N.S	Undiff. smooth grass.: rock, trees	Undiff. Nardus/Molinia: rock, trees
850	0.3	N.S	Undiff. heather moor: rock, no burning, no trees	Smooth grass/rushes: no rock, no trees
873	28.5	1.0	Undiff. montane veg.: rock	Undiff. heather moor: rock, no burning, no trees
883	1.0	N.S	Open canopy (young plantation)	Undiff. broadleaved (area)
885	0.2	N.S	Smooth grass/rushes: rock, no trees	Blanket bog/peat. veg.: erosion, no trees
890	1.1	N.S	Undiff. montane veg.: no rock	Undiff. heather moor: no rock, no burning, no trees
912	1.5	0.1	Undiff. heather moor: rock, no burning, no trees	Undiff. montane veg.: rock
919	1.4	0.1	Undiff. Nardus/Molinia: rock, no trees	Undiff. heather moor: no rock, no burning, no trees
933	1.3	N.S	Undiff. heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
938	1.1	N.S	Blanket bog/peat. veg.: erosion, no trees	Smooth grass/rushes: no rock, no trees
940	0.8	N.S	Undiff. heather moor: rock, no burning, trees	Rock and cliffs (area)
953	0.3	N.S	Undiff. smooth grass.: no rock, no trees	Blanket bog/peat. veg.: erosion, no trees
992	3.3	0.1	Smooth grass/rushes: no rock, no trees	Blanket bog/peat. veg.: erosion, no trees
1007	N.S	N.S	Undiff. heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: rock, no trees
1067	0.6	N.S	Undiff. montane veg.: rock	Undiff. Nardus/Molinia: rock, no trees
1122	0.8	N.S	Undiff. heather moor: rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
1164	1.0	N.S	Undiff. mixed woodland (area)	Open canopy (young plantation)
1199	0.5	N.S	Smooth grass/low scrub: rock, trees	Undiff. heather moor: rock, no burning, no trees
1212	0.1	N.S	Smooth grass/low scrub: rock, trees	Smooth grass/rushes: rock, no trees
1216	1.3	N.S	Undiff. bracken: rock, no trees	Smooth grass/rushes: rock, no trees
1241	0.5	N.S	Smooth grass/rushes: no rock, no trees	Blanket bog/peat. veg.: other peat workings
1281	0.3	N.S	Open canopy (young plantation)	Undiff. heather moor: rock, no burning, no trees
1293	N.S	N.S	Smooth grass/rushes: no rock, no trees	Rhododendron scrub
1369	1.6	0.1	Undiff. bracken: rock, trees	Dry heather moor: rock, no burning, trees
1404	0.2	N.S	Blanket bog/peat. veg.: no erosion, no trees	Undiff. low scrub
1417	0.3	N.S	Undiff. heather moor: rock, no burning, trees	Smooth grass/rushes: no rock, no trees
1422	0.1	N.S	Wet heather moor: rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
1427	12.1	0.4	Undiff. montane veg.: rock	Snow cover
1428	0.4	N.S	Undiff. heather moor: rock, no burning, no trees	Smooth grass/low scrub: rock, no trees
1429	0.2	N.S	Imp. pasture: no rock, no farms, no trees	Smooth grass/low scrub: rock, trees
1430	0.7	N.S	Imp. pasture: no rock, farms, trees	Smooth grass/rushes: no rock, no trees
1438	0.7	N.S	Undiff. mixed woodland (area)	Undiff. heather moor: rock, no burning, trees
1440	N.S	N.S	Open canopy (young plantation)	Wet heather moor: rock, no burning, no trees

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Table 7.7.3 Total audit of land cover features in Skye & Lochalsh District in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
1441	0.1	N.S	Undiff. smooth grass.: no rock, trees	Wet heather moor: no rock, no burning, no trees
1442	0.4	N.S	Blanket bog/peat. veg.: erosion, no trees	Undiff. smooth grass.: no rock, no trees
1443	0.1	N.S	Open canopy (young plantation)	Blanket bog/peat. veg.: no erosion, no trees
1444	0.1	N.S	Open canopy (young plantation)	Undiff. smooth grass.: no rock, trees
1455	0.1	N.S	Smooth grass/low scrub: rock, trees	Undiff. smooth grass.: rock, trees
1456	0.1	N.S	Undiff. bracken: no rock, no trees	Imp. pasture: no rock, no farms, no trees
1457	0.1	N.S	Undiff. heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, trees
TOTAL	2725.8	100.0		

Cover types		single feature		features in mosaics	
		area	%	primary	secondary
Open countryside					
A	Arable	20.6	0.3	0	0
B	Improved grassland	133.0	2.2	25.3	3.4
C	Good rough grassland	120.0	2.0	22.6	71.6
D	Poor rough grassland	11.4	0.2	4.2	17.7
E	Bracken	2.3	N.S	2.1	9.3
F	Heather moorland	521.3	8.6	2473.6	254.3
G	Peatland	1530.6	25.2	224.7	2415.2
H	Montane	52.9	0.9	20.1	8.8
I	Rock and cliffs	60.5	1.0	7.4	0
Woodland					
J	Felled woodland	1.3	N.S	0	0
K	Recent planting	288.5	4.8	1.2	7.2
L	Coniferous plantation	217.1	3.6	10.7	1.5
M	Semi-natural coniferous	0.1	N.S	0	0.1
N	Mixed woodland	6.5	0.1	0.3	0
O	Broadleaved	36.7	0.6	2.6	0.4
P	Scrub	1.5	N.S	N.S	5.7
Wet ground					
Q	Fresh waters	184.7	3.0	0	0
R	Marshes	2.2	N.S	0	0
S	Saltmarshes	0.2	N.S	0	0
T	Dunes	12.7	0.2	2.5	2.0
U	Tidal waters	2.0	N.S	0	0
Developed					
V	Rural development	3.9	0.1	0	0.2
W	Urban	4.4	0.1	0	0
Other					
X	Missing photography/obscured land	55.2	0.9	0	0
SUBTOTAL		3269.7	53.9		
Y	Mosaics of types above	2797.3	46.1	2797.3	2797.3
DISTRICT TOTAL		6067.0	100.0		

Nationally significant mosaics			area	%
FG	Heather moorland	Peatland	2620.7	43.2
DF	Poor rough grassland	Heather moorland	19.9	0.3
CF	Good rough grassland	Heather moorland	51.9	0.9
GH	Peatland	Montane	12.5	0.2
CD	Good rough grassland	Poor rough grassland	0	0
BC	Improved grassland	Good rough grassland	25.1	0.4
CE	Good rough grassland	Bracken	3.4	0.1
DG	Poor rough grassland	Peatland	2.0	N.S
FH	Heather moorland	Montane	14.1	0.2
SUBTOTAL			2749.6	45.3
Locally significant mosaics			area	%
KL	Recent planting	Coniferous plantation	8.3	0.1
FI	Heather moorland	Rock and cliffs	7.3	0.1
EF	Bracken	Heather moorland	6.5	0.1
CG	Good rough grassland	Peatland	3.8	0.1
FL	Heather moorland	Coniferous plantation	3.5	0.1
SUBTOTAL			29.4	0.5
Remaining mosaics			18.4	0.3
MOSAICS OF SUMMARY COVER TYPES			2797.3	46.1

Table 7.8.1

Sutherland District

Land cover summary categories

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not match the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05. Please refer to Figure 6.2 for guidance in the interpretation of this table.

Table 7.8.2 Total audit of land cover features in Sutherland District in which all mosaics are allocated according to primary or secondary feature.

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05 sq km. Please refer to Figure 6.3 for guidance in the interpretation of this table.

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
2	0	0	0.2	Isolated building, trees
5	2.7	0	0	Golf course
7	0.5	0	0	Recreational land
10	60.5	7.4	0	Rock and cliffs (area)
12	0.7	0	0	Quarries and opencast (area)
14	N.S	0	0	Bings and refuse tips (area)
18	184.7	0	0	Water (area)
19	N.S	0	0	Water (point)
20	4.4	0	0	Built-up (area)
24	2.0	0	0	Estuary
25	37.8	0	0	No photography
26	17.4	0	0	Cloud cover
70	217.1	10.7	1.4	Coniferous plantation (area)
72	0	0	0.1	Coniferous plantation (point)
73	0.1	0	0.1	Coniferous semi-natural (area)
76	36.7	2.6	0.4	Undiff. broadleaved (area)
78	0	0	N.S	Undiff. broadleaved (point)
79	6.5	0.3	0	Undiff. mixed woodland (area)
82	1.5	N.S	5.7	Undiff. low scrub
83	163.0	0	0	Recent ploughing for forestry
84	1.3	0	0	Recently felled forestry
85	125.5	1.2	7.2	Open canopy (young plantation)
90	118.4	21.7	3.0	Imp. pasture: no rock, no farms, no trees
91	0.8	0.3	0	Imp. pasture: no rock, no farms, trees
92	9.9	1.0	0.4	Imp. pasture: no rock, farms, no trees
93	0.5	1.4	0	Imp. pasture: no rock, farms, trees
94	1.8	0.9	0	Imp. pasture: rock, no farms, no trees
96	1.5	0	0	Imp. pasture: rock, farms, no trees
100	20.6	0	0	Arable: no rock, no farms, no trees
110	5.7	2.6	0.1	Dry heather moor: no rock, no burning, no trees
111	2.0	0.8	0.1	Dry heather moor: no rock, no burning, trees
112	0.7	0.1	0	Dry heather moor: no rock, burning, no trees
113	0.2	0	0	Dry heather moor: no rock, burning, trees
114	5.5	0.7	0	Dry heather moor: rock, no burning, no trees
115	N.S	N.S	N.S	Dry heather moor: rock, no burning, trees
116	0.2	N.S	0	Dry heather moor: rock, burning, no trees
120	30.1	533.8	84.7	Wet heather moor: no rock, no burning, no trees
121	0.3	0.2	0	Wet heather moor: no rock, no burning, trees
124	7.5	648.8	29.3	Wet heather moor: rock, no burning, no trees
130	192.0	985.7	99.0	Undiff. heather moor: no rock, no burning, no trees
131	5.6	3.6	0.4	Undiff. heather moor: no rock, no burning, trees
132	81.3	23.7	0.2	Undiff. heather moor: no rock, burning, no trees
133	0.1	0	0	Undiff. heather moor: no rock, burning, trees
134	179.5	272.0	40.4	Undiff. heather moor: rock, no burning, no trees

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Table 7.8.2 Total audit of land cover features in Sutherland District in which all mosaics are allocated according to primary or secondary feature (continued).

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
135	1.2	0.1	0.2	Undiff. heather moor: rock, no burning, trees
136	9.2	1.4	0	Undiff. heather moor: rock, burning, no trees
140	10.1	3.8	16.8	Undiff. Nardus/Molinia: no rock, no trees
141	0.3	0	0	Undiff. Nardus/Molinia: no rock, trees
142	1.1	0.4	0.9	Undiff. Nardus/Molinia: rock, no trees
150	27.9	0.9	16.6	Smooth grass/rushes: no rock, no trees
151	1.1	0	0.5	Smooth grass/rushes: no rock, trees
152	0	0	0.4	Smooth grass/rushes: rock, no trees
153	0.1	N.S	0	Smooth grass/rushes: rock, trees
155	6.1	2.6	1.3	Smooth grass/low scrub: no rock, no trees
156	2.5	0.5	2.3	Smooth grass/low scrub: no rock, trees
157	0.4	0	0.7	Smooth grass/low scrub: rock, no trees
160	52.9	11.4	19.7	Undiff. smooth grass.: no rock, no trees
161	11.2	0.1	1.1	Undiff. smooth grass.: no rock, trees
162	15.3	6.2	26.9	Undiff. smooth grass.: rock, no trees
163	1.3	0.9	2.3	Undiff. smooth grass.: rock, trees
170	1.8	1.2	8.7	Undiff. bracken: no rock, no trees
171	0.6	0.1	0.1	Undiff. bracken: no rock, trees
172	0	0.8	0.6	Undiff. bracken: rock, no trees
180	354.0	69.6	64.6	Blanket bog/peat. veg.: erosion, no trees
182	1063.1	129.4	2320.6	Blanket bog/peat. veg.: no erosion, no trees
183	0.8	0	2.2	Blanket bog/peat. veg.: no erosion, trees
184	73.9	4.1	0	Blanket bog/peat. veg.: dubh lochans
186	38.7	21.5	27.9	Blanket bog/peat. veg.: other peat workings
190	0.2	0	0	Undiff. salt marsh: no trees
191	1.2	0	0	Maritime grassland: no trees
200	1.4	0	0	Wetlands: no drains, no trees
202	0.7	0	0	Wetlands: no drains, trees
210	0.4	0.6	0.1	Bare dunes
211	3.7	0	0	Partially stabilized dunes
212	8.4	0.4	2.0	Links area: grass
213	0.3	1.4	0	Links area: heath
221	N.S	0	1.1	recoded as 180
222	31.2	13.7	2.2	Undiff. montane veg.: rock
223	21.6	6.4	5.4	Undiff. montane veg.: no rock
TOTAL	3269.7	2797.3	2797.3	

Table 7.8.3 Total audit of land cover features in Sutherland District in which all mosaics are separately identified. All areas are expressed in square kilometres to 1 decimal place; all percentages are expressed as % of the total area; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05

code	area	%	description
5	2.7	N.S	Golf course
7	0.5	N.S	Recreational land
10	60.5	1.0	Rock and cliffs (area)
12	0.7	N.S	Quarries and opencast (area)
14	N.S	N.S	Bings and refuse tips (area)
18	184.7	3.0	Water (area)
19	N.S	N.S	Water (point)
20	4.4	0.1	Built-up (area)
24	2.0	N.S	Estuary
25	37.8	0.6	No photography
26	17.4	0.3	Cloud cover
70	217.1	3.6	Coniferous plantation (area)
73	0.1	N.S	Coniferous semi-natural (area)
76	36.7	0.6	Undiff. broadleaved (area)
79	6.5	0.1	Undiff. mixed woodland (area)
82	1.5	N.S	Undiff. low scrub
83	163.0	2.7	Recent ploughing for forestry
84	1.3	N.S	Recently felled forestry
85	125.5	2.1	Open canopy (young plantation)
90	118.4	2.0	Imp. pasture: no rock, no farms, no trees
91	0.8	N.S	Imp. pasture: no rock, no farms, trees
92	9.9	0.2	Imp. pasture: no rock, farms, no trees
93	0.5	N.S	Imp. pasture: no rock, farms, trees
94	1.8	N.S	Imp. pasture: rock, no farms, no trees
96	1.5	N.S	Imp. pasture: rock, farms, no trees
100	20.6	0.3	Arable: no rock, no farms, no trees
110	5.7	0.1	Dry heather moor: no rock, no burning, no trees
111	2.0	N.S	Dry heather moor: no rock, no burning, trees
112	0.7	N.S	Dry heather moor: no rock, burning, no trees
113	0.2	N.S	Dry heather moor: no rock, burning, trees
114	5.5	0.1	Dry heather moor: rock, no burning, no trees
115	N.S	N.S	Dry heather moor: rock, no burning, trees
116	0.2	N.S	Dry heather moor: rock, burning, no trees
120	30.1	0.5	Wet heather moor: no rock, no burning, no trees
121	0.3	N.S	Wet heather moor: no rock, no burning, trees
124	7.5	0.1	Wet heather moor: rock, no burning, no trees
130	192.0	3.2	Undiff. heather moor: no rock, no burning, no trees
131	5.6	0.1	Undiff. heather moor: no rock, no burning, trees
132	81.3	1.3	Undiff. heather moor: no rock, burning, no trees
133	0.1	N.S	Undiff. heather moor: no rock, burning, trees
134	179.5	3.0	Undiff. heather moor: rock, no burning, no trees
135	1.2	N.S	Undiff. heather moor: rock, no burning, trees
136	9.2	0.2	Undiff. heather moor: rock, burning, no trees
140	10.1	0.2	Undiff. Nardus/Molinia: no rock, no trees
141	0.3	N.S	Undiff. Nardus/Molinia: no rock, trees
142	1.1	N.S	Undiff. Nardus/Molinia: rock, no trees
150	27.9	0.5	Smooth grass/rushes: no rock, no trees
151	1.1	N.S	Smooth grass/rushes: no rock, trees

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Table 7.8.3 Total audit of land cover features in Sutherland District in which all mosaics are separately identified (continued).

code	area	%	description	
153	0.1	N.S	Smooth grass/rushes: rock, trees	
155	6.1	0.1	Smooth grass/low scrub: no rock, no trees	
156	2.5	N.S	Smooth grass/low scrub: no rock, trees	
157	0.4	N.S	Smooth grass/low scrub: rock, no trees	
160	52.9	0.9	Undiff. smooth grass.: no rock, no trees	
161	11.2	0.2	Undiff. smooth grass.: no rock, trees	
162	15.3	0.3	Undiff. smooth grass.: rock, no trees	
163	1.3	N.S	Undiff. smooth grass.: rock, trees	
170	1.8	N.S	Undiff. bracken: no rock, no trees	
171	0.6	N.S	Undiff. bracken: no rock, trees	
180	354.0	5.8	Blanket bog/peat. veg.: erosion, no trees	
182	1063.1	17.5	Blanket bog/peat. veg.: no erosion, no trees	
183	0.8	N.S	Blanket bog/peat. veg.: no erosion, trees	
184	73.9	1.2	Blanket bog/peat. veg.: dubh lochans	
186	38.7	0.6	Blanket bog/peat. veg.: other peat workings	
190	0.2	N.S	Undiff. salt marsh: no trees	
191	1.2	N.S	Maritime grassland: no trees	
200	1.4	N.S	Wetlands: no drains, no trees	
202	0.7	N.S	Wetlands: no drains, trees	
210	0.4	N.S	Bare dunes	
211	3.7	0.1	Partially stabilized dunes	
212	8.4	0.1	Links area: grass	
213	0.3	N.S	Links area: heath	
221	N.S	N.S	recoded as 180	
222	31.2	0.5	Undiff. montane veg.: rock	
223	21.6	0.4	Undiff. montane veg.: no rock	
code	area	%	primary feature	secondary feature
312	621.6	10.2	Wet heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
313	6.5	0.1	Blanket bog/peat. veg.: no erosion, no trees	Wet heather moor: rock, no burning, no trees
315	1.8	N.S	Wet heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: other peat workings
317	5.3	0.1	Undiff. smooth grass.: rock, no trees	Undiff. heather moor: rock, no burning, no trees
324	1.0	N.S	Imp. pasture: no rock, no farms, no trees	Blanket bog/peat. veg.: no erosion, no trees
331	7.3	0.1	Rock and cliffs (area)	Wet heather moor: rock, no burning, no trees
340	24.9	0.4	Wet heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: erosion, no trees
343	12.4	0.2	Blanket bog/peat. veg.: erosion, no trees	Wet heather moor: rock, no burning, no trees
347	0.5	N.S	Bare dunes	Links area: grass
352	0.1	N.S	Wet heather moor: no rock, no burning, no trees	Smooth grass/rushes: no rock, no trees
353	12.5	0.2	Imp. pasture: no rock, no farms, no trees	Smooth grass/rushes: no rock, no trees
355	0.4	N.S	Blanket bog/peat. veg.: no erosion, no trees	Smooth grass/rushes: no rock, no trees
356	2.5	N.S	Undiff. smooth grass.: no rock, no trees	Smooth grass/rushes: no rock, no trees
358	58.7	1.0	Blanket bog/peat. veg.: no erosion, no trees	Wet heather moor: no rock, no burning, no trees
359	0.2	N.S	Undiff. heather moor: no rock, no burning, no trees	Imp. pasture: no rock, no farms, no trees
360	232.1	3.8	Undiff. heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
361	507.2	8.4	Wet heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
362	4.0	0.1	Undiff. heather moor: no rock, no burning, no trees	Undiff. bracken: no rock, no trees
363	1.1	N.S	Wet heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: other peat workings
364	0.5	N.S	Wet heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
365	1.0	N.S	Undiff. bracken: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees

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Table 7.8.3 Total audit of land cover features in Suherland District in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
366	0.5	N.S	Undiff. heather moor: rock, no burning, no trees	Undiff. bracken: rock, no trees
367	0.7	N.S	Undiff. bracken: rock, no trees	Undiff. heather moor: rock, no burning, no trees
370	13.7	0.2	Undiff. heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: other peat workings
374	933.9	15.4	Undiff. heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
380	14.0	0.2	Blanket bog/peat. veg.: other peat workings	Undiff. heather moor: no rock, no burning, no trees
381	7.6	0.1	Blanket bog/peat. veg.: other peat workings	Undiff. heather moor: rock, no burning, no trees
382	59.3	1.0	Blanket bog/peat. veg.: no erosion, no trees	Undiff. heather moor: no rock, no burning, no trees
384	3.4	0.1	Blanket bog/peat. veg.: no erosion, no trees	Undiff. heather moor: rock, no burning, no trees
385	10.5	0.2	Undiff. heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
386	0.1	N.S	Smooth grass/rushes: no rock, no trees	Undiff. low scrub
389	0.2	N.S	Dry heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
390	4.9	0.1	Imp. pasture: no rock, no farms, no trees	Undiff. smooth grass.: no rock, no trees
391	1.1	N.S	Undiff. montane veg.: rock	recoded as 180
396	20.5	0.3	Undiff. heather moor: rock, no burning, no trees	Undiff. smooth grass.: rock, no trees
399	0.3	N.S	Smooth grass/rushes: no rock, no trees	Imp. pasture: no rock, no farms, no trees
400	2.4	N.S	Undiff. smooth grass.: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
404	0.2	N.S	Smooth grass/low scrub: no rock, trees	Undiff. heather moor: no rock, no burning, trees
406	0.3	N.S	Smooth grass/rushes: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
407	2.0	N.S	Undiff. heather moor: no rock, burning, no trees	Undiff. smooth grass.: no rock, no trees
408	0.9	N.S	Undiff. heather moor: no rock, no burning, trees	Undiff. smooth grass.: no rock, trees
409	0.3	N.S	Imp. pasture: no rock, no farms, no trees	Smooth grass/low scrub: no rock, no trees
410	1.3	N.S	Undiff. smooth grass.: no rock, no trees	Imp. pasture: no rock, no farms, no trees
411	0.1	N.S	Undiff. smooth grass.: no rock, trees	Undiff. heather moor: no rock, no burning, trees
412	0.3	N.S	Undiff. heather moor: no rock, no burning, trees	Smooth grass/low scrub: no rock, trees
414	1.3	N.S	Undiff. Nardus/Molinia: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
415	0.7	N.S	Undiff. smooth grass.: no rock, no trees	Undiff. bracken: no rock, no trees
417	0.5	N.S	Undiff. heather moor: no rock, no burning, no trees	Smooth grass/low scrub: no rock, no trees
418	1.5	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. bracken: no rock, no trees
427	0.1	N.S	Imp. pasture: no rock, no farms, trees	Smooth grass/rushes: no rock, trees
437	1.0	N.S	Undiff. heather moor: no rock, no burning, no trees	Smooth grass/rushes: no rock, no trees
438	19.0	0.3	Undiff. heather moor: no rock, burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
440	2.5	N.S	Smooth grass/low scrub: no rock, no trees	Undiff. bracken: no rock, no trees
442	9.2	0.2	Undiff. heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
448	0.9	N.S	Undiff. heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: rock, no trees
449	0.8	N.S	Blanket bog/peat. veg.: no erosion, no trees	Undiff. Nardus/Molinia: no rock, no trees
451	0.7	N.S	Undiff. smooth grass.: rock, no trees	Imp. pasture: no rock, no farms, no trees
453	0.5	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. smooth grass.: rock, no trees
454	1.2	N.S	Open canopy (young plantation)	Coniferous plantation (area)
472	1.5	N.S	Dry heather moor: no rock, no burning, no trees	Undiff. low scrub
473	0.3	N.S	Dry heather moor: no rock, no burning, no trees	Smooth grass/low scrub: no rock, no trees
476	0.7	N.S	Dry heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
477	9.0	0.1	Undiff. heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: erosion, no trees
478	7.7	0.1	Undiff. heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: other peat workings
479	0.4	N.S	Undiff. smooth grass.: no rock, no trees	Imp. pasture: no rock, farms, no trees
480	0.6	N.S	Imp. pasture: no rock, farms, no trees	Undiff. smooth grass.: no rock, no trees
481	0.4	N.S	Undiff. heather moor: rock, no burning, no trees	Undiff. smooth grass.: rock, trees
482	0.7	N.S	Dry heather moor: rock, no burning, no trees	Smooth grass/low scrub: rock, no trees
485	0.3	N.S	Undiff. Nardus/Molinia: no rock, no trees	Wet heather moor: no rock, no burning, no trees
487	0.2	N.S	Undiff. heather moor: no rock, no burning, trees	Smooth grass/rushes: no rock, trees
494	0.4	N.S	Undiff. Nardus/Molinia: rock, no trees	Undiff. heather moor: rock, no burning, no trees

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Table 7.8.3 Total audit of land cover features in Sutherland District in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
498	0.4	N.S	Links area: grass	Undiff. low scrub
499	0.9	N.S	Imp. pasture: rock, no farms, no trees	Undiff. smooth grass.: rock, no trees
500	1.4	N.S	Undiff. heather moor: no rock, no burning, trees	Blanket bog/peat. veg.: no erosion, trees
510	0.2	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. heather moor: no rock, no burning, no trees
513	N.S	N.S	Dry heather moor: no rock, no burning, trees	Undiff. bracken: no rock, trees
521	6.8	0.1	Wet heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
524	0.2	N.S	Smooth grass/rushes: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
525	0.2	N.S	Blanket bog/peat. veg.: no erosion, no trees	Undiff. heather moor: no rock, burning, no trees
528	2.2	N.S	Undiff. smooth grass.: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
533	N.S	N.S	Smooth grass/low scrub: no rock, trees	Undiff. bracken: no rock, trees
535	0.6	N.S	Dry heather moor: no rock, no burning, trees	Undiff. low scrub
537	0.2	N.S	Undiff. mixed woodland (area)	Undiff. low scrub
551	1.3	N.S	Links area: heath	Undiff. low scrub
552	0.1	N.S	Dry heather moor: no rock, burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
556	14.0	0.2	Wet heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: erosion, no trees
564	2.3	N.S	Undiff. Nardus/Molinia: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
565	25.7	0.4	Blanket bog/peat. veg.: erosion, no trees	Wet heather moor: no rock, no burning, no trees
566	7.1	0.1	Coniferous plantation (area)	Open canopy (young plantation)
567	0.5	N.S	Wet heather moor: rock, no burning, no trees	Imp. pasture: no rock, no farms, no trees
571	0.2	N.S	Undiff. smooth grass.: rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
580	8.9	0.1	Undiff. heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: erosion, no trees
583	3.1	0.1	Coniferous plantation (area)	Wet heather moor: rock, no burning, no trees
599	1.8	N.S	Blanket bog/peat. veg.: erosion, no trees	Undiff. montane veg.: rock
602	2.6	N.S	Blanket bog/peat. veg.: erosion, no trees	Undiff. montane veg.: no rock
603	3.5	0.1	Undiff. montane veg.: no rock	Blanket bog/peat. veg.: erosion, no trees
607	4.4	0.1	Undiff. montane veg.: rock	Blanket bog/peat. veg.: erosion, no trees
620	0.3	N.S	Undiff. montane veg.: no rock	Blanket bog/peat. veg.: no erosion, no trees
628	N.S	N.S	Undiff. bracken: no rock, trees	Smooth grass/low scrub: no rock, trees
630	0.1	N.S	Dry heather moor: no rock, no burning, trees	Smooth grass/low scrub: no rock, trees
634	14.4	0.2	Blanket bog/peat. veg.: erosion, no trees	Undiff. heather moor: rock, no burning, no trees
636	0.4	N.S	Undiff. heather moor: rock, no burning, no trees	Smooth grass/rushes: rock, no trees
640	2.8	N.S	Undiff. heather moor: no rock, no burning, no trees	Undiff. montane veg.: no rock
643	0.1	N.S	Dry heather moor: no rock, no burning, trees	Blanket bog/peat. veg.: no erosion, trees
645	0.2	N.S	Undiff. bracken: no rock, no trees	Smooth grass/low scrub: no rock, no trees
652	0.4	N.S	Imp. pasture: no rock, no farms, no trees	Smooth grass/low scrub: no rock, trees
659	0.1	N.S	Undiff. bracken: no rock, no trees	Dry heather moor: no rock, no burning, no trees
662	0.1	N.S	Undiff. smooth grass.: no rock, no trees	Coniferous plantation (area)
686	2.7	N.S	Undiff. heather moor: no rock, burning, no trees	Blanket bog/peat. veg.: other peat workings
687	N.S	N.S	Blanket bog/peat. veg.: other peat workings	Undiff. heather moor: no rock, burning, no trees
704	4.2	0.1	Wet heather moor: no rock, no burning, no trees	Undiff. smooth grass.: rock, no trees
712	0.2	N.S	Smooth grass/low scrub: no rock, trees	Undiff. broadleaved (area)
727	0.2	N.S	Blanket bog/peat. veg.: no erosion, no trees	Undiff. smooth grass.: no rock, no trees
735	0.1	N.S	Coniferous plantation (area)	Coniferous semi-natural (area)
736	12.8	0.2	Blanket bog/peat. veg.: erosion, no trees	Undiff. heather moor: no rock, no burning, no trees
751	0.6	N.S	Undiff. broadleaved (area)	Undiff. smooth grass.: no rock, no trees
756	0.2	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. smooth grass.: no rock, trees
761	0.3	N.S	Undiff. smooth grass.: no rock, no trees	Undiff. low scrub
766	1.7	N.S	Undiff. broadleaved (area)	Undiff. smooth grass.: rock, trees
771	0.1	N.S	Undiff. heather moor: rock, no burning, trees	Undiff. smooth grass.: rock, trees
783	0.2	N.S	Undiff. smooth grass.: rock, trees	Undiff. heather moor: rock, no burning, trees

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Table 7.8.3 Total audit of land cover features in Sutherland District in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
809	0.8	N.S	Undiff. heather moor: no rock, no burning, no trees	Undiff. low scrub
824	0.3	N.S	Imp. pasture: no rock, farms, no trees	Undiff. smooth grass.: rock, no trees
828	1.4	N.S	Imp. pasture: no rock, farms, trees	Smooth grass/low scrub: no rock, trees
832	1.4	N.S	Undiff. smooth grass.: no rock, no trees	Links area: grass
843	N.S	N.S	Dry heather moor: rock, burning, no trees	Undiff. bracken: rock, no trees
861	N.S	N.S	Undiff. bracken: no rock, no trees	Undiff. low scrub
870	N.S	N.S	Undiff. low scrub	Undiff. broadleaved (point)
873	8.2	0.1	Undiff. montane veg.: rock	Undiff. heather moor: rock, no burning, no trees
888	4.1	0.1	Blanket bog/peat. veg.: dubh lochans	Undiff. heather moor: no rock, no burning, no trees
890	2.6	N.S	Undiff. montane veg.: no rock	Undiff. heather moor: no rock, no burning, no trees
907	0.2	N.S	Wet heather moor: no rock, no burning, trees	Blanket bog/peat. veg.: no erosion, trees
912	0.5	N.S	Undiff. heather moor: rock, no burning, no trees	Undiff. montane veg.: rock
993	0.2	N.S	Coniferous plantation (area)	Undiff. heather moor: no rock, no burning, no trees
1002	0.3	N.S	Coniferous plantation (area)	Undiff. heather moor: rock, no burning, no trees
1022	0.5	N.S	Undiff. smooth grass.: rock, trees	Blanket bog/peat. veg.: no erosion, trees
1024	0.1	N.S	Undiff. bracken: no rock, trees	Dry heather moor: no rock, no burning, trees
1026	N.S	N.S	Smooth grass/low scrub: no rock, trees	Dry heather moor: no rock, no burning, trees
1061	0.2	N.S	Undiff. smooth grass.: rock, trees	Isolated building, trees
1073	0.6	N.S	Undiff. heather moor: no rock, no burning, trees	Blanket bog/peat. veg.: no erosion, no trees
1085	0.2	N.S	Undiff. broadleaved (area)	Smooth grass/rushes: no rock, trees
1086	0.9	N.S	Undiff. heather moor: rock, burning, no trees	Blanket bog/peat. veg.: other peat workings
1087	0.5	N.S	Undiff. heather moor: rock, burning, no trees	Undiff. smooth grass.: rock, no trees
1117	0.2	N.S	Imp. pasture: no rock, no farms, trees	Undiff. broadleaved (area)
1118	N.S	N.S	Undiff. smooth grass.: no rock, trees	Undiff. heather moor: no rock, no burning, no trees
1121	0.2	N.S	Smooth grass/low scrub: no rock, no trees	Undiff. low scrub
1145	N.S	N.S	Undiff. bracken: rock, no trees	Dry heather moor: rock, no burning, trees
1146	0.2	N.S	Undiff. heather moor: no rock, no burning, trees	Undiff. low scrub
1149	0.1	N.S	Rock and cliffs (area)	Coniferous plantation (point)
1164	0.2	N.S	Undiff. mixed woodland (area)	Open canopy (young plantation)
1165	0.1	N.S	Links area: heath	Bare dunes
1166	0.1	N.S	Bare dunes	Undiff. low scrub
1169	N.S	N.S	Smooth grass/rushes: rock, trees	Undiff. bracken: no rock, no trees
1177	N.S	N.S	Dry heather moor: rock, no burning, trees	Undiff. low scrub
TOTAL	6067.0	100.0		

Cover types		single feature		features in mosaics	
		area	%	primary	secondary
Open countryside					
A	Arable	672.6	38.9	0	0
B	Improved grassland	309.4	17.9	11.3	17.9
C	Good rough grassland	58.4	3.4	3.3	10.5
D	Poor rough grassland	67.9	3.9	16.5	36.3
E	Bracken	0	0	0	0
F	Heather moorland	110.3	6.4	29.8	0
G	Peatland	23.5	1.4	0.1	0
H	Montane	0	0	0	0
I	Rock and cliffs	N.S	N.S	0	0
Woodland					
J	Felled woodland	2.1	0.1	0	0
K	Recent planting	17.9	1.0	0	0
L	Coniferous plantation	69.0	4.0	0	0.7
M	Semi-natural coniferous	0.1	N.S	0	0
N	Mixed woodland	46.5	2.7	0	1.3
O	Broadleaved	7.8	0.5	0	2.6
P	Scrub	1.0	0.1	0	0
Wet ground					
Q	Fresh waters	8.6	0.5	0	0
R	Marshes	0.8	N.S	0	0
S	Saltmarshes	0.5	N.S	0	0
T	Dunes	2.1	0.1	0	0
U	Tidal waters	0	0	0	0
Developed					
V	Rural development	49.1	2.8	8.1	0
W	Urban	213.0	12.3	0	0
Other					
X	Missing photography/obscured land	0.2	N.S	0	0
SUBTOTAL		1660.5	96.0		
Y	Mosaics of types above	69.2	4.0	69.2	69.2
REGIONAL TOTAL		1729.7	100.0		

Nationally significant mosaics			area	%
FG	Heather moorland	Peatland	0	0
DF	Poor rough grassland	Heather moorland	27.8	1.6
CF	Good rough grassland	Heather moorland	2.1	0.1
GH	Peatland	Montane	0	0
CD	Good rough grassland	Poor rough grassland	0.3	N.S
BC	Improved grassland	Good rough grassland	6.7	0.4
CE	Good rough grassland	Bracken	0	0
DG	Poor rough grassland	Peatland	0.1	N.S
FH	Heather moorland	Montane	0	0
SUBTOTAL			36.9	2.1
Locally significant mosaics			area	%
BD	Improved grassland	Poor rough grassland	22.5	1.3
OV	Broadleaved	Rural development	2.6	0.1
DV	Poor rough grassland	Rural development	2.2	0.1
CV	Good rough grassland	Rural development	1.4	0.1
NV	Mixed woodland	Rural development	1.3	0.1
SUBTOTAL			29.9	1.7
Remaining mosaics			2.4	0.1
MOSAICS OF SUMMARY COVER TYPES			69.2	4.0

Table 8.0.1

Lothian Region

Land cover summary categories

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not match the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05. Please refer to Figure 6.2 for guidance in the interpretation of this table.

Table 8.0.2 Total audit of land cover features in Lothian Region in which all mosaics are allocated according to primary or secondary feature.

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S. = not significant = < 0.05 sq km. Please refer to Figure 6.3 for guidance in the interpretation of this table.

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
3	5.1	0	0	Factory
4	6.8	0	0	Airfield
5	12.1	5.9	0	Golf course
6	0.1	0	0	Cemeteries
7	1.8	0	0	Recreational land
10	N.S	0	0	Rock and cliffs (area)
12	11.3	0	0	Quarries and opencast (area)
14	9.1	2.2	0	Bings and refuse tips (area)
18	8.6	0	0	Water (area)
20	213.0	0	0	Built-up (area)
21	2.5	0	0	Transport features, road
22	0.2	0	0	Transport features, rail
28	0.1	0	0	Ski tows
70	69.0	0	0.7	Coniferous plantation (area)
73	0.1	0	0	Coniferous semi-natural (area)
76	7.8	0	0.5	Undiff. broadleaved (area)
77	0	0	0.8	Undiff. broadleaved (line)
78	0	0	1.3	Undiff. broadleaved (point)
79	46.5	0	0.9	Undiff. mixed woodland (area)
81	0	0	0.4	Undiff. mixed woodland (point)
82	1.0	0	0	Undiff. low scrub
83	5.5	0	0	Recent ploughing for forestry
84	2.1	0	0	Recently felled forestry
85	12.4	0	0	Open canopy (young plantation)
86	N.S	0	0	Rhododendron scrub
90	271.5	11.3	17.9	Imp. pasture: no rock, no farms, no trees
91	30.1	0	0	Imp. pasture: no rock, no farms, trees
92	1.9	0	0	Imp. pasture: no rock, farms, no trees
93	1.5	0	0	Imp. pasture: no rock, farms, trees
94	4.3	0	0	Imp. pasture: rock, no farms, no trees
100	657.2	0	0	Arable: no rock, no farms, no trees
101	2.3	0	0	Arable: no rock, no farms, trees
102	12.1	0	0	Arable: no rock, farms, no trees
104	0.9	0	0	Arable: rock, no farms, no trees
110	13.4	13.6	0	Dry heather moor: no rock, no burning, no trees
112	25.3	6.8	0	Dry heather moor: no rock, burning, no trees
113	0.3	0	0	Dry heather moor: no rock, burning, trees
116	0.5	0	0	Dry heather moor: rock, burning, no trees
120	2.4	0	0	Wet heather moor: no rock, no burning, no trees
130	10.9	9.5	0	Undiff. heather moor: no rock, no burning, no trees
132	56.5	0	0	Undiff. heather moor: no rock, burning, no trees
134	1.2	0	0	Undiff. heather moor: rock, no burning, no trees
140	67.2	16.5	36.3	Undiff. Nardus/Molinia: no rock, no trees
141	0.1	0	0	Undiff. Nardus/Molinia: no rock, trees

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Table 8.0.2 Total audit of land cover features in Lothian Region in which all mosaics are allocated according to primary or secondary feature (continued).

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
142	0.7	0	0	Undiff. Nardus/Molinia: rock, no trees
150	9.1	1.6	5.1	Smooth grass/rushes: no rock, no trees
151	0.1	0	0	Smooth grass/rushes: no rock, trees
155	9.8	0	1.7	Smooth grass/low scrub: no rock, no trees
156	7.3	0	0	Smooth grass/low scrub: no rock, trees
157	1.1	0	1.4	Smooth grass/low scrub: rock, no trees
160	12.6	1.7	2.4	Undiff. smooth grass.: no rock, no trees
161	12.3	0	0	Undiff. smooth grass.: no rock, trees
162	5.4	0	0	Undiff. smooth grass.: rock, no trees
163	0.5	0	0	Undiff. smooth grass.: rock, trees
164	0.2	0	0	invalid code
180	6.1	0	0	Blanket bog/peat. veg.: erosion, no trees
182	15.2	0.1	0	Blanket bog/peat. veg.: no erosion, no trees
183	0.1	0	0	Blanket bog/peat. veg.: no erosion, trees
185	2.1	0	0	Blanket bog/peat. veg.: industrial peat workings
190	0.5	0	0	Undiff. salt marsh: no trees
191	0.2	0	0	Maritime grassland: no trees
200	0.4	0	0	Wetlands: no drains, no trees
201	N.S	0	0	Wetlands: drains, no trees
202	0.3	0	0	Wetlands: no drains, trees
211	2.1	0	0	Partially stabilized dunes
TOTAL	1660.5	69.2	69.2	

Table 8.0.3 Total audit of land cover features in Lothian Region in which all mosaics are separately identified.

All areas are expressed in square kilometres to 1 decimal place; all percentages are expressed as % of the total area; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05

code	area	%	description
3	5.1	0.3	Factory
4	6.8	0.4	Airfield
5	12.1	0.7	Golf course
6	0.1	N.S	Cemeteries
7	1.8	0.1	Recreational land
10	N.S	N.S	Rock and cliffs (area)
12	11.3	0.7	Quarries and opencast (area)
14	9.1	0.5	Bings and refuse tips (area)
18	8.6	0.5	Water (area)
20	213.0	12.3	Built-up (area)
21	2.5	0.1	Transport features, road
22	0.2	N.S	Transport features, rail
28	0.1	N.S	Ski tows
70	69.0	4.0	Coniferous plantation (area)
73	0.1	N.S	Coniferous semi-natural (area)

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Table 8.0.3 Total audit of land cover features in Lothian Region in which all mosaics are separately identified (continued).

code	area	%	description
76	7.8	0.5	Undiff. broadleaved (area)
79	46.5	2.7	Undiff. mixed woodland (area)
82	1.0	0.1	Undiff. low scrub
83	5.5	0.3	Recent ploughing for forestry
84	2.1	0.1	Recently felled forestry
85	12.4	0.7	Open canopy (young plantation)
86	N.S	N.S	Rhododendron scrub
90	271.5	15.7	Imp. pasture: no rock, no farms, no trees
91	30.1	1.7	Imp. pasture: no rock, no farms, trees
92	1.9	0.1	Imp. pasture: no rock, farms, no trees
93	1.5	0.1	Imp. pasture: no rock, farms, trees
94	4.3	0.2	Imp. pasture: rock, no farms, no trees
100	657.2	38.0	Arable: no rock, no farms, no trees
101	2.3	0.1	Arable: no rock, no farms, trees
102	12.1	0.7	Arable: no rock, farms, no trees
104	0.9	0.1	Arable: rock, no farms, no trees
110	13.4	0.8	Dry heather moor: no rock, no burning, no trees
112	25.3	1.5	Dry heather moor: no rock, burning, no trees
113	0.3	N.S	Dry heather moor: no rock, burning, trees
116	0.5	N.S	Dry heather moor: rock, burning, no trees
120	2.4	0.1	Wet heather moor: no rock, no burning, no trees
130	10.9	0.6	Undiff. heather moor: no rock, no burning, no trees
132	56.5	3.3	Undiff. heather moor: no rock, burning, no trees
134	1.2	0.1	Undiff. heather moor: rock, no burning, no trees
140	67.2	3.9	Undiff. Nardus/Molinia: no rock, no trees
141	0.1	N.S	Undiff. Nardus/Molinia: no rock, trees
142	0.7	N.S	Undiff. Nardus/Molinia: rock, no trees
150	9.1	0.5	Smooth grass/rushes: no rock, no trees
151	0.1	N.S	Smooth grass/rushes: no rock, trees
155	9.8	0.6	Smooth grass/low scrub: no rock, no trees
156	7.3	0.4	Smooth grass/low scrub: no rock, trees
157	1.1	0.1	Smooth grass/low scrub: rock, no trees
160	12.6	0.7	Undiff. smooth grass.: no rock, no trees
161	12.3	0.7	Undiff. smooth grass.: no rock, trees
162	5.4	0.3	Undiff. smooth grass.: rock, no trees
163	0.5	N.S	Undiff. smooth grass.: rock, trees
164	0.2	N.S	invalid code
180	6.1	0.4	Blanket bog/peat. veg.: erosion, no trees
182	15.2	0.9	Blanket bog/peat. veg.: no erosion, no trees
183	0.1	N.S	Blanket bog/peat. veg.: no erosion, trees
185	2.1	0.1	Blanket bog/peat. veg.: industrial peat workings
190	0.5	N.S	Undiff. salt marsh: no trees
191	0.2	N.S	Maritime grassland: no trees
200	0.4	N.S	Wetlands: no drains, no trees
201	N.S	N.S	Wetlands: drains, no trees
202	0.3	N.S	Wetlands: no drains, trees
211	2.1	0.1	Partially stabilized dunes

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Table 8.0.3 Total audit of land cover features in Lothian Region in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
328	6.2	0.4	Imp. pasture: no rock, no farms, no trees	Undiff. Nardus/Molinia: no rock, no trees
353	5.1	0.3	Imp. pasture: no rock, no farms, no trees	Smooth grass/rushes: no rock, no trees
389	2.1	0.1	Dry heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
399	1.6	0.1	Smooth grass/rushes: no rock, no trees	Imp. pasture: no rock, no farms, no trees
442	9.5	0.5	Undiff. heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
444	0.3	N.S	Undiff. Nardus/Molinia: no rock, no trees	Undiff. smooth grass.: no rock, no trees
449	0.1	N.S	Blanket bog/peat. veg.: no erosion, no trees	Undiff. Nardus/Molinia: no rock, no trees
486	11.5	0.7	Dry heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
493	1.7	0.1	Undiff. smooth grass.: no rock, no trees	Smooth grass/low scrub: no rock, no trees
532	6.8	0.4	Dry heather moor: no rock, burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
610	0.4	N.S	Golf course	Undiff. mixed woodland (point)
613	0.7	N.S	Golf course	Coniferous plantation (area)
654	0.9	0.1	Golf course	Undiff. mixed woodland (area)
668	16.3	0.9	Undiff. Nardus/Molinia: no rock, no trees	Imp. pasture: no rock, no farms, no trees
672	0.8	N.S	Golf course	Undiff. broadleaved (line)
679	1.3	0.1	Golf course	Undiff. broadleaved (point)
685	0.5	N.S	Golf course	Undiff. broadleaved (area)
694	1.4	0.1	Golf course	Smooth grass/low scrub: rock, no trees
799	2.2	0.1	Bings and refuse tips (area)	Undiff. Nardus/Molinia: no rock, no trees
TOTAL	1729.7	100.0		

Cover types		single feature		features in mosaics	
		area	%	primary	secondary
Open countryside					
A	Arable	388.8	57.5	0	0
B	Improved grassland	64.8	9.6	0	1.6
C	Good rough grassland	22.9	3.4	3.3	1.7
D	Poor rough grassland	12.7	1.9	0	22.2
E	Bracken	0	0	0	0
F	Heather moorland	60.6	9.0	22.2	0
G	Peatland	0	0	0	0
H	Montane	0	0	0	0
I	Rock and cliffs	0	0	0	0
Woodland					
J	Felled woodland	0.7	0.1	0	0
K	Recent planting	6.1	0.9	0	0
L	Coniferous plantation	25.9	3.8	0	0.7
M	Semi-natural coniferous	0	0	0	0
N	Mixed woodland	18.1	2.7	0	0.4
O	Broadleaved	0.5	0.1	0	0.5
P	Scrub	0	0	0	0
Wet ground					
Q	Fresh waters	1.5	0.2	0	0
R	Marshes	0.2	N.S	0	0
S	Saltmarshes	0.5	0.1	0	0
T	Dunes	2.1	0.3	0	0
U	Tidal waters	0	0	0	0
Developed					
V	Rural development	15.7	2.3	1.6	0
W	Urban	27.9	4.1	0	0
Other					
X	Missing photography/obscured land	0.2	N.S	0	0
SUBTOTAL		649.2	96.0		
Y	Mosaics of types above	27.1	4.0	27.1	27.1
DISTRICT TOTAL		676.3	100.0		

Nationally significant mosaics			area	%
FG	Heather moorland	Peatland	0	0
DF	Poor rough grassland	Heather moorland	22.2	3.3
CF	Good rough grassland	Heather moorland	0	0
GH	Peatland	Montane	0	0
CD	Good rough grassland	Poor rough grassland	0	0
BC	Improved grassland	Good rough grassland	1.6	0.2
CE	Good rough grassland	Bracken	0	0
DG	Poor rough grassland	Peatland	0	0
FH	Heather moorland	Montane	0	0
SUBTOTAL			23.8	3.5
Locally significant mosaics			area	%
LV	Coniferous plantation	Rural development	0.7	0.1
OV	Broadleaved	Rural development	0.5	0.1
NV	Mixed woodland	Rural development	0.4	0.1
SUBTOTAL			1.6	0.2
Remaining mosaics			1.7	0.3
MOSAICS OF SUMMARY COVER TYPES			27.1	4.0

Table 8.1.1
**East Lothian
District**
Land cover summary
categories

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not match the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05. Please refer to Figure 6.2 for guidance in the interpretation of this table.

Table 8.1.2 Total audit of land cover features in East Lothian District in which all mosaics are allocated according to primary or secondary feature.

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05 sq km. Please refer to Figure 6.3 for guidance in the interpretation of this table.

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
3	1.5	0	0	Factory
4	1.7	0	0	Airfield
5	6.9	1.6	0	Golf course
7	0.2	0	0	Recreational land
12	4.9	0	0	Quarries and opencast (area)
14	0.3	0	0	Bings and refuse tips (area)
18	1.5	0	0	Water (area)
20	27.9	0	0	Built-up (area)
21	0.2	0	0	Transport features, road
70	25.9	0	0.7	Coniferous plantation (area)
76	0.5	0	0.5	Undiff. broadleaved (area)
79	18.1	0	0.4	Undiff. mixed woodland (area)
83	4.8	0	0	Recent ploughing for forestry
84	0.7	0	0	Recently felled forestry
85	1.4	0	0	Open canopy (young plantation)
90	53.5	0	1.6	Imp. pasture: no rock, no farms, no trees
91	9.0	0	0	Imp. pasture: no rock, no farms, trees
94	2.3	0	0	Imp. pasture: rock, no farms, no trees
100	381.2	0	0	Arable: no rock, no farms, no trees
101	0.4	0	0	Arable: no rock, no farms, trees
102	6.3	0	0	Arable: no rock, farms, no trees
104	0.9	0	0	Arable: rock, no farms, no trees
110	6.6	7.0	0	Dry heather moor: no rock, no burning, no trees
112	2.2	6.8	0	Dry heather moor: no rock, burning, no trees
113	0.3	0	0	Dry heather moor: no rock, burning, trees
130	0.4	8.4	0	Undiff. heather moor: no rock, no burning, no trees
132	51.0	0	0	Undiff. heather moor: no rock, burning, no trees
140	12.7	0	22.2	Undiff. Nardus/Molinia: no rock, no trees
150	0.4	1.6	0	Smooth grass/rushes: no rock, no trees
155	7.9	0	1.7	Smooth grass/low scrub: no rock, no trees
156	5.4	0	0	Smooth grass/low scrub: no rock, trees
160	4.5	1.7	0	Undiff. smooth grass.: no rock, no trees
161	3.0	0	0	Undiff. smooth grass.: no rock, trees
162	1.6	0	0	Undiff. smooth grass.: rock, no trees
164	0.2	0	0	invalid code
190	0.5	0	0	Undiff. salt marsh: no trees
191	0.2	0	0	Maritime grassland: no trees
200	0.2	0	0	Wetlands: no drains, no trees
202	0.1	0	0	Wetlands: no drains, trees
211	2.1	0	0	Partially stabilized dunes
TOTAL	649.2	27.1	27.1	

Table 8.1.3 Total audit of land cover features in East Lothian District in which all mosaics are separately identified. All areas are expressed in square kilometres to 1 decimal place; all percentages are expressed as % of the total area; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S. = not significant = < 0.05

code	area	%	description	
3	1.5	0.2	Factory	
4	1.7	0.2	Airfield	
5	6.9	1.0	Golf course	
7	0.2	N.S.	Recreational land	
12	4.9	0.7	Quarries and opencast (area)	
14	0.3	N.S.	Bings and refuse tips (area)	
18	1.5	0.2	Water (area)	
20	27.9	4.1	Built-up (area)	
21	0.2	N.S.	Transport features, road	
70	25.9	3.8	Coniferous plantation (area)	
76	0.5	0.1	Undiff. broadleaved (area)	
79	18.1	2.7	Undiff. mixed woodland (area)	
83	4.8	0.7	Recent ploughing for forestry	
84	0.7	0.1	Recently felled forestry	
85	1.4	0.2	Open canopy (young plantation)	
90	53.5	7.9	Imp. pasture: no rock, no farms, no trees	
91	9.0	1.3	Imp. pasture: no rock, no farms, trees	
94	2.3	0.3	Imp. pasture: rock, no farms, no trees	
100	381.2	56.4	Arable: no rock, no farms, no trees	
101	0.4	0.1	Arable: no rock, no farms, trees	
102	6.3	0.9	Arable: no rock, farms, no trees	
104	0.9	0.1	Arable: rock, no farms, no trees	
110	6.6	1.0	Dry heather moor: no rock, no burning, no trees	
112	2.2	0.3	Dry heather moor: no rock, burning, no trees	
113	0.3	N.S.	Dry heather moor: no rock, burning, trees	
130	0.4	0.1	Undiff. heather moor: no rock, no burning, no trees	
132	51.0	7.5	Undiff. heather moor: no rock, burning, no trees	
140	12.7	1.9	Undiff. Nardus/Molinia: no rock, no trees	
150	0.4	0.1	Smooth grass/rushes: no rock, no trees	
155	7.9	1.2	Smooth grass/low scrub: no rock, no trees	
156	5.4	0.8	Smooth grass/low scrub: no rock, trees	
160	4.5	0.7	Undiff. smooth grass.: no rock, no trees	
161	3.0	0.4	Undiff. smooth grass.: no rock, trees	
162	1.6	0.2	Undiff. smooth grass.: rock, no trees	
164	0.2	N.S.	invalid code	
190	0.5	0.1	Undiff. salt marsh: no trees	
191	0.2	N.S.	Maritime grassland: no trees	
200	0.2	N.S.	Wetlands: no drains, no trees	
202	0.1	N.S.	Wetlands: no drains, trees	
211	2.1	0.3	Partially stabilized dunes	
code	area	%	primary feature	secondary feature
399	1.6	0.2	Smooth grass/rushes: no rock, no trees	Imp. pasture: no rock, no farms, no trees
442	8.4	1.2	Undiff. heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
486	7.0	1.0	Dry heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
493	1.7	0.3	Undiff. smooth grass.: no rock, no trees	Smooth grass/low scrub: no rock, no trees
532	6.8	1.0	Dry heather moor: no rock, burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
613	0.7	0.1	Golf course	Coniferous plantation (area)
654	0.4	0.1	Golf course	Undiff. mixed woodland (area)
685	0.5	0.1	Golf course	Undiff. broadleaved (area)
TOTAL	676.3	100.0		

Cover types		single feature		features in mosaics	
		area	%	primary	secondary
Open countryside					
A	Arable	80.3	30.5	0	0
B	Improved grassland	18.5	7.0	0	3.2
C	Good rough grassland	4.3	1.6	0	3.4
D	Poor rough grassland	6.6	2.5	3.2	0
E	Bracken	0	0	0	0
F	Heather moorland	9.4	3.6	2.0	0
G	Peatland	0.2	0.1	0	0
H	Montane	0	0	0	0
I	Rock and cliffs	N.S	N.S	0	0
Woodland					
J	Felled woodland	N.S	N.S	0	0
K	Recent planting	0.1	N.S	0	0
L	Coniferous plantation	1.5	0.6	0	0
M	Semi-natural coniferous	0	0	0	0
N	Mixed woodland	4.8	1.8	0	0
O	Broadleaved	2.9	1.1	0	1.7
P	Scrub	0	0	0	0
Wet ground					
Q	Fresh waters	1.0	0.4	0	0
R	Marshes	0.2	0.1	0	0
S	Saltmarshes	0	0	0	0
T	Dunes	0	0	0	0
U	Tidal waters	0	0	0	0
Developed					
V	Rural development	10.2	3.9	3.0	0
W	Urban	114.9	43.6	0	0
Other					
X	Missing photography/obscured land	0	0	0	0
SUBTOTAL		255.0	96.9		
Y	Mosaics of types above	8.2	3.1	8.2	8.2
DISTRICT TOTAL		263.3	100.0		

Nationally significant mosaics			area	%
FG	Heather moorland	Peatland	0	0
DF	Poor rough grassland	Heather moorland	0	0
CF	Good rough grassland	Heather moorland	2.0	0.8
GH	Peatland	Montane	0	0
CD	Good rough grassland	Poor rough grassland	0	0
BC	Improved grassland	Good rough grassland	0	0
CE	Good rough grassland	Bracken	0	0
DG	Poor rough grassland	Peatland	0	0
FH	Heather moorland	Montane	0	0
SUBTOTAL			2.0	0.8
Locally significant mosaics			area	%
BD	Improved grassland	Poor rough grassland	3.2	1.2
OV	Broadleaved	Rural development	1.7	0.6
CV	Good rough grassland	Rural development	1.4	0.5
SUBTOTAL			6.2	2.4
MOSAICS OF SUMMARY COVER TYPES			8.2	3.1

Table 8.2.1

Edinburgh District

Land cover summary categories

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not match the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05. Please refer to Figure 6.2 for guidance in the interpretation of this table.

Table 8.2.2 Total audit of land cover features in Edinburgh District in which all mosaics are allocated according to primary or secondary feature.

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S. = not significant = < 0.05 sq km. Please refer to Figure 6.3 for guidance in the interpretation of this table.

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
3	N.S	0	0	Factory
4	4.8	0	0	Airfield
5	2.5	3.0	0	Golf course
6	N.S	0	0	Cemeteries
7	0.3	0	0	Recreational land
10	N.S	0	0	Rock and cliffs (area)
12	1.2	0	0	Quarries and opencast (area)
14	0.2	0	0	Bings and refuse tips (area)
18	1.0	0	0	Water (area)
20	114.9	0	0	Built-up (area)
21	1.1	0	0	Transport features, road
22	0.1	0	0	Transport features, rail
28	N.S	0	0	Ski tows
70	1.5	0	0	Coniferous plantation (area)
76	2.9	0	0	Undiff. broadleaved (area)
77	0	0	0.4	Undiff. broadleaved (line)
78	0	0	1.3	Undiff. broadleaved (point)
79	4.8	0	0	Undiff. mixed woodland (area)
83	N.S	0	0	Recent ploughing for forestry
84	N.S	0	0	Recently felled forestry
85	0.1	0	0	Open canopy (young plantation)
90	10.4	0	3.2	Imp. pasture: no rock, no farms, no trees
91	7.7	0	0	Imp. pasture: no rock, no farms, trees
92	0.4	0	0	Imp. pasture: no rock, farms, no trees
93	0.1	0	0	Imp. pasture: no rock, farms, trees
100	78.4	0	0	Arable: no rock, no farms, no trees
101	1.9	0	0	Arable: no rock, no farms, trees
110	0	2.0	0	Dry heather moor: no rock, no burning, no trees
112	7.7	0	0	Dry heather moor: no rock, burning, no trees
120	N.S	0	0	Wet heather moor: no rock, no burning, no trees
130	0.9	0	0	Undiff. heather moor: no rock, no burning, no trees
134	0.8	0	0	Undiff. heather moor: rock, no burning, no trees
140	6.1	3.2	0	Undiff. Nardus/Molinia: no rock, no trees
142	0.5	0	0	Undiff. Nardus/Molinia: rock, no trees
150	0.3	0	0	Smooth grass/rushes: no rock, no trees
155	0.9	0	0	Smooth grass/low scrub: no rock, no trees
157	1.1	0	1.4	Smooth grass/low scrub: rock, no trees
160	1.3	0	2.0	Undiff. smooth grass.: no rock, no trees
161	0.6	0	0	Undiff. smooth grass.: no rock, trees
162	0.2	0	0	Undiff. smooth grass.: rock, no trees
182	0.2	0	0	Blanket bog/peat. veg.: no erosion, no trees
183	0.1	0	0	Blanket bog/peat. veg.: no erosion, trees
200	N.S	0	0	Wetlands: no drains, no trees
202	0.2	0	0	Wetlands: no drains, trees
TOTAL	255.0	8.2	8.2	

Table 8.2.3 Total audit of land cover features in Edinburgh District in which all mosaics are separately identified.
All areas are expressed in square kilometres to 1 decimal place; all percentages are expressed as % of the total area; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05

code	area	%	description	
3	N.S	N.S	Factory	
4	4.8	1.8	Airfield	
5	2.5	1.0	Golf course	
6	N.S	N.S	Cemeteries	
7	0.3	0.1	Recreational land	
10	N.S	N.S	Rock and cliffs (area)	
12	1.2	0.4	Quarries and opencast (area)	
14	0.2	0.1	Bings and refuse tips (area)	
18	1.0	0.4	Water (area)	
20	114.9	43.6	Built-up (area)	
21	1.1	0.4	Transport features, road	
22	0.1	N.S	Transport features, rail	
28	N.S	N.S	Ski tows	
70	1.5	0.6	Coniferous plantation (area)	
76	2.9	1.1	Undiff. broadleaved (area)	
79	4.8	1.8	Undiff. mixed woodland (area)	
83	N.S	N.S	Recent ploughing for forestry	
84	N.S	N.S	Recently felled forestry	
85	0.1	N.S	Open canopy (young plantation)	
90	10.4	3.9	Imp. pasture: no rock, no farms, no trees	
91	7.7	2.9	Imp. pasture: no rock, no farms, trees	
92	0.4	0.1	Imp. pasture: no rock, farms, no trees	
93	0.1	N.S	Imp. pasture: no rock, farms, trees	
100	78.4	29.8	Arable: no rock, no farms, no trees	
101	1.9	0.7	Arable: no rock, no farms, trees	
112	7.7	2.9	Dry heather moor: no rock, burning, no trees	
120	N.S	N.S	Wet heather moor: no rock, no burning, no trees	
130	0.9	0.3	Undiff. heather moor: no rock, no burning, no trees	
134	0.8	0.3	Undiff. heather moor: rock, no burning, no trees	
140	6.1	2.3	Undiff. Nardus/Molinia: no rock, no trees	
142	0.5	0.2	Undiff. Nardus/Molinia: rock, no trees	
150	0.3	0.1	Smooth grass/rushes: no rock, no trees	
155	0.9	0.4	Smooth grass/low scrub: no rock, no trees	
157	1.1	0.4	Smooth grass/low scrub: rock, no trees	
160	1.3	0.5	Undiff. smooth grass.: no rock, no trees	
161	0.6	0.2	Undiff. smooth grass.: no rock, trees	
162	0.2	0.1	Undiff. smooth grass.: rock, no trees	
182	0.2	0.1	Blanket bog/peat. veg.: no erosion, no trees	
183	0.1	N.S	Blanket bog/peat. veg.: no erosion, trees	
200	N.S	N.S	Wetlands: no drains, no trees	
202	0.2	0.1	Wetlands: no drains, trees	
code	area	%	primary feature	secondary feature
389	2.0	0.8	Dry heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
668	3.2	1.2	Undiff. Nardus/Molinia: no rock, no trees	Imp. pasture: no rock, no farms, no trees
672	0.4	0.2	Golf course	Undiff. broadleaved (line)
679	1.3	0.5	Golf course	Undiff. broadleaved (point)
694	1.4	0.5	Golf course	Smooth grass/low scrub: rock, no trees
TOTAL	263.3	100.0		

Cover types		single feature		features in mosaics	
		area	%	primary	secondary
Open countryside					
A	Arable	123.7	34.2	0	0
B	Improved grassland	80.6	22.3	6.3	0
C	Good rough grassland	15.4	4.3	0	1.2
D	Poor rough grassland	35.1	9.7	0.3	9.9
E	Bracken	0	0	0	0
F	Heather moorland	23.3	6.4	4.6	0
G	Peatland	8.3	2.3	0	0
H	Montane	0	0	0	0
I	Rock and cliffs	0	0	0	0
Woodland					
J	Felled woodland	0.3	0.1	0	0
K	Recent planting	1.4	0.4	0	0
L	Coniferous plantation	11.7	3.2	0	0
M	Semi-natural coniferous	0.1	N.S	0	0
N	Mixed woodland	15.4	4.3	0	0
O	Broadleaved	2.5	0.7	0	0
P	Scrub	0.3	0.1	0	0
Wet ground					
Q	Fresh waters	2.5	0.7	0	0
R	Marshes	0.3	0.1	0	0
S	Saltmarshes	0	0	0	0
T	Dunes	0	0	0	0
U	Tidal waters	0	0	0	0
Developed					
V	Rural development	5.4	1.5	0	0
W	Urban	24.3	6.7	0	0
Other					
X	Missing photography/obscured land	0	0	0	0
SUBTOTAL		350.5	96.9		
Y	Mosaics of types above	11.2	3.1	11.2	11.2
DISTRICT TOTAL		361.7	100.0		

Nationally significant mosaics			area	%
FG	Heather moorland	Peatland	0	0
DF	Poor rough grassland	Heather moorland	4.5	1.3
CF	Good rough grassland	Heather moorland	0.1	N.S
GH	Peatland	Montane	0	0
CD	Good rough grassland	Poor rough grassland	0.3	0.1
BC	Improved grassland	Good rough grassland	0.9	0.2
CE	Good rough grassland	Bracken	0	0
DG	Poor rough grassland	Peatland	0	0
FH	Heather moorland	Montane	0	0
SUBTOTAL			5.8	1.6
Locally significant mosaic			area	%
BD	Improved grassland	Poor rough grassland	5.4	1.5
SUBTOTAL			5.4	1.5
MOSAICS OF SUMMARY COVER TYPES			11.2	3.1

Table 8.3.1

Midlothian District

Land cover summary categories

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not match the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05. Please refer to Figure 6.2 for guidance in the interpretation of this table.

Table 8.3.2 Total audit of land cover features in Midlothian District in which all mosaics are allocated according to primary or secondary feature.

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05 sq km. Please refer to Figure 6.3 for guidance in the interpretation of this table.

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
3	0.1	0	0	Factory
4	0.2	0	0	Airfield
5	N.S	0	0	Golf course
6	N.S	0	0	Cemeteries
7	0.3	0	0	Recreational land
12	2.7	0	0	Quarries and opencast (area)
14	1.9	0	0	Bings and refuse tips (area)
18	2.5	0	0	Water (area)
20	24.3	0	0	Built-up (area)
28	0.1	0	0	Ski tows
70	11.7	0	0	Coniferous plantation (area)
73	0.1	0	0	Coniferous semi-natural (area)
76	2.5	0	0	Undiff. broadleaved (area)
79	15.4	0	0	Undiff. mixed woodland (area)
82	0.3	0	0	Undiff. low scrub
83	0.5	0	0	Recent ploughing for forestry
84	0.3	0	0	Recently felled forestry
85	0.9	0	0	Open canopy (young plantation)
86	N.S	0	0	Rhododendron scrub
90	74.8	6.3	0	Imp. pasture: no rock, no farms, no trees
91	5.8	0	0	Imp. pasture: no rock, no farms, trees
93	N.S	0	0	Imp. pasture: no rock, farms, trees
100	122.3	0	0	Arable: no rock, no farms, no trees
102	1.4	0	0	Arable: no rock, farms, no trees
110	6.7	4.6	0	Dry heather moor: no rock, no burning, no trees
112	9.3	0	0	Dry heather moor: no rock, burning, no trees
120	2.2	0	0	Wet heather moor: no rock, no burning, no trees
130	4.7	0	0	Undiff. heather moor: no rock, no burning, no trees
134	0.4	0	0	Undiff. heather moor: rock, no burning, no trees
140	34.9	0.3	9.9	Undiff. Nardus/Molinia: no rock, no trees
142	0.2	0	0	Undiff. Nardus/Molinia: rock, no trees
150	5.7	0	0.9	Smooth grass/rushes: no rock, no trees
155	0.3	0	0	Smooth grass/low scrub: no rock, no trees
156	1.2	0	0	Smooth grass/low scrub: no rock, trees
160	4.0	0	0.4	Undiff. smooth grass.: no rock, no trees
161	3.4	0	0	Undiff. smooth grass.: no rock, trees
162	0.8	0	0	Undiff. smooth grass.: rock, no trees
180	3.5	0	0	Blanket bog/peat. veg.: erosion, no trees
182	4.3	0	0	Blanket bog/peat. veg.: no erosion, no trees
185	0.5	0	0	Blanket bog/peat. veg.: industrial peat workings
200	0.3	0	0	Wetlands: no drains, no trees
TOTAL	350.5	11.2	11.2	

Table 8.3.3 Total audit of land cover features in Midlothian District in which all mosaics are separately identified.

All areas are expressed in square kilometres to 1 decimal place; all percentages are expressed as % of the total area; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05

code	area	%	description	
3	0.1	N.S	Factory	
4	0.2	0.1	Airfield	
5	N.S	N.S	Golf course	
6	N.S	N.S	Cemeteries	
7	0.3	0.1	Recreational land	
12	2.7	0.8	Quarries and opencast (area)	
14	1.9	0.5	Bings and refuse tips (area)	
18	2.5	0.7	Water (area)	
20	24.3	6.7	Built-up (area)	
28	0.1	N.S	Ski tows	
70	11.7	3.2	Coniferous plantation (area)	
73	0.1	N.S	Coniferous semi-natural (area)	
76	2.5	0.7	Undiff. broadleaved (area)	
79	15.4	4.3	Undiff. mixed woodland (area)	
82	0.3	0.1	Undiff. low scrub	
83	0.5	0.1	Recent ploughing for forestry	
84	0.3	0.1	Recently felled forestry	
85	0.9	0.2	Open canopy (young plantation)	
86	N.S	N.S	Rhododendron scrub	
90	74.8	20.7	Imp. pasture: no rock, no farms, no trees	
91	5.8	1.6	Imp. pasture: no rock, no farms, trees	
93	N.S	N.S	Imp. pasture: no rock, farms, trees	
100	122.3	33.8	Arable: no rock, no farms, no trees	
102	1.4	0.4	Arable: no rock, farms, no trees	
110	6.7	1.9	Dry heather moor: no rock, no burning, no trees	
112	9.3	2.6	Dry heather moor: no rock, burning, no trees	
120	2.2	0.6	Wet heather moor: no rock, no burning, no trees	
130	4.7	1.3	Undiff. heather moor: no rock, no burning, no trees	
134	0.4	0.1	Undiff. heather moor: rock, no burning, no trees	
140	34.9	9.7	Undiff. Nardus/Molinia: no rock, no trees	
142	0.2	N.S	Undiff. Nardus/Molinia: rock, no trees	
150	5.7	1.6	Smooth grass/rushes: no rock, no trees	
155	0.3	0.1	Smooth grass/low scrub: no rock, no trees	
156	1.2	0.3	Smooth grass/low scrub: no rock, trees	
160	4.0	1.1	Undiff. smooth grass.: no rock, no trees	
161	3.4	0.9	Undiff. smooth grass.: no rock, trees	
162	0.8	0.2	Undiff. smooth grass.: rock, no trees	
180	3.5	1.0	Blanket bog/peat. veg.: erosion, no trees	
182	4.3	1.2	Blanket bog/peat. veg.: no erosion, no trees	
185	0.5	0.1	Blanket bog/peat. veg.: industrial peat workings	
200	0.3	0.1	Wetlands: no drains, no trees	
code	area	%	primary feature	secondary feature
328	5.4	1.5	Imp. pasture: no rock, no farms, no trees	Undiff. Nardus/Molinia: no rock, no trees
353	0.9	0.2	Imp. pasture: no rock, no farms, no trees	Smooth grass/rushes: no rock, no trees
389	0.1	N.S	Dry heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
444	0.3	0.1	Undiff. Nardus/Molinia: no rock, no trees	Undiff. smooth grass.: no rock, no trees
486	4.5	1.3	Dry heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
TOTAL	361.7	100.0		

Cover types		single feature		features in mosaics	
		area	%	primary	secondary
Open countryside					
A	Arable	79.8	18.6	0	0
B	Improved grassland	145.5	34.0	5.1	13.0
C	Good rough grassland	15.8	3.7	0	4.2
D	Poor rough grassland	13.5	3.2	13.0	4.2
E	Bracken	0	0	0	0
F	Heather moorland	17.0	4.0	1.0	0
G	Peatland	14.9	3.5	0.1	0
H	Montane	0	0	0	0
I	Rock and cliffs	0	0	0	0
Woodland					
J	Felled woodland	1.1	0.2	0	0
K	Recent planting	10.3	2.4	0	0
L	Coniferous plantation	30.0	7.0	0	0
M	Semi-natural coniferous	N.S	N.S	0	0
N	Mixed woodland	8.2	1.9	0	0.9
O	Broadleaved	2.0	0.5	0	0.4
P	Scrub	0.7	0.2	0	0
Wet ground					
Q	Fresh waters	3.6	0.8	0	0
R	Marshes	N.S	N.S	0	0
S	Saltmarshes	0	0	0	0
T	Dunes	0	0	0	0
U	Tidal waters	0	0	0	0
Developed					
V	Rural development	17.8	4.2	3.5	0
W	Urban	45.8	10.7	0	0
Other					
X	Missing photography/obscured land	0	0	0	0
SUBTOTAL		405.8	94.7		
Y	Mosaics of types above	22.7	5.3	22.7	22.7
DISTRICT TOTAL		428.5	100.0		

Nationally significant mosaics			area	%
FG	Heather moorland	Peatland	0	0
DF	Poor rough grassland	Heather moorland	1.0	0.2
CF	Good rough grassland	Heather moorland	0	0
GH	Peatland	Montane	0	0
CD	Good rough grassland	Poor rough grassland	0	0
BC	Improved grassland	Good rough grassland	4.2	1.0
CE	Good rough grassland	Bracken	0	0
DG	Poor rough grassland	Peatland	0.1	N.S
FH	Heather moorland	Montane	0	0
SUBTOTAL			5.3	1.2
Locally significant mosaics			area	%
BD	Improved grassland	Poor rough grassland	13.9	3.2
DV	Poor rough grassland	Rural development	2.2	0.5
NV	Mixed woodland	Rural development	0.9	0.2
OV	Broadleaved	Rural development	0.4	0.1
SUBTOTAL			17.4	4.1
MOSAICS OF SUMMARY COVER TYPES			22.7	5.3

Table 8.4.1

West Lothian District

Land cover summary categories

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not match the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05. Please refer to Figure 6.2 for guidance in the interpretation of this table.

Table 8.4.2 Total audit of land cover features in West Lothian District in which all mosaics are allocated according to primary or secondary feature.

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05 sq km. Please refer to Figure 6.3 for guidance in the interpretation of this table.

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
3	3.5	0	0	Factory
4	0.1	0	0	Airfield
5	2.7	1.3	0	Golf course
6	0.1	0	0	Cemeteries
7	1.1	0	0	Recreational land
12	2.4	0	0	Quarries and opencast (area)
14	6.7	2.2	0	Bings and refuse tips (area)
18	3.6	0	0	Water (area)
20	45.8	0	0	Built-up (area)
21	1.2	0	0	Transport features, road
22	0.1	0	0	Transport features, rail
70	30.0	0	0	Coniferous plantation (area)
73	N.S	0	0	Coniferous semi-natural (area)
76	2.0	0	0	Undiff. broadleaved (area)
77	0	0	0.4	Undiff. broadleaved (line)
79	8.2	0	0.5	Undiff. mixed woodland (area)
81	0	0	0.4	Undiff. mixed woodland (point)
82	0.7	0	0	Undiff. low scrub
83	0.2	0	0	Recent ploughing for forestry
84	1.1	0	0	Recently felled forestry
85	10.1	0	0	Open canopy (young plantation)
90	132.9	5.1	13.0	Imp. pasture: no rock, no farms, no trees
91	7.6	0	0	Imp. pasture: no rock, no farms, trees
92	1.6	0	0	Imp. pasture: no rock, farms, no trees
93	1.4	0	0	Imp. pasture: no rock, farms, trees
94	2.0	0	0	Imp. pasture: rock, no farms, no trees
100	75.3	0	0	Arable: no rock, no farms, no trees
102	4.5	0	0	Arable: no rock, farms, no trees
112	6.0	0	0	Dry heather moor: no rock, burning, no trees
116	0.5	0	0	Dry heather moor: rock, burning, no trees
120	0.2	0	0	Wet heather moor: no rock, no burning, no trees
130	4.9	1.0	0	Undiff. heather moor: no rock, no burning, no trees
132	5.4	0	0	Undiff. heather moor: no rock, burning, no trees
140	13.5	13.0	4.2	Undiff. Nardus/Molinia: no rock, no trees
141	0.1	0	0	Undiff. Nardus/Molinia: no rock, trees
150	2.6	0	4.2	Smooth grass/rushes: no rock, no trees
151	0.1	0	0	Smooth grass/rushes: no rock, trees
155	0.7	0	0	Smooth grass/low scrub: no rock, no trees
156	0.7	0	0	Smooth grass/low scrub: no rock, trees
160	2.8	0	0	Undiff. smooth grass.: no rock, no trees
161	5.4	0	0	Undiff. smooth grass.: no rock, trees
162	2.9	0	0	Undiff. smooth grass.: rock, no trees
163	0.5	0	0	Undiff. smooth grass.: rock, trees
180	2.6	0	0	Blanket bog/peat. veg.: erosion, no trees

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Table 8.4.2 Total audit of land cover features in West Lothian District in which all mosaics are allocated according to primary or secondary feature (continued).

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
182	10.7	0.1	0	Blanket bog/peat. veg.: no erosion, no trees
185	1.6	0	0	Blanket bog/peat. veg.: industrial peat workings
200	N.S	0	0	Wetlands: no drains, no trees
201	N.S	0	0	Wetlands: drains, no trees
TOTAL	405.8	22.7	22.7	

Table 8.4.3 Total audit of land cover features in West Lothian District in which all mosaics are separately identified.

All areas are expressed in square kilometres to 1 decimal place; all percentages are expressed as % of the total area; the totals

code	area	%	description
3	3.5	0.8	Factory
4	0.1	N.S	Airfield
5	2.7	0.6	Golf course
6	0.1	N.S	Cemeteries
7	1.1	0.2	Recreational land
12	2.4	0.6	Quarries and opencast (area)
14	6.7	1.6	Bings and refuse tips (area)
18	3.6	0.8	Water (area)
20	45.8	10.7	Built-up (area)
21	1.2	0.3	Transport features, road
22	0.1	N.S	Transport features, rail
70	30.0	7.0	Coniferous plantation (area)
73	N.S	N.S	Coniferous semi-natural (area)
76	2.0	0.5	Undiff. broadleaved (area)
79	8.2	1.9	Undiff. mixed woodland (area)
82	0.7	0.2	Undiff. low scrub
83	0.2	N.S	Recent ploughing for forestry
84	1.1	0.2	Recently felled forestry
85	10.1	2.4	Open canopy (young plantation)
90	132.9	31.0	Imp. pasture: no rock, no farms, no trees
91	7.6	1.8	Imp. pasture: no rock, no farms, trees
92	1.6	0.4	Imp. pasture: no rock, farms, no trees
93	1.4	0.3	Imp. pasture: no rock, farms, trees
94	2.0	0.5	Imp. pasture: rock, no farms, no trees
100	75.3	17.6	Arable: no rock, no farms, no trees
102	4.5	1.0	Arable: no rock, farms, no trees
112	6.0	1.4	Dry heather moor: no rock, burning, no trees
116	0.5	0.1	Dry heather moor: rock, burning, no trees
120	0.2	N.S	Wet heather moor: no rock, no burning, no trees
130	4.9	1.1	Undiff. heather moor: no rock, no burning, no trees
132	5.4	1.3	Undiff. heather moor: no rock, burning, no trees
140	13.5	3.1	Undiff. Nardus/Molinia: no rock, no trees

continued on next page

Table 8.4.3 Total audit of land cover features in West Lothian District in which all mosaics are separately identified (continued).

code	area	%	description	
141	0.1	N.S	Undiff. Nardus/Molinia: no rock, trees	
150	2.6	0.6	Smooth grass/rushes: no rock, no trees	
151	0.1	N.S	Smooth grass/rushes: no rock, trees	
155	0.7	0.2	Smooth grass/low scrub: no rock, no trees	
156	0.7	0.2	Smooth grass/low scrub: no rock, trees	
160	2.8	0.7	Undiff. smooth grass.: no rock, no trees	
161	5.4	1.3	Undiff. smooth grass.: no rock, trees	
162	2.9	0.7	Undiff. smooth grass.: rock, no trees	
163	0.5	0.1	Undiff. smooth grass.: rock, trees	
180	2.6	0.6	Blanket bog/peat. veg.: erosion, no trees	
182	10.7	2.5	Blanket bog/peat. veg.: no erosion, no trees	
185	1.6	0.4	Blanket bog/peat. veg.: industrial peat workings	
200	N.S	N.S	Wetlands: no drains, no trees	
201	N.S	N.S	Wetlands: drains, no trees	
code	area	%	primary feature	secondary feature
328	0.9	0.2	Imp. pasture: no rock, no farms, no trees	Undiff. Nardus/Molinia: no rock, no trees
353	4.2	1.0	Imp. pasture: no rock, no farms, no trees	Smooth grass/rushes: no rock, no trees
442	1.0	0.2	Undiff. heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
449	0.1	N.S	Blanket bog/peat. veg.: no erosion, no trees	Undiff. Nardus/Molinia: no rock, no trees
610	0.4	0.1	Golf course	Undiff. mixed woodland (point)
654	0.5	0.1	Golf course	Undiff. mixed woodland (area)
668	13.0	3.0	Undiff. Nardus/Molinia: no rock, no trees	Imp. pasture: no rock, no farms, no trees
672	0.4	0.1	Golf course	Undiff. broadleaved (line)
799	2.2	0.5	Bings and refuse tips (area)	Undiff. Nardus/Molinia: no rock, no trees
TOTAL	428.5	100.0		

Cover types		single feature		features in mosaics	
		area	%	primary	secondary
Open countryside					
A	Arable	99.2	0.7	0	N.S
B	Improved grassland	2906.9	21.1	286.0	63.6
C	Good rough grassland	416.2	3.0	760.8	830.4
D	Poor rough grassland	510.7	3.7	572.7	875.1
E	Bracken	24.7	0.2	92.9	351.6
F	Heather moorland	388.8	2.8	2200.9	753.7
G	Peatland	668.6	4.9	428.0	1513.4
H	Montane	173.2	1.3	96.0	31.9
I	Rock and cliffs	13.0	0.1	12.7	20.8
Woodland					
J	Felled woodland	66.7	0.5	5.2	2.2
K	Recent planting	1088.9	7.9	51.5	69.6
L	Coniferous plantation	1264.5	9.2	15.7	10.5
M	Semi-natural coniferous	1.2	N.S	0	0
N	Mixed woodland	174.7	1.3	2.5	11.9
O	Broadleaved	240.4	1.7	12.8	12.1
P	Scrub	21.7	0.2	0.3	7.2
Wet ground					
Q	Fresh waters	221.1	1.6	0	N.S
R	Marshes	13.4	0.1	0.5	11.9
S	Saltmarshes	6.9	0.1	0.1	N.S
T	Dunes	42.5	0.3	14.8	4.7
U	Tidal waters	7.0	0.1	0	0
Developed					
V	Rural development	166.9	1.2	18.3	1.4
W	Urban	627.1	4.6	0.2	0.1
Other					
X	Missing photography/obscured land	39.6	0.3	0	0
SUBTOTAL		9183.7	66.8		
Y	Mosaics of types above	4572.1	33.2	4572.1	4572.1
REGIONAL TOTAL		13755.9	100.0		

Nationally significant mosaics			area	%
FG	Heather moorland	Peatland	1575.4	11.5
DF	Poor rough grassland	Heather moorland	894.4	6.5
CF	Good rough grassland	Heather moorland	306.8	2.2
GH	Peatland	Montane	87.6	0.6
CD	Good rough grassland	Poor rough grassland	258.6	1.9
BC	Improved grassland	Good rough grassland	260.1	1.9
CE	Good rough grassland	Bracken	341.6	2.5
DG	Poor rough grassland	Peatland	191.0	1.4
FH	Heather moorland	Montane	29.9	0.2
SUBTOTAL			3945.4	28.7
Locally significant mosaics			area	%
BD	Improved grassland	Poor rough grassland	68.6	0.5
EF	Bracken	Heather moorland	65.2	0.5
CG	Good rough grassland	Peatland	62.2	0.5
FK	Heather moorland	Recent planting	60.8	0.4
DE	Poor rough grassland	Bracken	24.8	0.2
SUBTOTAL			281.5	2.0
Remaining mosaics			345.2	2.5
MOSAICS OF SUMMARY COVER TYPES			4572.1	33.2

Table 9.0.1

Strathclyde Region

Land cover summary categories

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not match the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05. Please refer to Figure 6.2 for guidance in the interpretation of this table.

Table 9.0.2 Total audit of land cover features in Strathclyde Region in which all mosaics are allocated according to primary or secondary feature.

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S. = not significant = < 0.05 sq km. Please refer to Figure 6.3 for guidance in the interpretation of this table.

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
3	39.5	0.1	0	Factory
4	11.9	0	0	Airfield
5	41.0	17.3	0	Golf course
6	2.9	0	0	Cemeteries
7	11.6	N.S	0.1	Recreational land
10	13.0	12.1	20.8	Rock and cliffs (area)
11	0	0.6	0	Cliffs (line)
12	36.0	0.5	0.2	Quarries and opencast (area)
14	16.3	0.1	0	Bings and refuse tips (area)
15	0	0	0.9	Bings and refuse tips (point)
18	221.1	0	0	Water (area)
19	0	0	N.S	Water (point)
20	627.1	0.2	0.1	Built-up (area)
21	6.8	0.3	0	Transport features, road
22	0.8	0	0.2	Transport features, rail
24	7.0	0	0	Estuary
25	1.5	0	0	No photography
26	38.1	0	0	Cloud cover
27	N.S	0	0	Snow cover
28	N.S	0	0	Ski tows
70	1264.5	15.7	8.9	Coniferous plantation (area)
71	0	0	0.5	Coniferous plantation (line)
72	0	0	1.1	Coniferous plantation (point)
73	1.2	0	0	Coniferous semi-natural (area)
76	240.4	12.8	9.5	Undiff. broadleaved (area)
77	0	0	1.0	Undiff. broadleaved (line)
78	0	0	1.7	Undiff. broadleaved (point)
79	174.7	2.5	5.5	Undiff. mixed woodland (area)
80	0	0	4.0	Undiff. mixed woodland (line)
81	0	0	2.3	Undiff. mixed woodland (point)
82	21.4	0.3	7.0	Undiff. low scrub
83	447.0	34.8	45.8	Recent ploughing for forestry
84	66.7	5.2	2.2	Recently felled forestry
85	609.5	16.7	23.8	Open canopy (young plantation)
86	0.2	0	0.1	Rhododendron scrub
87	32.4	0	0	Recent 'ripping' for forestry
90	2768.9	216.9	40.9	Imp. pasture: no rock, no farms, no trees
91	39.9	4.8	0.3	Imp. pasture: no rock, no farms, trees
92	8.3	0.9	0	Imp. pasture: no rock, farms, no trees
93	11.7	0	0	Imp. pasture: no rock, farms, trees
94	75.2	61.5	22.3	Imp. pasture: rock, no farms, no trees
95	1.7	0.2	0.1	Imp. pasture: rock, no farms, trees
96	1.1	1.6	0	Imp. pasture: rock, farms, no trees
97	0	0.2	0	Imp. pasture: rock, farms, trees

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Table 9.0.2 Total audit of land cover features in Strathclyde Region in which all mosaics are allocated according to primary or secondary feature (continued).

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
100	95.9	0	0	Arable: no rock, no farms, no trees
101	1.0	0	0	Arable: no rock, no farms, trees
102	2.2	0	0	Arable: no rock, farms, no trees
104	0.1	0	0	Arable: rock, no farms, no trees
106	0	0	N.S	Arable: rock, farms, no trees
110	20.0	27.0	15.3	Dry heather moor: no rock, no burning, no trees
111	0.4	0.1	0.1	Dry heather moor: no rock, no burning, trees
112	75.8	0.6	0.3	Dry heather moor: no rock, burning, no trees
114	5.2	12.2	13.7	Dry heather moor: rock, no burning, no trees
115	0.1	0.3	0.3	Dry heather moor: rock, no burning, trees
116	3.5	0.6	0	Dry heather moor: rock, burning, no trees
120	22.1	22.9	61.6	Wet heather moor: no rock, no burning, no trees
121	0.2	0	0	Wet heather moor: no rock, no burning, trees
122	0.5	1.5	4.6	Wet heather moor: no rock, burning, no trees
124	2.8	37.6	30.2	Wet heather moor: rock, no burning, no trees
130	57.7	556.1	237.0	Undiff. heather moor: no rock, no burning, no trees
131	2.2	4.6	3.6	Undiff. heather moor: no rock, no burning, trees
132	77.0	1.1	N.S	Undiff. heather moor: no rock, burning, no trees
134	116.8	1529.9	382.0	Undiff. heather moor: rock, no burning, no trees
135	2.2	3.5	5.0	Undiff. heather moor: rock, no burning, trees
136	2.2	2.9	0	Undiff. heather moor: rock, burning, no trees
140	473.4	404.0	541.0	Undiff. Nardus/Molinia: no rock, no trees
141	6.7	5.9	5.5	Undiff. Nardus/Molinia: no rock, trees
142	28.6	162.4	327.4	Undiff. Nardus/Molinia: rock, no trees
143	2.0	0.4	1.3	Undiff. Nardus/Molinia: rock, trees
150	82.0	112.0	396.9	Smooth grass/rushes: no rock, no trees
151	4.0	1.8	5.2	Smooth grass/rushes: no rock, trees
152	3.3	88.4	67.5	Smooth grass/rushes: rock, no trees
153	0.7	0.7	0.1	Smooth grass/rushes: rock, trees
155	17.1	8.9	9.5	Smooth grass/low scrub: no rock, no trees
156	17.3	2.5	1.5	Smooth grass/low scrub: no rock, trees
157	10.6	15.3	4.3	Smooth grass/low scrub: rock, no trees
158	2.3	2.2	3.6	Smooth grass/low scrub: rock, trees
160	118.3	181.2	136.6	Undiff. smooth grass.: no rock, no trees
161	45.6	12.6	8.3	Undiff. smooth grass.: no rock, trees
162	82.1	314.8	184.7	Undiff. smooth grass.: rock, no trees
163	32.0	19.9	11.5	Undiff. smooth grass.: rock, trees
170	9.7	40.3	71.1	Undiff. bracken: no rock, no trees
171	7.6	8.7	4.6	Undiff. bracken: no rock, trees
172	4.6	38.8	271.2	Undiff. bracken: rock, no trees
173	2.9	5.1	4.7	Undiff. bracken: rock, trees
180	162.5	161.9	377.6	Blanket bog/peat. veg.: erosion, no trees
181	0.5	0	0	Blanket bog/peat. veg.: erosion, trees
182	453.6	238.0	1119.3	Blanket bog/peat. veg.: no erosion, no trees
183	3.0	0.4	1.4	Blanket bog/peat. veg.: no erosion, trees
184	2.2	0.2	N.S	Blanket bog/peat. veg.: dubh lochans
185	9.3	0	0	Blanket bog/peat. veg.: industrial peat workings

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Table 9.0.2 Total audit of land cover features in Strathclyde Region in which all mosaics are allocated according to primary or secondary feature (continued).

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
186	37.5	27.5	15.2	Blanket bog/peat. veg.: other peat workings
190	6.9	0.1	N.S	Undiff. salt marsh: no trees
191	0.8	0.4	0.8	Maritime grassland: no trees
200	6.7	0.5	9.0	Wetlands: no drains, no trees
201	3.3	0	2.8	Wetlands: drains, no trees
202	2.4	0.1	N.S	Wetlands: no drains, trees
203	0.9	0	0	Wetlands: drains, trees
210	2.1	1.0	0	Bare dunes
211	25.3	2.6	1.7	Partially stabilized dunes
212	15.2	11.3	2.7	Links area: grass
213	0	0	0.3	Links area: heath
222	139.6	80.6	27.1	Undiff. montane veg.: rock
223	33.6	15.4	4.8	Undiff. montane veg.: no rock
TOTAL	9183.7	4572.1	4572.1	

Table 9.0.3 Total audit of land cover features in Strathclyde Region in which all mosaics are separately identified.

All areas are expressed in square kilometres to 1 decimal place; all percentages are expressed as % of the total area; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05

code	area	%	description
3	39.5	0.3	Factory
4	11.9	0.1	Airfield
5	41.0	0.3	Golf course
6	2.9	N.S	Cemeteries
7	11.6	0.1	Recreational land
10	13.0	0.1	Rock and cliffs (area)
12	36.0	0.3	Quarries and opencast (area)
14	16.3	0.1	Bings and refuse tips (area)
18	221.1	1.6	Water (area)
20	627.1	4.6	Built-up (area)
21	6.8	0.1	Transport features, road
22	0.9	N.S	Transport features, rail
24	7.0	0.1	Estuary
25	1.5	N.S	No photography
26	38.1	0.3	Cloud cover
27	N.S	N.S	Snow cover
28	N.S	N.S	Ski tows
70	1264.5	9.2	Coniferous plantation (area)
73	1.2	N.S	Coniferous semi-natural (area)
76	240.4	1.8	Undiff. broadleaved (area)
79	174.7	1.3	Undiff. mixed woodland (area)
82	21.4	0.2	Undiff. low scrub
83	447.0	3.3	Recent ploughing for forestry
84	66.7	0.5	Recently felled forestry
85	609.5	4.4	Open canopy (young plantation)

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Table 9.0.3 Total audit of land cover features in Strathclyde Region in which all mosaics are separately identified
(continued).

code	area	%	description
86	0.3	N.S	Rhododendron scrub
87	32.4	0.2	Recent 'ripping' for forestry
90	2768.9	20.1	Imp. pasture: no rock, no farms, no trees
91	39.9	0.3	Imp. pasture: no rock, no farms, trees
92	8.3	0.1	Imp. pasture: no rock, farms, no trees
93	11.8	0.1	Imp. pasture: no rock, farms, trees
94	75.2	0.6	Imp. pasture: rock, no farms, no trees
95	1.7	N.S	Imp. pasture: rock, no farms, trees
96	1.1	N.S	Imp. pasture: rock, farms, no trees
100	95.9	0.7	Arable: no rock, no farms, no trees
101	1.0	N.S	Arable: no rock, no farms, trees
102	2.2	N.S	Arable: no rock, farms, no trees
104	0.1	N.S	Arable: rock, no farms, no trees
110	20.0	0.2	Dry heather moor: no rock, no burning, no trees
111	0.4	N.S	Dry heather moor: no rock, no burning, trees
112	75.8	0.6	Dry heather moor: no rock, burning, no trees
114	5.2	N.S	Dry heather moor: rock, no burning, no trees
115	0.1	N.S	Dry heather moor: rock, no burning, trees
116	3.5	N.S	Dry heather moor: rock, burning, no trees
120	22.1	0.2	Wet heather moor: no rock, no burning, no trees
121	0.2	N.S	Wet heather moor: no rock, no burning, trees
122	0.5	N.S	Wet heather moor: no rock, burning, no trees
124	2.8	N.S	Wet heather moor: rock, no burning, no trees
130	57.7	0.4	Undiff. heather moor: no rock, no burning, no trees
131	2.2	N.S	Undiff. heather moor: no rock, no burning, trees
132	77.0	0.6	Undiff. heather moor: no rock, burning, no trees
134	116.8	0.9	Undiff. heather moor: rock, no burning, no trees
135	2.2	N.S	Undiff. heather moor: rock, no burning, trees
136	2.2	N.S	Undiff. heather moor: rock, burning, no trees
140	473.4	3.4	Undiff. Nardus/Molinia: no rock, no trees
141	6.7	0.1	Undiff. Nardus/Molinia: no rock, trees
142	28.6	0.2	Undiff. Nardus/Molinia: rock, no trees
143	2.0	N.S	Undiff. Nardus/Molinia: rock, trees
150	82.0	0.6	Smooth grass/rushes: no rock, no trees
151	4.0	N.S	Smooth grass/rushes: no rock, trees
152	3.3	N.S	Smooth grass/rushes: rock, no trees
153	0.7	N.S	Smooth grass/rushes: rock, trees
155	17.1	0.1	Smooth grass/low scrub: no rock, no trees
156	17.3	0.1	Smooth grass/low scrub: no rock, trees
157	10.6	0.1	Smooth grass/low scrub: rock, no trees
158	2.3	N.S	Smooth grass/low scrub: rock, trees
160	118.3	0.9	Undiff. smooth grass.: no rock, no trees
161	45.6	0.3	Undiff. smooth grass.: no rock, trees
162	82.1	0.6	Undiff. smooth grass.: rock, no trees
163	32.0	0.2	Undiff. smooth grass.: rock, trees
170	9.7	0.1	Undiff. bracken: no rock, no trees
171	7.6	0.1	Undiff. bracken: no rock, trees
172	4.6	N.S	Undiff. bracken: rock, no trees
173	2.9	N.S	Undiff. bracken: rock, trees
180	162.5	1.2	Blanket bog/peat. veg.: erosion, no trees

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Table 9.0.3 Total audit of land cover features in Strathclyde Region in which all mosaics are separately identified (continued).

code	area	%	description	
181	0.5	N.S	Blanket bog/peat. veg.: erosion, trees	
182	453.6	3.3	Blanket bog/peat. veg.: no erosion, no trees	
183	3.0	N.S	Blanket bog/peat. veg.: no erosion, trees	
184	2.2	N.S	Blanket bog/peat. veg.: dubh lochans	
185	9.3	0.1	Blanket bog/peat. veg.: industrial peat workings	
186	37.5	0.3	Blanket bog/peat. veg.: other peat workings	
190	6.9	0.1	Undiff. salt marsh: no trees	
191	0.8	N.S	Maritime grassland: no trees	
200	6.7	0.1	Wetlands: no drains, no trees	
201	3.3	N.S	Wetlands: drains, no trees	
202	2.4	N.S	Wetlands: no drains, trees	
203	0.9	N.S	Wetlands: drains, trees	
210	2.1	N.S	Bare dunes	
211	25.3	0.2	Partially stabilized dunes	
212	15.2	0.1	Links area: grass	
222	139.6	1.0	Undiff. montane veg.: rock	
223	33.6	0.2	Undiff. montane veg.: no rock	
code	area	%	primary feature	secondary feature
301	8.5	0.1	Undiff. smooth grass.: rock, no trees	Dry heather moor: rock, no burning, no trees
309	4.1	N.S	Blanket bog/peat. veg.: no erosion, no trees	Blanket bog/peat. veg.: other peat workings
311	0.4	N.S	Undiff. bracken: rock, no trees	Dry heather moor: rock, no burning, no trees
312	3.7	N.S	Wet heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
313	24.8	0.2	Blanket bog/peat. veg.: no erosion, no trees	Wet heather moor: rock, no burning, no trees
317	57.0	0.4	Undiff. smooth grass.: rock, no trees	Undiff. heather moor: rock, no burning, no trees
324	0.6	N.S	Imp. pasture: no rock, no farms, no trees	Blanket bog/peat. veg.: no erosion, no trees
326	6.5	0.1	Dry heather moor: rock, no burning, no trees	Undiff. smooth grass.: rock, no trees
328	51.5	0.4	Imp. pasture: no rock, no farms, no trees	Undiff. Nardus/Molinia: no rock, no trees
332	0.1	N.S	Undiff. smooth grass.: rock, no trees	Wet heather moor: rock, no burning, no trees
333	3.9	N.S	Links area: grass	Rock and cliffs (area)
342	1.5	N.S	Blanket bog/peat. veg.: other peat workings	Blanket bog/peat. veg.: no erosion, no trees
343	1.4	N.S	Blanket bog/peat. veg.: erosion, no trees	Wet heather moor: rock, no burning, no trees
344	0.3	N.S	Blanket bog/peat. veg.: other peat workings	Wet heather moor: rock, no burning, no trees
347	0.2	N.S	Bare dunes	Links area: grass
353	144.9	1.0	Imp. pasture: no rock, no farms, no trees	Smooth grass/rushes: no rock, no trees
355	5.6	N.S	Blanket bog/peat. veg.: no erosion, no trees	Smooth grass/rushes: no rock, no trees
356	84.4	0.6	Undiff. smooth grass.: no rock, no trees	Smooth grass/rushes: no rock, no trees
357	2.2	N.S	Links area: grass	Imp. pasture: no rock, no farms, no trees
358	13.3	0.1	Blanket bog/peat. veg.: no erosion, no trees	Wet heather moor: no rock, no burning, no trees
359	0.2	N.S	Undiff. heather moor: no rock, no burning, no trees	Imp. pasture: no rock, no farms, no trees
360	796.5	5.8	Undiff. heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
361	1.3	N.S	Wet heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
362	8.5	0.1	Undiff. heather moor: no rock, no burning, no trees	Undiff. bracken: no rock, no trees
364	0.2	N.S	Wet heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
365	6.1	N.S	Undiff. bracken: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
366	31.3	0.2	Undiff. heather moor: rock, no burning, no trees	Undiff. bracken: rock, no trees
367	13.2	0.1	Undiff. bracken: rock, no trees	Undiff. heather moor: rock, no burning, no trees
370	1.3	N.S	Undiff. heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: other peat workings
374	164.3	1.2	Undiff. heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees

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Table 9.0.3 Total audit of land cover features in Strathclyde Region in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
375	1.0	N.S	Links area: grass	Wetlands: drains, no trees
376	1.7	N.S	Imp. pasture: rock, no farms, no trees	Undiff. low scrub
379	0.1	N.S	Smooth grass/low scrub: no rock, no trees	Wetlands: no drains, no trees
380	0.2	N.S	Blanket bog/peat. veg.: other peat workings	Undiff. heather moor: no rock, no burning, no trees
381	16.3	0.1	Blanket bog/peat. veg.: other peat workings	Undiff. heather moor: rock, no burning, no trees
382	64.7	0.5	Blanket bog/peat. veg.: no erosion, no trees	Undiff. heather moor: no rock, no burning, no trees
384	54.8	0.4	Blanket bog/peat. veg.: no erosion, no trees	Undiff. heather moor: rock, no burning, no trees
385	24.7	0.2	Undiff. heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
386	0.1	N.S	Smooth grass/rushes: no rock, no trees	Undiff. low scrub
387	4.5	N.S	Smooth grass/low scrub: no rock, no trees	Smooth grass/rushes: no rock, no trees
389	2.2	N.S	Dry heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
390	5.2	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. smooth grass.: no rock, no trees
393	2.6	N.S	Recently felled forestry	Coniferous plantation (area)
395	1.9	N.S	Smooth grass/rushes: no rock, no trees	Smooth grass/low scrub: no rock, no trees
396	117.1	0.9	Undiff. heather moor: rock, no burning, no trees	Undiff. smooth grass.: rock, no trees
397	3.3	N.S	Undiff. smooth grass.: rock, no trees	Smooth grass/rushes: rock, no trees
399	17.2	0.1	Smooth grass/rushes: no rock, no trees	Imp. pasture: no rock, no farms, no trees
400	4.6	N.S	Undiff. smooth grass.: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
401	186.5	1.4	Undiff. smooth grass.: rock, no trees	Undiff. bracken: rock, no trees
402	35.6	0.3	Smooth grass/rushes: no rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
406	5.3	N.S	Smooth grass/rushes: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
408	0.2	N.S	Undiff. heather moor: no rock, no burning, trees	Undiff. smooth grass.: no rock, trees
409	2.0	N.S	Imp. pasture: no rock, no farms, no trees	Smooth grass/low scrub: no rock, no trees
410	1.8	N.S	Undiff. smooth grass.: no rock, no trees	Imp. pasture: no rock, no farms, no trees
411	0.2	N.S	Undiff. smooth grass.: no rock, trees	Undiff. heather moor: no rock, no burning, trees
413	0.3	N.S	Smooth grass/rushes: no rock, trees	Smooth grass/low scrub: no rock, trees
414	80.6	0.6	Undiff. Nardus/Molinia: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
415	38.7	0.3	Undiff. smooth grass.: no rock, no trees	Undiff. bracken: no rock, no trees
416	90.3	0.7	Undiff. Nardus/Molinia: no rock, no trees	Smooth grass/rushes: no rock, no trees
417	0.2	N.S	Undiff. heather moor: no rock, no burning, no trees	Smooth grass/low scrub: no rock, no trees
418	1.3	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. bracken: no rock, no trees
420	0.3	N.S	Dry heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
421	37.3	0.3	Undiff. smooth grass.: no rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
424	7.1	0.1	Undiff. smooth grass.: rock, no trees	Undiff. Nardus/Molinia: rock, no trees
425	1.6	N.S	Undiff. smooth grass.: no rock, trees	Undiff. bracken: no rock, no trees
426	24.4	0.2	Smooth grass/rushes: no rock, no trees	Undiff. smooth grass.: no rock, no trees
427	0.5	N.S	Imp. pasture: no rock, no farms, trees	Smooth grass/rushes: no rock, trees
429	28.4	0.2	Undiff. Nardus/Molinia: rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
432	0.1	N.S	Undiff. smooth grass.: no rock, trees	Dry heather moor: no rock, no burning, trees
434	2.0	N.S	Undiff. smooth grass.: no rock, trees	Undiff. bracken: no rock, trees
436	6.4	0.1	Undiff. Nardus/Molinia: no rock, no trees	Blanket bog/peat. veg.: erosion, no trees
437	5.0	N.S	Undiff. heather moor: no rock, no burning, no trees	Smooth grass/rushes: no rock, no trees
440	2.0	N.S	Smooth grass/low scrub: no rock, no trees	Undiff. bracken: no rock, no trees
441	0.1	N.S	Smooth grass/low scrub: no rock, trees	Undiff. bracken: no rock, no trees
442	280.0	2.0	Undiff. heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
443	0.3	N.S	Undiff. heather moor: no rock, burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
444	58.3	0.4	Undiff. Nardus/Molinia: no rock, no trees	Undiff. smooth grass.: no rock, no trees
447	8.8	0.1	Blanket bog/peat. veg.: erosion, no trees	Undiff. Nardus/Molinia: rock, no trees
448	254.9	1.9	Undiff. heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: rock, no trees
449	45.9	0.3	Blanket bog/peat. veg.: no erosion, no trees	Undiff. Nardus/Molinia: no rock, no trees

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Table 9.0.3 Total audit of land cover features in Strathclyde Region in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
450	23.3	0.2	Undiff. smooth grass.: rock, no trees	Smooth grass/rushes: no rock, no trees
451	0.2	N.S	Undiff. smooth grass.: rock, no trees	Imp. pasture: no rock, no farms, no trees
452	8.8	0.1	Imp. pasture: rock, no farms, no trees	Smooth grass/rushes: no rock, no trees
453	1.0	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. smooth grass.: rock, no trees
454	1.1	N.S	Open canopy (young plantation)	Coniferous plantation (area)
457	2.8	N.S	Undiff. smooth grass.: rock, trees	Undiff. bracken: rock, trees
458	1.0	N.S	Undiff. smooth grass.: no rock, trees	Smooth grass/rushes: no rock, trees
459	0.4	N.S	Undiff. mixed woodland (area)	Undiff. smooth grass.: no rock, trees
460	0.7	N.S	Dry heather moor: no rock, no burning, no trees	Undiff. bracken: no rock, no trees
464	0.3	N.S	Smooth grass/low scrub: no rock, no trees	Undiff. smooth grass.: no rock, no trees
466	0.2	N.S	Dry heather moor: no rock, burning, no trees	Undiff. smooth grass.: no rock, no trees
474	6.5	0.1	Blanket bog/peat. veg.: erosion, no trees	Undiff. Nardus/Molinia: no rock, no trees
477	71.1	0.5	Undiff. heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: erosion, no trees
478	5.4	N.S	Undiff. heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: other peat workings
481	2.3	N.S	Undiff. heather moor: rock, no burning, no trees	Undiff. smooth grass.: rock, trees
485	10.6	0.1	Undiff. Nardus/Molinia: no rock, no trees	Wet heather moor: no rock, no burning, no trees
486	24.1	0.2	Dry heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
487	0.4	N.S	Undiff. heather moor: no rock, no burning, trees	Smooth grass/rushes: no rock, trees
492	0.5	N.S	Undiff. smooth grass.: rock, no trees	Smooth grass/low scrub: rock, no trees
493	1.8	N.S	Undiff. smooth grass.: no rock, no trees	Smooth grass/low scrub: no rock, no trees
494	104.8	0.8	Undiff. Nardus/Molinia: rock, no trees	Undiff. heather moor: rock, no burning, no trees
495	0.8	N.S	Blanket bog/peat. veg.: no erosion, no trees	Undiff. smooth grass.: rock, no trees
497	10.0	0.1	Blanket bog/peat. veg.: no erosion, no trees	Undiff. Nardus/Molinia: rock, no trees
499	14.4	0.1	Imp. pasture: rock, no farms, no trees	Undiff. smooth grass.: rock, no trees
503	13.5	0.1	Undiff. Nardus/Molinia: rock, no trees	Undiff. smooth grass.: rock, no trees
504	0.1	N.S	Undiff. Nardus/Molinia: rock, no trees	Smooth grass/low scrub: rock, no trees
505	1.6	N.S	Smooth grass/low scrub: rock, no trees	Undiff. bracken: rock, no trees
506	0.2	N.S	Links area: grass	Links area: heath
507	0.8	N.S	Smooth grass/low scrub: no rock, no trees	Imp. pasture: no rock, no farms, no trees
509	1.8	N.S	Coniferous plantation (area)	Recently felled forestry
510	0.7	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. heather moor: no rock, no burning, no trees
513	0.1	N.S	Dry heather moor: no rock, no burning, trees	Undiff. bracken: no rock, trees
514	0.9	N.S	Smooth grass/low scrub: rock, no trees	Imp. pasture: rock, no farms, no trees
517	3.5	N.S	Undiff. Nardus/Molinia: rock, no trees	Wet heather moor: rock, no burning, no trees
518	0.1	N.S	Imp. pasture: no rock, farms, no trees	Smooth grass/rushes: no rock, no trees
521	18.8	0.1	Wet heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
522	0.4	N.S	Maritime grassland: no trees	Rock and cliffs (area)
524	11.6	0.1	Smooth grass/rushes: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
528	5.2	N.S	Undiff. smooth grass.: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
530	3.7	N.S	Undiff. smooth grass.: rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
533	0.1	N.S	Smooth grass/low scrub: no rock, trees	Undiff. bracken: no rock, trees
534	2.2	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. low scrub
539	N.S	N.S	Blanket bog/peat. veg.: no erosion, no trees	Blanket bog/peat. veg.: dubh lochans
540	0.2	N.S	Undiff. smooth grass.: rock, no trees	Maritime grassland: no trees
541	0.4	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. heather moor: rock, no burning, no trees
543	2.1	N.S	Undiff. Nardus/Molinia: rock, no trees	Smooth grass/rushes: no rock, no trees
546	0.7	N.S	Golf course	Partially stabilized dunes
549	0.1	N.S	Undiff. broadleaved (area)	Undiff. low scrub
552	0.2	N.S	Dry heather moor: no rock, burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
553	1.1	N.S	Undiff. Nardus/Molinia: rock, no trees	Undiff. bracken: rock, no trees

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Table 9.0.3 Total audit of land cover features in Strathclyde Region in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
554	2.4	N.S	Smooth grass/low scrub: rock, no trees	Smooth grass/rushes: no rock, no trees
556	0.1	N.S	Wet heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: erosion, no trees
557	11.7	0.1	Undiff. bracken: rock, no trees	Undiff. smooth grass.: rock, no trees
558	14.1	0.1	Undiff. bracken: no rock, no trees	Smooth grass/rushes: no rock, no trees
559	0.5	N.S	Undiff. bracken: no rock, trees	Smooth grass/rushes: no rock, trees
560	1.6	N.S	Undiff. bracken: rock, no trees	Undiff. Nardus/Molinia: rock, no trees
561	10.0	0.1	Undiff. bracken: no rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
563	2.4	N.S	Undiff. smooth grass.: rock, no trees	Rock and cliffs (area)
564	112.9	0.8	Undiff. Nardus/Molinia: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
565	31.3	0.2	Blanket bog/peat. veg.: erosion, no trees	Wet heather moor: no rock, no burning, no trees
566	2.8	N.S	Coniferous plantation (area)	Open canopy (young plantation)
568	1.9	N.S	Dry heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: rock, no trees
569	18.3	0.1	Recent ploughing for forestry	Open canopy (young plantation)
570	8.2	0.1	Undiff. smooth grass.: rock, no trees	Imp. pasture: rock, no farms, no trees
571	7.5	0.1	Undiff. smooth grass.: rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
573	32.3	0.2	Wet heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: rock, no trees
580	224.8	1.6	Undiff. heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: erosion, no trees
583	0.2	N.S	Coniferous plantation (area)	Wet heather moor: rock, no burning, no trees
584	0.3	N.S	Undiff. bracken: rock, no trees	Undiff. low scrub
585	0.2	N.S	Undiff. bracken: rock, no trees	Smooth grass/low scrub: rock, no trees
586	7.8	0.1	Smooth grass/rushes: no rock, no trees	Undiff. bracken: no rock, no trees
588	3.8	N.S	Undiff. bracken: rock, trees	Undiff. smooth grass.: rock, trees
589	0.3	N.S	Smooth grass/rushes: no rock, no trees	Undiff. bracken: rock, no trees
590	0.6	N.S	Smooth grass/low scrub: no rock, trees	Smooth grass/rushes: no rock, no trees
592	9.3	0.1	Undiff. Nardus/Molinia: no rock, no trees	Undiff. bracken: no rock, no trees
593	8.6	0.1	Undiff. bracken: no rock, no trees	Undiff. smooth grass.: no rock, no trees
594	4.0	N.S	Golf course	Undiff. mixed woodland (line)
596	3.2	N.S	Blanket bog/peat. veg.: no erosion, no trees	Blanket bog/peat. veg.: erosion, no trees
599	14.4	0.1	Blanket bog/peat. veg.: erosion, no trees	Undiff. montane veg.: rock
602	4.4	N.S	Blanket bog/peat. veg.: erosion, no trees	Undiff. montane veg.: no rock
603	13.0	0.1	Undiff. montane veg.: no rock	Blanket bog/peat. veg.: erosion, no trees
605	0.6	N.S	Imp. pasture: rock, no farms, no trees	Smooth grass/low scrub: rock, no trees
606	12.2	0.1	Smooth grass/rushes: rock, no trees	Imp. pasture: rock, no farms, no trees
607	52.5	0.4	Undiff. montane veg.: rock	Blanket bog/peat. veg.: erosion, no trees
608	2.7	N.S	Undiff. montane veg.: rock	Blanket bog/peat. veg.: no erosion, no trees
609	1.1	N.S	Golf course	Coniferous plantation (point)
610	2.3	N.S	Golf course	Undiff. mixed woodland (point)
613	2.3	N.S	Golf course	Coniferous plantation (area)
620	0.7	N.S	Undiff. montane veg.: no rock	Blanket bog/peat. veg.: no erosion, no trees
628	0.2	N.S	Undiff. bracken: no rock, trees	Smooth grass/low scrub: no rock, trees
629	0.2	N.S	Recent ploughing for forestry	Undiff. mixed woodland (area)
631	2.6	N.S	Undiff. smooth grass.: no rock, no trees	Dry heather moor: no rock, no burning, no trees
632	5.0	N.S	Undiff. heather moor: rock, no burning, no trees	Rock and cliffs (area)
633	3.5	N.S	Undiff. smooth grass.: rock, trees	Blanket bog/peat. veg.: no erosion, no trees
634	60.3	0.4	Blanket bog/peat. veg.: erosion, no trees	Undiff. heather moor: rock, no burning, no trees
635	0.4	N.S	Imp. pasture: no rock, no farms, no trees	Smooth grass/rushes: rock, no trees
636	16.8	0.1	Undiff. heather moor: rock, no burning, no trees	Smooth grass/rushes: rock, no trees
637	27.4	0.2	Imp. pasture: rock, no farms, no trees	Smooth grass/rushes: rock, no trees
639	4.6	N.S	Blanket bog/peat. veg.: other peat workings	Smooth grass/rushes: rock, no trees
645	0.1	N.S	Undiff. bracken: no rock, no trees	Smooth grass/low scrub: no rock, no trees

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Table 9.0.3 Total audit of land cover features in Strathclyde Region in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
651	4.7	N.S	Undiff. smooth grass.: no rock, trees	Smooth grass/rushes: no rock, no trees
654	3.0	N.S	Golf course	Undiff. mixed woodland (area)
657	1.3	N.S	Blanket bog/peat. veg.: other peat workings	Blanket bog/peat. veg.: erosion, no trees
659	0.3	N.S	Undiff. bracken: no rock, no trees	Dry heather moor: no rock, no burning, no trees
660	1.3	N.S	Imp. pasture: no rock, no farms, no trees	Smooth grass/low scrub: rock, no trees
668	16.7	0.1	Undiff. Nardus/Molinia: no rock, no trees	Imp. pasture: no rock, no farms, no trees
672	1.0	N.S	Golf course	Undiff. broadleaved (line)
677	1.7	N.S	Undiff. smooth grass.: no rock, trees	Undiff. Nardus/Molinia: no rock, no trees
678	4.1	N.S	Imp. pasture: no rock, no farms, trees	Smooth grass/rushes: no rock, no trees
679	1.6	N.S	Golf course	Undiff. broadleaved (point)
683	0.9	N.S	Smooth grass/low scrub: rock, trees	Undiff. bracken: rock, trees
684	0.1	N.S	Undiff. smooth grass.: rock, trees	Dry heather moor: rock, no burning, trees
690	0.1	N.S	Blanket bog/peat. veg.: erosion, no trees	Blanket bog/peat. veg.: other peat workings
691	3.9	N.S	Smooth grass/low scrub: rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
697	1.8	N.S	Smooth grass/rushes: no rock, no trees	Wetlands: no drains, no trees
706	0.7	N.S	Rock and cliffs (area)	Undiff. smooth grass.: no rock, no trees
708	0.3	N.S	Undiff. bracken: no rock, no trees	Dry heather moor: no rock, burning, no trees
709	N.S	N.S	Smooth grass/rushes: no rock, no trees	Smooth grass/low scrub: no rock, trees
711	N.S	N.S	Undiff. broadleaved (area)	Smooth grass/low scrub: no rock, trees
713	0.1	N.S	Undiff. low scrub	Undiff. smooth grass.: no rock, no trees
715	0.1	N.S	Undiff. salt marsh: no trees	Wetlands: no drains, no trees
716	5.0	N.S	Smooth grass/rushes: rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
717	N.S	N.S	Links area: grass	Undiff. smooth grass.: rock, no trees
718	0.8	N.S	Partially stabilized dunes	Rock and cliffs (area)
719	0.4	N.S	Links area: grass	Wetlands: no drains, no trees
720	0.7	N.S	Undiff. smooth grass.: rock, no trees	Links area: grass
721	28.8	0.2	Smooth grass/rushes: rock, no trees	Undiff. heather moor: rock, no burning, no trees
723	0.7	N.S	Bare dunes	Partially stabilized dunes
724	0.3	N.S	Imp. pasture: rock, no farms, no trees	Links area: grass
725	1.2	N.S	Blanket bog/peat. veg.: no erosion, no trees	Smooth grass/rushes: rock, no trees
727	1.9	N.S	Blanket bog/peat. veg.: no erosion, no trees	Undiff. smooth grass.: no rock, no trees
736	33.3	0.2	Blanket bog/peat. veg.: erosion, no trees	Undiff. heather moor: no rock, no burning, no trees
737	4.2	N.S	Coniferous plantation (area)	Undiff. broadleaved (area)
740	1.0	N.S	Undiff. heather moor: rock, no burning, trees	Undiff. Nardus/Molinia: rock, trees
741	2.6	N.S	Undiff. heather moor: no rock, no burning, trees	Undiff. Nardus/Molinia: no rock, trees
742	0.3	N.S	Undiff. bracken: rock, trees	Undiff. Nardus/Molinia: rock, trees
743	2.6	N.S	Undiff. Nardus/Molinia: rock, no trees	Blanket bog/peat. veg.: erosion, no trees
744	3.8	N.S	Rock and cliffs (area)	Undiff. heather moor: rock, no burning, no trees
745	0.1	N.S	Undiff. heather moor: rock, no burning, trees	Blanket bog/peat. veg.: no erosion, no trees
746	0.3	N.S	Dry heather moor: rock, no burning, trees	Undiff. bracken: rock, trees
751	3.4	N.S	Undiff. broadleaved (area)	Undiff. smooth grass.: no rock, no trees
756	0.4	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. smooth grass.: no rock, trees
759	0.4	N.S	Undiff. smooth grass.: rock, trees	Smooth grass/rushes: no rock, no trees
761	0.7	N.S	Undiff. smooth grass.: no rock, no trees	Undiff. low scrub
762	12.3	0.1	Undiff. Nardus/Molinia: no rock, no trees	Dry heather moor: no rock, no burning, no trees
766	0.4	N.S	Undiff. broadleaved (area)	Undiff. smooth grass.: rock, trees
770	0.5	N.S	Undiff. heather moor: rock, no burning, trees	Undiff. bracken: rock, trees
771	0.6	N.S	Undiff. heather moor: rock, no burning, trees	Undiff. smooth grass.: rock, trees
773	0.3	N.S	Recently felled forestry	Undiff. broadleaved (area)
777	N.S	N.S	Undiff. broadleaved (area)	Undiff. bracken: rock, trees

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Table 9.0.3 Total audit of land cover features in Strathclyde Region in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
779	0.7	N.S	Dry heather moor: rock, no burning, no trees	Rock and cliffs (area)
783	3.4	N.S	Undiff. smooth grass.: rock, trees	Undiff. heather moor: rock, no burning, trees
784	0.2	N.S	Undiff. smooth grass.: rock, no trees	Undiff. heather moor: rock, no burning, trees
786	0.2	N.S	Blanket bog/peat. veg.: no erosion, no trees	Undiff. smooth grass.: no rock, trees
787	37.0	0.3	Smooth grass/rushes: rock, no trees	Undiff. bracken: rock, no trees
791	0.2	N.S	Imp. pasture: no rock, no farms, trees	Smooth grass/low scrub: no rock, trees
792	0.6	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. smooth grass.: rock, trees
797	0.2	N.S	Links area: grass	Undiff. smooth grass.: no rock, no trees
798	0.3	N.S	Smooth grass/low scrub: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
799	0.1	N.S	Bings and refuse tips (area)	Undiff. Nardus/Molinia: no rock, no trees
800	0.5	N.S	Undiff. heather moor: rock, no burning, trees	Blanket bog/peat. veg.: no erosion, trees
801	0.4	N.S	Smooth grass/low scrub: no rock, trees	Smooth grass/rushes: no rock, trees
802	5.0	N.S	Open canopy (young plantation)	Recent ploughing for forestry
804	0.1	N.S	Smooth grass/low scrub: rock, no trees	Imp. pasture: no rock, no farms, no trees
809	0.4	N.S	Undiff. heather moor: no rock, no burning, no trees	Undiff. low scrub
810	0.8	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. mixed woodland (area)
818	0.1	N.S	Wetlands: no drains, no trees	Imp. pasture: no rock, no farms, no trees
819	1.7	N.S	Smooth grass/rushes: no rock, no trees	Wetlands: drains, no trees
821	0.5	N.S	Imp. pasture: no rock, farms, no trees	Smooth grass/rushes: rock, no trees
822	0.6	N.S	Links area: grass	Imp. pasture: rock, no farms, no trees
823	0.3	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. Nardus/Molinia: rock, no trees
827	0.3	N.S	Links area: grass	Partially stabilized dunes
835	5.6	N.S	Undiff. smooth grass.: rock, trees	Undiff. bracken: rock, no trees
842	0.4	N.S	Smooth grass/rushes: rock, no trees	Undiff. Nardus/Molinia: rock, no trees
844	0.2	N.S	Dry heather moor: no rock, burning, no trees	Undiff. bracken: no rock, no trees
850	0.3	N.S	Undiff. heather moor: rock, no burning, no trees	Smooth grass/rushes: no rock, no trees
855	2.3	N.S	Smooth grass/rushes: no rock, no trees	Undiff. smooth grass.: rock, no trees
856	N.S	N.S	Undiff. Nardus/Molinia: no rock, no trees	Undiff. low scrub
861	0.4	N.S	Undiff. bracken: no rock, no trees	Undiff. low scrub
871	0.3	N.S	Partially stabilized dunes	Wetlands: no drains, no trees
873	17.9	0.1	Undiff. montane veg.: rock	Undiff. heather moor: rock, no burning, no trees
879	0.8	N.S	Undiff. smooth grass.: rock, trees	Undiff. heather moor: rock, no burning, no trees
880	0.1	N.S	Smooth grass/rushes: rock, trees	Undiff. bracken: rock, trees
882	1.7	N.S	Blanket bog/peat. veg.: no erosion, no trees	Undiff. smooth grass.: rock, trees
883	1.7	N.S	Open canopy (young plantation)	Undiff. broadleaved (area)
885	0.3	N.S	Smooth grass/rushes: rock, no trees	Blanket bog/peat. veg.: erosion, no trees
889	0.9	N.S	Blanket bog/peat. veg.: no erosion, no trees	Wetlands: no drains, no trees
890	0.5	N.S	Undiff. montane veg.: no rock	Undiff. heather moor: no rock, no burning, no trees
909	0.1	N.S	Undiff. heather moor: rock, burning, no trees	Undiff. Nardus/Molinia: rock, no trees
910	0.4	N.S	Undiff. montane veg.: no rock	Undiff. Nardus/Molinia: no rock, no trees
911	1.3	N.S	Blanket bog/peat. veg.: other peat workings	Undiff. smooth grass.: rock, no trees
912	11.5	0.1	Undiff. heather moor: rock, no burning, no trees	Undiff. montane veg.: rock
917	0.4	N.S	Undiff. Nardus/Molinia: no rock, no trees	Undiff. montane veg.: no rock
919	0.7	N.S	Undiff. Nardus/Molinia: rock, no trees	Undiff. heather moor: no rock, no burning, no trees
925	2.3	N.S	Undiff. Nardus/Molinia: no rock, trees	Undiff. heather moor: no rock, no burning, trees
933	23.2	0.2	Undiff. heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
939	0.2	N.S	Undiff. smooth grass.: rock, no trees	Blanket bog/peat. veg.: erosion, no trees
940	0.1	N.S	Undiff. heather moor: rock, no burning, trees	Rock and cliffs (area)
945	0.1	N.S	Undiff. broadleaved (area)	Rock and cliffs (area)
947	0.6	N.S	Undiff. bracken: rock, trees	Undiff. heather moor: rock, no burning, trees

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Table 9.0.3 Total audit of land cover features in Strathclyde Region in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
952	0.2	N.S	Undiff. heather moor: no rock, no burning, trees	Blanket bog/peat. veg.: erosion, no trees
955	1.3	N.S	Imp. pasture: no rock, no farms, no trees	Wetlands: no drains, no trees
966	0.1	N.S	Blanket bog/peat. veg.: no erosion, trees	Smooth grass/low scrub: no rock, trees
969	0.5	N.S	Undiff. smooth grass.: no rock, no trees	Wetlands: no drains, no trees
979	1.1	N.S	Imp. pasture: no rock, no farms, no trees	Smooth grass/rushes: no rock, trees
985	6.8	0.1	Undiff. montane veg.: rock	Rock and cliffs (area)
992	1.3	N.S	Smooth grass/rushes: no rock, no trees	Blanket bog/peat. veg.: erosion, no trees
994	0.7	N.S	Dry heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: erosion, no trees
995	3.9	N.S	Undiff. smooth grass.: rock, no trees	Undiff. heather moor: no rock, no burning, no trees
1002	2.3	N.S	Coniferous plantation (area)	Undiff. heather moor: rock, no burning, no trees
1019	5.9	N.S	Imp. pasture: rock, no farms, no trees	Undiff. bracken: rock, no trees
1021	0.7	N.S	Undiff. bracken: rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
1028	4.3	N.S	Undiff. bracken: no rock, trees	Undiff. smooth grass.: no rock, trees
1033	3.5	N.S	Undiff. Nardus/Molinia: rock, no trees	Wet heather moor: no rock, no burning, no trees
1036	0.4	N.S	Undiff. mixed woodland (area)	Undiff. smooth grass.: no rock, no trees
1039	2.1	N.S	Dry heather moor: rock, no burning, no trees	Coniferous plantation (area)
1047	0.2	N.S	Undiff. smooth grass.: no rock, trees	Undiff. Nardus/Molinia: no rock, trees
1048	0.2	N.S	Smooth grass/low scrub: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
1049	0.1	N.S	Smooth grass/low scrub: no rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
1063	1.8	N.S	Open canopy (young plantation)	Dry heather moor: rock, no burning, no trees
1069	1.5	N.S	Blanket bog/peat. veg.: other peat workings	Undiff. Nardus/Molinia: rock, no trees
1071	0.4	N.S	Undiff. smooth grass.: rock, no trees	Undiff. broadleaved (area)
1077	N.S	N.S	Smooth grass/rushes: no rock, trees	Wetlands: no drains, trees
1078	0.3	N.S	Undiff. mixed woodland (area)	Smooth grass/low scrub: no rock, no trees
1081	0.6	N.S	Golf course	Undiff. low scrub
1083	0.6	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. broadleaved (area)
1087	2.7	N.S	Undiff. heather moor: rock, burning, no trees	Undiff. smooth grass.: rock, no trees
1088	2.4	N.S	Wet heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: rock, no trees
1090	0.6	N.S	Undiff. mixed woodland (area)	Smooth grass/low scrub: no rock, trees
1095	0.6	N.S	Undiff. smooth grass.: no rock, no trees	Undiff. broadleaved (area)
1096	0.1	N.S	Undiff. smooth grass.: no rock, trees	Dry heather moor: no rock, no burning, no trees
1098	0.8	N.S	Undiff. broadleaved (area)	Undiff. smooth grass.: no rock, trees
1099	0.1	N.S	Undiff. broadleaved (area)	Built-up (area)
1100	0.1	N.S	Smooth grass/rushes: no rock, trees	Undiff. smooth grass.: no rock, trees
1108	0.1	N.S	Undiff. broadleaved (area)	Blanket bog/peat. veg.: no erosion, no trees
1110	2.8	N.S	Undiff. Nardus/Molinia: no rock, no trees	Wetlands: no drains, no trees
1122	1.7	N.S	Undiff. heather moor: rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
1126	1.0	N.S	Undiff. Nardus/Molinia: rock, no trees	Undiff. smooth grass.: no rock, no trees
1136	0.2	N.S	Undiff. smooth grass.: rock, no trees	Wet heather moor: no rock, no burning, no trees
1137	0.1	N.S	Smooth grass/rushes: no rock, trees	Blanket bog/peat. veg.: no erosion, trees
1142	0.1	N.S	Undiff. low scrub	Undiff. broadleaved (area)
1151	0.6	N.S	Links area: grass	Smooth grass/rushes: no rock, no trees
1176	1.8	N.S	Links area: grass	Smooth grass/low scrub: no rock, no trees
1179	0.1	N.S	Undiff. smooth grass.: rock, trees	Undiff. heather moor: no rock, no burning, no trees
1191	1.4	N.S	Recently felled forestry	Open canopy (young plantation)
1192	37.5	0.3	Undiff. heather moor: rock, no burning, no trees	Recent ploughing for forestry
1193	6.4	0.1	Rock and cliffs (area)	Undiff. smooth grass.: rock, no trees
1194	0.4	N.S	Rock and cliffs (area)	Undiff. smooth grass.: rock, trees
1195	0.1	N.S	Undiff. smooth grass.: rock, no trees	Undiff. smooth grass.: no rock, no trees
1196	0.6	N.S	Rock and cliffs (area)	Maritime grassland: no trees

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Table 9.0.3 Total audit of land cover features in Strathclyde Region in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
1197	0.2	N.S	Undiff. broadleaved (area)	Undiff. Nardus/Molinia: no rock, no trees
1198	0.1	N.S	Imp. pasture: rock, no farms, no trees	Undiff. heather moor: rock, no burning, no trees
1199	0.7	N.S	Smooth grass/low scrub: rock, trees	Undiff. heather moor: rock, no burning, no trees
1200	1.3	N.S	Partially stabilized dunes	Links area: grass
1201	1.8	N.S	Undiff. broadleaved (area)	Undiff. smooth grass.: rock, no trees
1202	0.4	N.S	Smooth grass/rushes: rock, no trees	Smooth grass/low scrub: rock, no trees
1203	0.4	N.S	Smooth grass/rushes: rock, no trees	Wetlands: no drains, no trees
1204	4.0	N.S	Smooth grass/low scrub: rock, no trees	Undiff. heather moor: rock, no burning, no trees
1205	0.2	N.S	Wetlands: no drains, no trees	Smooth grass/rushes: no rock, no trees
1206	0.7	N.S	Smooth grass/rushes: rock, no trees	Imp. pasture: no rock, no farms, no trees
1207	0.2	N.S	Undiff. smooth grass.: no rock, no trees	Quarries and opencast (area)
1208	0.4	N.S	Blanket bog/peat. veg.: other peat workings	Undiff. smooth grass.: no rock, no trees
1210	2.9	N.S	Smooth grass/rushes: rock, no trees	Blanket bog/peat. veg.: other peat workings
1211	1.6	N.S	Imp. pasture: rock, farms, no trees	Smooth grass/rushes: rock, no trees
1212	0.1	N.S	Smooth grass/low scrub: rock, trees	Smooth grass/rushes: rock, no trees
1213	0.3	N.S	Undiff. Nardus/Molinia: rock, no trees	Undiff. broadleaved (area)
1214	0.3	N.S	Undiff. broadleaved (area)	Smooth grass/low scrub: no rock, no trees
1216	9.0	0.1	Undiff. bracken: rock, no trees	Smooth grass/rushes: rock, no trees
1218	0.3	N.S	Smooth grass/rushes: rock, trees	Blanket bog/peat. veg.: no erosion, trees
1219	2.1	N.S	Smooth grass/low scrub: rock, no trees	Smooth grass/rushes: rock, no trees
1220	1.8	N.S	Undiff. broadleaved (area)	Smooth grass/low scrub: rock, trees
1221	0.1	N.S	Partially stabilized dunes	Undiff. smooth grass.: rock, no trees
1222	0.6	N.S	Cliffs (line)	Undiff. smooth grass.: rock, no trees
1223	N.S	N.S	Undiff. mixed woodland (area)	Smooth grass/low scrub: rock, no trees
1224	0.2	N.S	Imp. pasture: rock, no farms, trees	Undiff. smooth grass.: rock, no trees
1225	1.5	N.S	Undiff. broadleaved (area)	Undiff. bracken: rock, no trees
1226	0.3	N.S	Smooth grass/low scrub: rock, trees	Undiff. bracken: rock, no trees
1227	0.1	N.S	Undiff. bracken: rock, no trees	Imp. pasture: no rock, no farms, no trees
1228	N.S	N.S	Smooth grass/rushes: no rock, trees	Arable: rock, farms, no trees
1231	0.3	N.S	Smooth grass/rushes: rock, trees	Undiff. heather moor: rock, no burning, trees
1232	0.8	N.S	Undiff. montane veg.: rock	Undiff. smooth grass.: rock, no trees
1233	0.4	N.S	Undiff. mixed woodland (area)	Smooth grass/low scrub: rock, trees
1235	N.S	N.S	Rock and cliffs (area)	Undiff. salt marsh: no trees
1236	0.1	N.S	Partially stabilized dunes	Links area: heath
1237	0.1	N.S	Smooth grass/rushes: rock, trees	Smooth grass/low scrub: rock, trees
1238	0.2	N.S	Undiff. bracken: rock, no trees	Recently felled forestry
1240	0.3	N.S	Undiff. broadleaved (area)	Open canopy (young plantation)
1241	0.6	N.S	Smooth grass/rushes: no rock, no trees	Blanket bog/peat. veg.: other peat workings
1243	N.S	N.S	Undiff. Nardus/Molinia: rock, no trees	Rock and cliffs (area)
1244	0.5	N.S	Blanket bog/peat. veg.: erosion, no trees	Undiff. smooth grass.: rock, no trees
1245	N.S	N.S	Smooth grass/rushes: rock, no trees	Smooth grass/low scrub: no rock, trees
1246	0.8	N.S	Undiff. bracken: rock, no trees	Blanket bog/peat. veg.: other peat workings
1247	0.4	N.S	Blanket bog/peat. veg.: erosion, no trees	Smooth grass/rushes: rock, no trees
1248	0.1	N.S	Undiff. broadleaved (area)	Smooth grass/rushes: rock, no trees
1249	0.2	N.S	Smooth grass/rushes: no rock, trees	Smooth grass/low scrub: rock, trees
1250	0.1	N.S	Smooth grass/low scrub: rock, trees	Blanket bog/peat. veg.: no erosion, no trees
1251	0.1	N.S	Undiff. smooth grass.: rock, trees	Recently felled forestry
1253	0.3	N.S	Undiff. bracken: rock, no trees	Smooth grass/rushes: no rock, no trees
1254	0.6	N.S	Undiff. heather moor: rock, no burning, trees	Smooth grass/low scrub: rock, trees
1255	0.2	N.S	Smooth grass/low scrub: rock, trees	Undiff. heather moor: rock, no burning, trees

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Table 9.0.3 Total audit of land cover features in Strathclyde Region in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
1256	0.1	N.S	Undiff. smooth grass.: rock, no trees	Smooth grass/low scrub: rock, trees
1257	0.2	N.S	Imp. pasture: rock, no farms, no trees	Smooth grass/low scrub: rock, trees
1258	0.1	N.S	Undiff. mixed woodland (area)	Undiff. bracken: rock, trees
1259	N.S	N.S	Blanket bog/peat. veg.: no erosion, trees	Undiff. heather moor: rock, no burning, trees
1260	N.S	N.S	Rock and cliffs (area)	Undiff. bracken: rock, no trees
1261	0.1	N.S	Imp. pasture: rock, no farms, trees	Smooth grass/low scrub: rock, trees
1265	0.2	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. bracken: no rock, trees
1266	1.2	N.S	Undiff. Nardus/Molinia: no rock, no trees	Recent ploughing for forestry
1267	0.2	N.S	Transport features, road	Transport features, rail
1268	0.1	N.S	Built-up (area)	Recreational land
1269	0.1	N.S	Quarries and opencast (area)	Undiff. smooth grass.: rock, no trees
1270	0.1	N.S	Dry heather moor: no rock, burning, no trees	Undiff. heather moor: rock, no burning, no trees
1271	0.1	N.S	Undiff. heather moor: no rock, burning, no trees	Undiff. Nardus/Molinia: rock, no trees
1272	0.2	N.S	Undiff. Nardus/Molinia: rock, no trees	Wet heather moor: no rock, burning, no trees
1273	0.4	N.S	Smooth grass/low scrub: no rock, trees	Blanket bog/peat. veg.: no erosion, no trees
1274	N.S	N.S	Recreational land	Undiff. mixed woodland (area)
1275	0.2	N.S	Smooth grass/low scrub: no rock, no trees	Links area: grass
1276	0.4	N.S	Smooth grass/low scrub: no rock, no trees	Undiff. smooth grass.: rock, no trees
1277	N.S	N.S	Undiff. Nardus/Molinia: rock, no trees	Undiff. heather moor: no rock, burning, no trees
1278	0.5	N.S	Undiff. smooth grass.: no rock, no trees	Rock and cliffs (area)
1279	0.8	N.S	Undiff. Nardus/Molinia: no rock, no trees	Smooth grass/low scrub: no rock, no trees
1280	1.0	N.S	Undiff. bracken: no rock, trees	Undiff. heather moor: no rock, no burning, trees
1281	6.3	0.1	Open canopy (young plantation)	Undiff. heather moor: rock, no burning, no trees
1282	1.0	N.S	Coniferous plantation (area)	Undiff. smooth grass.: rock, no trees
1283	1.5	N.S	Recent ploughing for forestry	Undiff. smooth grass.: rock, no trees
1284	1.1	N.S	Imp. pasture: rock, no farms, no trees	Undiff. smooth grass.: no rock, no trees
1285	0.2	N.S	Blanket bog/peat. veg.: no erosion, no trees	Recent ploughing for forestry
1286	10.4	0.1	Recent ploughing for forestry	Undiff. heather moor: rock, no burning, no trees
1287	2.8	N.S	Undiff. smooth grass.: rock, trees	Wet heather moor: no rock, no burning, no trees
1288	0.3	N.S	Imp. pasture: no rock, farms, no trees	Undiff. low scrub
1290	0.2	N.S	Undiff. broadleaved (area)	Wetlands: no drains, no trees
1291	0.2	N.S	Undiff. mixed woodland (area)	Blanket bog/peat. veg.: no erosion, no trees
1292	N.S	N.S	Recently felled forestry	Smooth grass/rushes: no rock, trees
1293	0.1	N.S	Smooth grass/rushes: no rock, no trees	Rhododendron scrub
1296	0.3	N.S	Smooth grass/low scrub: rock, no trees	Undiff. bracken: no rock, no trees
1297	0.1	N.S	Smooth grass/rushes: rock, no trees	Undiff. bracken: rock, trees
1298	0.1	N.S	Undiff. bracken: rock, trees	Smooth grass/rushes: rock, no trees
1299	0.2	N.S	Imp. pasture: rock, farms, trees	Undiff. smooth grass.: rock, trees
1300	0.1	N.S	Wetlands: no drains, no trees	Blanket bog/peat. veg.: no erosion, no trees
1301	0.3	N.S	Imp. pasture: rock, no farms, no trees	Undiff. bracken: no rock, no trees
1303	0.7	N.S	Imp. pasture: rock, no farms, no trees	Undiff. smooth grass.: rock, trees
1304	0.5	N.S	Undiff. smooth grass.: no rock, trees	Undiff. broadleaved (area)
1305	1.4	N.S	Undiff. broadleaved (area)	Recent ploughing for forestry
1307	1.7	N.S	Undiff. Nardus/Molinia: no rock, trees	Undiff. smooth grass.: no rock, trees
1308	1.7	N.S	Undiff. smooth grass.: no rock, no trees	Undiff. Nardus/Molinia: rock, no trees
1309	0.4	N.S	Undiff. Nardus/Molinia: no rock, trees	Recent ploughing for forestry
1313	N.S	N.S	Recent ploughing for forestry	Undiff. broadleaved (area)
1314	0.1	N.S	Rock and cliffs (area)	Undiff. Nardus/Molinia: no rock, no trees
1315	0.1	N.S	Undiff. bracken: rock, trees	Undiff. heather moor: rock, no burning, no trees
1316	1.5	N.S	Coniferous plantation (area)	Dry heather moor: rock, no burning, no trees

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Table 9.0.3 Total audit of land cover features in Strathclyde Region in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
1317	0.9	N.S	Undiff. Nardus/Molinia: no rock, no trees	Bings and refuse tips (point)
1318	0.4	N.S	Undiff. smooth grass.: no rock, trees	Blanket bog/peat. veg.: no erosion, trees
1319	0.9	N.S	Recently felled forestry	Undiff. mixed woodland (area)
1320	1.0	N.S	Undiff. heather moor: rock, no burning, no trees	Open canopy (young plantation)
1321	N.S	N.S	Undiff. mixed woodland (area)	Smooth grass/rushes: no rock, no trees
1324	0.4	N.S	Quarries and opencast (area)	Undiff. Nardus/Molinia: no rock, no trees
1325	0.2	N.S	Undiff. heather moor: rock, no burning, no trees	Coniferous plantation (area)
1326	3.7	N.S	Recent ploughing for forestry	Undiff. heather moor: no rock, no burning, no trees
1327	0.4	N.S	Undiff. heather moor: no rock, no burning, no trees	Undiff. broadleaved (area)
1328	0.1	N.S	Factory	Undiff. mixed woodland (area)
1329	0.4	N.S	Blanket bog/peat. veg.: no erosion, no trees	Coniferous plantation (area)
1330	0.8	N.S	Recent ploughing for forestry	Undiff. smooth grass.: rock, trees
1331	0.1	N.S	Undiff. smooth grass.: rock, trees	Undiff. Nardus/Molinia: rock, no trees
1332	2.0	N.S	Coniferous plantation (area)	Undiff. Nardus/Molinia: rock, no trees
1334	0.1	N.S	Undiff. smooth grass.: rock, trees	Coniferous plantation (area)
1335	0.1	N.S	Undiff. heather moor: no rock, burning, no trees	Undiff. smooth grass.: no rock, trees
1336	0.6	N.S	Undiff. Nardus/Molinia: no rock, no trees	Smooth grass/low scrub: rock, no trees
1338	0.2	N.S	Undiff. bracken: rock, no trees	Undiff. broadleaved (area)
1340	N.S	N.S	Undiff. bracken: no rock, trees	Undiff. low scrub
1341	0.3	N.S	Undiff. heather moor: rock, no burning, no trees	Imp. pasture: rock, no farms, no trees
1342	0.1	N.S	Undiff. broadleaved (area)	Recently felled forestry
1343	0.1	N.S	Built-up (area)	Undiff. broadleaved (area)
1344	0.7	N.S	Undiff. heather moor: no rock, burning, no trees	Imp. pasture: no rock, no farms, no trees
1345	N.S	N.S	Undiff. low scrub	Undiff. mixed woodland (point)
1346	0.2	N.S	Undiff. Nardus/Molinia: no rock, trees	Blanket bog/peat. veg.: no erosion, no trees
1347	0.6	N.S	Open canopy (young plantation)	Undiff. Nardus/Molinia: rock, no trees
1349	0.2	N.S	Smooth grass/rushes: rock, no trees	Smooth grass/low scrub: rock, trees
1350	0.1	N.S	Undiff. low scrub	Imp. pasture: rock, no farms, trees
1351	0.2	N.S	Undiff. bracken: rock, no trees	Smooth grass/low scrub: no rock, no trees
1352	1.5	N.S	Wet heather moor: rock, no burning, no trees	Dry heather moor: rock, no burning, no trees
1353	0.1	N.S	Undiff. bracken: rock, trees	Smooth grass/low scrub: no rock, trees
1354	0.1	N.S	Wetlands: no drains, trees	Smooth grass/rushes: no rock, no trees
1355	N.S	N.S	Smooth grass/rushes: no rock, trees	Smooth grass/low scrub: no rock, no trees
1356	0.3	N.S	Undiff. bracken: no rock, no trees	Undiff. bracken: no rock, trees
1357	1.1	N.S	Undiff. heather moor: no rock, no burning, trees	Undiff. bracken: no rock, trees
1358	N.S	N.S	Wetlands: no drains, no trees	Smooth grass/low scrub: no rock, no trees
1359	0.3	N.S	Undiff. Nardus/Molinia: rock, trees	Undiff. heather moor: rock, no burning, trees
1361	0.6	N.S	Undiff. Nardus/Molinia: rock, no trees	Undiff. montane veg.: rock
1364	0.6	N.S	Dry heather moor: rock, burning, no trees	Undiff. Nardus/Molinia: rock, no trees
1366	0.7	N.S	Smooth grass/rushes: no rock, trees	Undiff. bracken: no rock, trees
1368	2.6	N.S	Undiff. bracken: no rock, trees	Undiff. Nardus/Molinia: no rock, trees
1369	0.2	N.S	Undiff. bracken: rock, trees	Dry heather moor: rock, no burning, trees
1373	0.6	N.S	Undiff. smooth grass.: rock, no trees	Undiff. montane veg.: rock
1375	0.1	N.S	Undiff. Nardus/Molinia: rock, trees	Smooth grass/rushes: rock, trees
1376	0.3	N.S	Smooth grass/rushes: no rock, trees	Imp. pasture: no rock, no farms, trees
1378	0.2	N.S	Smooth grass/rushes: no rock, trees	Imp. pasture: no rock, no farms, no trees
1379	0.2	N.S	Blanket bog/peat. veg.: erosion, no trees	Undiff. bracken: no rock, no trees
1383	1.2	N.S	Undiff. Nardus/Molinia: no rock, trees	Smooth grass/rushes: no rock, trees
1384	N.S	N.S	Undiff. heather moor: no rock, no burning, trees	Open canopy (young plantation)
1385	0.3	N.S	Blanket bog/peat. veg.: erosion, no trees	Wetlands: no drains, no trees

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Table 9.0.3 Total audit of land cover features in Strathclyde Region in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
1386	0.8	N.S	Undiff. montane veg.: no rock	Undiff. smooth grass.: no rock, no trees
1399	0.6	N.S	Undiff. smooth grass.: no rock, no trees	Smooth grass/low scrub: rock, no trees
1400	N.S	N.S	Coniferous plantation (area)	Smooth grass/low scrub: no rock, trees
1404	0.1	N.S	Blanket bog/peat. veg.: no erosion, no trees	Undiff. low scrub
1412	0.1	N.S	Transport features, road	Undiff. mixed woodland (area)
1413	N.S	N.S	Links area: grass	Coniferous plantation (area)
1437	0.5	N.S	Golf course	Coniferous plantation (line)
1439	1.0	N.S	Smooth grass/low scrub: no rock, trees	Undiff. Nardus/Molinia: no rock, no trees
1447	N.S	N.S	Maritime grassland: no trees	Water (point)
1451	0.3	N.S	Blanket bog/peat. veg.: no erosion, trees	Undiff. mixed woodland (area)
1461	4.4	N.S	Blanket bog/peat. veg.: no erosion, no trees	Wet heather moor: no rock, burning, no trees
1463	0.1	N.S	Wet heather moor: rock, no burning, no trees	Undiff. bracken: rock, no trees
1464	0.1	N.S	Wet heather moor: no rock, no burning, no trees	Undiff. bracken: no rock, no trees
1465	0.2	N.S	Blanket bog/peat. veg.: dubh lochans	Undiff. Nardus/Molinia: no rock, no trees
1466	1.0	N.S	Wet heather moor: no rock, burning, no trees	Undiff. Nardus/Molinia: rock, no trees
1467	0.5	N.S	Wet heather moor: no rock, burning, no trees	Undiff. smooth grass.: no rock, no trees
1468	0.1	N.S	Undiff. bracken: rock, no trees	Wet heather moor: rock, no burning, no trees
TOTAL	13755.9	100.0		

Cover types		single feature		features in mosaics	
		area	%	primary	secondary
Open countryside					
A	Arable	3.2	N.S	0	N.S
B	Improved grassland	418.8	6.3	133.2	36.7
C	Good rough grassland	166.6	2.5	559.4	483.4
D	Poor rough grassland	63.5	1.0	320.4	443.6
E	Bracken	3.5	0.1	55.8	324.5
F	Heather moorland	142.0	2.1	1869.7	617.9
G	Peatland	236.9	3.6	355.1	1440.7
H	Montane	123.8	1.9	88.1	28.1
I	Rock and cliffs	11.8	0.2	12.6	15.6
Woodland					
J	Felled woodland	43.2	0.7	5.2	2.2
K	Recent planting	710.6	10.7	51.5	68.3
L	Coniferous plantation	730.8	11.0	15.5	6.6
M	Semi-natural coniferous	1.1	N.S	0	0
N	Mixed woodland	63.9	1.0	1.5	1.3
O	Broadleaved	170.5	2.6	10.7	9.4
P	Scrub	1.6	N.S	0.1	2.9
Wet ground					
Q	Fresh waters	115.6	1.7	0	0
R	Marshes	3.6	0.1	0.5	6.9
S	Saltmarshes	5.4	0.1	0.1	N.S
T	Dunes	40.0	0.6	12.3	4.5
U	Tidal waters	1.0	N.S	0	0
Developed					
V	Rural development	15.0	0.2	1.0	0.1
W	Urban	25.3	0.4	0.2	0.1
Other					
X	Missing photography/obscured land	29.7	0.4	0	0
SUBTOTAL		3127.4	47.2		
Y	Mosaics of types above	3492.8	52.8	3492.8	3492.8
DISTRICT TOTAL		6620.3	100.0		

Nationally significant mosaics		area	%
FG	Heather moorland Peatland	1509.9	22.8
DF	Poor rough grassland Heather moorland	550.4	8.3
CF	Good rough grassland Heather moorland	271.0	4.1
GH	Peatland Montane	78.6	1.2
CD	Good rough grassland Poor rough grassland	65.5	1.0
BC	Improved grassland Good rough grassland	151.2	2.3
CE	Good rough grassland Bracken	306.6	4.6
DG	Poor rough grassland Peatland	129.8	2.0
FH	Heather moorland Montane	29.8	0.4
SUBTOTAL		3092.7	46.7
Locally significant mosaics		area	%
FK	Heather moorland Recent planting	60.8	0.9
CG	Good rough grassland Peatland	59.6	0.9
EF	Bracken Heather moorland	50.1	0.8
DE	Poor rough grassland Bracken	12.3	0.2
CI	Good rough grassland Rock and cliffs	11.9	0.2
SUBTOTAL		194.7	2.9
Remaining mosaics		205.5	3.1
MOSAICS OF SUMMARY COVER TYPES		3492.8	52.8

Table 9.1.1

Argyll & Bute District

Land cover summary categories

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not match the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05. Please refer to Figure 6.2 for guidance in the interpretation of this table.

Table 9.1.2 Total audit of land cover features in Argyll & Bute District in which all mosaics are allocated according to primary or secondary feature.

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05 sq km. Please refer to Figure 6.3 for guidance in the interpretation of this table.

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
3	2.0	0.1	0	Factory
4	5.3	0	0	Airfield
5	3.8	0.7	0	Golf course
6	0.2	0	0	Cemeteries
7	2.2	N.S	0.1	Recreational land
10	11.8	12.1	15.6	Rock and cliffs (area)
11	0	0.6	0	Cliffs (line)
12	1.2	0.1	0	Quarries and opencast (area)
14	0.3	0	0	Bings and refuse tips (area)
18	115.6	0	0	Water (area)
20	25.3	0.2	0.1	Built-up (area)
24	1.0	0	0	Estuary
25	1.5	0	0	No photography
26	28.1	0	0	Cloud cover
27	N.S	0	0	Snow cover
70	730.8	15.5	6.6	Coniferous plantation (area)
73	1.1	0	0	Coniferous semi-natural (area)
76	170.5	10.7	9.4	Undiff. broadleaved (area)
79	63.9	1.5	1.3	Undiff. mixed woodland (area)
82	1.5	0.1	2.9	Undiff. low scrub
83	287.7	34.8	44.5	Recent ploughing for forestry
84	43.2	5.2	2.2	Recently felled forestry
85	396.8	16.7	23.8	Open canopy (young plantation)
86	0.1	0	0	Rhododendron scrub
87	26.1	0	0	Recent 'ripping' for forestry
90	352.9	76.8	14.9	Imp. pasture: no rock, no farms, no trees
91	6.1	1.1	0	Imp. pasture: no rock, no farms, trees
92	0.3	0.9	0	Imp. pasture: no rock, farms, no trees
93	0.3	0	0	Imp. pasture: no rock, farms, trees
94	56.5	52.4	21.8	Imp. pasture: rock, no farms, no trees
95	1.6	0.2	0	Imp. pasture: rock, no farms, trees
96	1.1	1.6	0	Imp. pasture: rock, farms, no trees
97	0	0.2	0	Imp. pasture: rock, farms, trees
100	3.1	0	0	Arable: no rock, no farms, no trees
101	N.S	0	0	Arable: no rock, no farms, trees
106	0	0	N.S	Arable: rock, farms, no trees
110	0.1	0	0.6	Dry heather moor: no rock, no burning, no trees
111	0	0	0.1	Dry heather moor: no rock, no burning, trees
112	0	0.1	0	Dry heather moor: no rock, burning, no trees
114	3.0	9.3	11.6	Dry heather moor: rock, no burning, no trees
120	2.2	2.2	46.3	Wet heather moor: no rock, no burning, no trees
124	0.5	2.0	23.1	Wet heather moor: rock, no burning, no trees
130	21.2	358.0	158.6	Undiff. heather moor: no rock, no burning, no trees
131	0.9	1.6	2.2	Undiff. heather moor: no rock, no burning, trees

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Table 9.1.2 Total audit of land cover features in Argyll & Bute District in which all mosaics are allocated according to primary or secondary feature (continued).

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
132	0	0.7	N.S	Undiff. heather moor: no rock, burning, no trees
134	110.3	1490.9	370.5	Undiff. heather moor: rock, no burning, no trees
135	1.5	2.1	4.8	Undiff. heather moor: rock, no burning, trees
136	2.2	2.7	0	Undiff. heather moor: rock, burning, no trees
140	41.4	176.3	187.0	Undiff. Nardus/Molinia: no rock, no trees
141	2.8	2.4	1.4	Undiff. Nardus/Molinia: no rock, trees
142	17.8	141.4	254.6	Undiff. Nardus/Molinia: rock, no trees
143	1.5	0.3	0.6	Undiff. Nardus/Molinia: rock, trees
150	29.3	53.9	183.3	Smooth grass/rushes: no rock, no trees
151	1.8	0.5	2.7	Smooth grass/rushes: no rock, trees
152	3.3	88.3	65.8	Smooth grass/rushes: rock, no trees
153	0.7	0.7	0.1	Smooth grass/rushes: rock, trees
155	4.7	7.1	1.5	Smooth grass/low scrub: no rock, no trees
156	2.9	0.6	0.9	Smooth grass/low scrub: no rock, trees
157	5.6	15.0	1.7	Smooth grass/low scrub: rock, no trees
158	1.3	1.7	3.4	Smooth grass/low scrub: rock, trees
160	25.1	78.5	40.0	Undiff. smooth grass.: no rock, no trees
161	13.0	5.6	2.6	Undiff. smooth grass.: no rock, trees
162	51.5	289.2	170.8	Undiff. smooth grass.: rock, no trees
163	27.0	18.0	9.7	Undiff. smooth grass.: rock, trees
170	0.6	16.5	53.9	Undiff. bracken: no rock, no trees
171	1.2	2.0	1.9	Undiff. bracken: no rock, trees
172	0.7	34.1	267.0	Undiff. bracken: rock, no trees
173	1.0	3.1	1.7	Undiff. bracken: rock, trees
180	20.9	143.3	355.0	Blanket bog/peat. veg.: erosion, no trees
182	179.8	184.2	1069.5	Blanket bog/peat. veg.: no erosion, no trees
183	0.6	N.S	1.0	Blanket bog/peat. veg.: no erosion, trees
184	1.8	0	N.S	Blanket bog/peat. veg.: dubh lochans
185	0.2	0	0	Blanket bog/peat. veg.: industrial peat workings
186	33.6	27.5	15.2	Blanket bog/peat. veg.: other peat workings
190	5.4	0.1	N.S	Undiff. salt marsh: no trees
191	0.5	0.4	0.8	Maritime grassland: no trees
200	1.3	0.5	4.8	Wetlands: no drains, no trees
201	1.8	0	2.2	Wetlands: drains, no trees
202	0.6	0	0	Wetlands: no drains, trees
210	1.2	1.0	0	Bare dunes
211	25.0	2.6	1.7	Partially stabilized dunes
212	13.7	8.7	2.7	Links area: grass
213	0	0	0.1	Links area: heath
222	120.3	75.3	27.1	Undiff. montane veg.: rock
223	3.5	12.9	1.0	Undiff. montane veg.: no rock
TOTAL	3127.4	3492.8	3492.8	

Table 9.1.3 Total audit of land cover features in Argyll and Bute District in which all mosaics are separately identified.
All areas are expressed in square kilometres to 1 decimal place; all percentages are expressed as % of the total area; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05

code	area	%	description
3	2.0	N.S	Factory
4	5.3	0.1	Airfield
5	3.8	0.1	Golf course
6	0.2	N.S	Cemeteries
7	2.2	N.S	Recreational land
10	11.8	0.2	Rock and cliffs (area)
12	1.2	N.S	Quarries and opencast (area)
14	0.3	N.S	Bings and refuse tips (area)
18	115.6	1.7	Water (area)
20	25.3	0.4	Built-up (area)
24	1.0	N.S	Estuary
25	1.5	N.S	No photography
26	28.1	0.4	Cloud cover
27	N.S	N.S	Snow cover
70	730.8	11.0	Coniferous plantation (area)
73	1.1	N.S	Coniferous semi-natural (area)
76	170.5	2.6	Undiff. broadleaved (area)
79	63.9	1.0	Undiff. mixed woodland (area)
82	1.5	N.S	Undiff. low scrub
83	287.7	4.3	Recent ploughing for forestry
84	43.2	0.7	Recently felled forestry
85	396.8	6.0	Open canopy (young plantation)
86	0.1	N.S	Rhododendron scrub
87	26.1	0.4	Recent 'ripping' for forestry
90	352.9	5.3	Imp. pasture: no rock, no farms, no trees
91	6.1	0.1	Imp. pasture: no rock, no farms, trees
92	0.3	N.S	Imp. pasture: no rock, farms, no trees
93	0.3	N.S	Imp. pasture: no rock, farms, trees
94	56.5	0.9	Imp. pasture: rock, no farms, no trees
95	1.6	N.S	Imp. pasture: rock, no farms, trees
96	1.1	N.S	Imp. pasture: rock, farms, no trees
100	3.1	N.S	Arable: no rock, no farms, no trees
101	N.S	N.S	Arable: no rock, no farms, trees
110	0.1	N.S	Dry heather moor: no rock, no burning, no trees
114	3.0	N.S	Dry heather moor: rock, no burning, no trees
120	2.2	N.S	Wet heather moor: no rock, no burning, no trees
124	0.5	N.S	Wet heather moor: rock, no burning, no trees
130	21.2	0.3	Undiff. heather moor: no rock, no burning, no trees
131	0.9	N.S	Undiff. heather moor: no rock, no burning, trees
134	110.3	1.7	Undiff. heather moor: rock, no burning, no trees
135	1.5	N.S	Undiff. heather moor: rock, no burning, trees
136	2.2	N.S	Undiff. heather moor: rock, burning, no trees
140	41.4	0.6	Undiff. Nardus/Molinia: no rock, no trees
141	2.8	N.S	Undiff. Nardus/Molinia: no rock, trees
142	17.8	0.3	Undiff. Nardus/Molinia: rock, no trees
143	1.5	N.S	Undiff. Nardus/Molinia: rock, trees
150	29.3	0.4	Smooth grass/rushes: no rock, no trees
151	1.8	N.S	Smooth grass/rushes: no rock, trees

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Table 9.1.3 Total audit of land cover features in Argyll & Bute District in which all mosaics are separately identified (continued).

code	area	%	description	
152	3.3	N.S	Smooth grass/rushes: rock, no trees	
153	0.7	N.S	Smooth grass/rushes: rock, trees	
155	4.7	0.1	Smooth grass/low scrub: no rock, no trees	
156	2.9	N.S	Smooth grass/low scrub: no rock, trees	
157	5.6	0.1	Smooth grass/low scrub: rock, no trees	
158	1.3	N.S	Smooth grass/low scrub: rock, trees	
160	25.1	0.4	Undiff. smooth grass.: no rock, no trees	
161	13.0	0.2	Undiff. smooth grass.: no rock, trees	
162	51.5	0.8	Undiff. smooth grass.: rock, no trees	
163	27.0	0.4	Undiff. smooth grass.: rock, trees	
170	0.6	N.S	Undiff. bracken: no rock, no trees	
171	1.2	N.S	Undiff. bracken: no rock, trees	
172	0.7	N.S	Undiff. bracken: rock, no trees	
173	1.0	N.S	Undiff. bracken: rock, trees	
180	20.9	0.3	Blanket bog/peat. veg.: erosion, no trees	
182	179.8	2.7	Blanket bog/peat. veg.: no erosion, no trees	
183	0.6	N.S	Blanket bog/peat. veg.: no erosion, trees	
184	1.8	N.S	Blanket bog/peat. veg.: dubh lochans	
185	0.2	N.S	Blanket bog/peat. veg.: industrial peat workings	
186	33.6	0.5	Blanket bog/peat. veg.: other peat workings	
190	5.4	0.1	Undiff. salt marsh: no trees	
191	0.5	N.S	Maritime grassland: no trees	
200	1.3	N.S	Wetlands: no drains, no trees	
201	1.8	N.S	Wetlands: drains, no trees	
202	0.6	N.S	Wetlands: no drains, trees	
210	1.2	N.S	Bare dunes	
211	25.0	0.4	Partially stabilized dunes	
212	13.7	0.2	Links area: grass	
222	120.3	1.8	Undiff. montane veg.: rock	
223	3.5	0.1	Undiff. montane veg.: no rock	
code	area	%	primary feature	secondary feature
301	8.3	0.1	Undiff. smooth grass.: rock, no trees	Dry heather moor: rock, no burning, no trees
309	4.1	0.1	Blanket bog/peat. veg.: no erosion, no trees	Blanket bog/peat. veg.: other peat workings
312	2.0	N.S	Wet heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
313	21.4	0.3	Blanket bog/peat. veg.: no erosion, no trees	Wet heather moor: rock, no burning, no trees
317	54.6	0.8	Undiff. smooth grass.: rock, no trees	Undiff. heather moor: rock, no burning, no trees
324	0.6	N.S	Imp. pasture: no rock, no farms, no trees	Blanket bog/peat. veg.: no erosion, no trees
326	4.4	0.1	Dry heather moor: rock, no burning, no trees	Undiff. smooth grass.: rock, no trees
328	0.3	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. Nardus/Molinia: no rock, no trees
333	3.9	0.1	Links area: grass	Rock and cliffs (area)
342	1.5	N.S	Blanket bog/peat. veg.: other peat workings	Blanket bog/peat. veg.: no erosion, no trees
343	1.4	N.S	Blanket bog/peat. veg.: erosion, no trees	Wet heather moor: rock, no burning, no trees
344	0.3	N.S	Blanket bog/peat. veg.: other peat workings	Wet heather moor: rock, no burning, no trees
347	0.2	N.S	Bare dunes	Links area: grass
353	65.5	1.0	Imp. pasture: no rock, no farms, no trees	Smooth grass/rushes: no rock, no trees
355	4.9	0.1	Blanket bog/peat. veg.: no erosion, no trees	Smooth grass/rushes: no rock, no trees
356	33.4	0.5	Undiff. smooth grass.: no rock, no trees	Smooth grass/rushes: no rock, no trees
357	2.2	N.S	Links area: grass	Imp. pasture: no rock, no farms, no trees

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Table 9.1.3 Total audit of land cover features in Argyll & Bute District in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
358	11.7	0.2	Blanket bog/peat. veg.: no erosion, no trees	Wet heather moor: no rock, no burning, no trees
359	0.2	N.S	Undiff. heather moor: no rock, no burning, no trees	Imp. pasture: no rock, no farms, no trees
360	793.5	12.0	Undiff. heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
361	1.1	N.S	Wet heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
362	6.6	0.1	Undiff. heather moor: no rock, no burning, no trees	Undiff. bracken: no rock, no trees
365	1.6	N.S	Undiff. bracken: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
366	28.6	0.4	Undiff. heather moor: rock, no burning, no trees	Undiff. bracken: rock, no trees
367	12.4	0.2	Undiff. bracken: rock, no trees	Undiff. heather moor: rock, no burning, no trees
370	1.3	N.S	Undiff. heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: other peat workings
374	150.3	2.3	Undiff. heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
375	1.1	N.S	Links area: grass	Wetlands: drains, no trees
376	1.6	N.S	Imp. pasture: rock, no farms, no trees	Undiff. low scrub
379	0.1	N.S	Smooth grass/low scrub: no rock, no trees	Wetlands: no drains, no trees
380	0.2	N.S	Blanket bog/peat. veg.: other peat workings	Undiff. heather moor: no rock, no burning, no trees
381	16.3	0.2	Blanket bog/peat. veg.: other peat workings	Undiff. heather moor: rock, no burning, no trees
382	46.5	0.7	Blanket bog/peat. veg.: no erosion, no trees	Undiff. heather moor: no rock, no burning, no trees
384	54.8	0.8	Blanket bog/peat. veg.: no erosion, no trees	Undiff. heather moor: rock, no burning, no trees
385	8.2	0.1	Undiff. heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
387	3.5	0.1	Smooth grass/low scrub: no rock, no trees	Smooth grass/rushes: no rock, no trees
390	2.1	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. smooth grass.: no rock, no trees
393	2.6	N.S	Recently felled forestry	Coniferous plantation (area)
395	0.6	N.S	Smooth grass/rushes: no rock, no trees	Smooth grass/low scrub: no rock, no trees
396	114.4	1.7	Undiff. heather moor: rock, no burning, no trees	Undiff. smooth grass.: rock, no trees
397	2.6	N.S	Undiff. smooth grass.: rock, no trees	Smooth grass/rushes: rock, no trees
399	9.3	0.1	Smooth grass/rushes: no rock, no trees	Imp. pasture: no rock, no farms, no trees
400	4.3	0.1	Undiff. smooth grass.: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
401	185.1	2.8	Undiff. smooth grass.: rock, no trees	Undiff. bracken: rock, no trees
402	5.5	0.1	Smooth grass/rushes: no rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
406	4.5	0.1	Smooth grass/rushes: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
408	0.2	N.S	Undiff. heather moor: no rock, no burning, trees	Undiff. smooth grass.: no rock, trees
409	0.5	N.S	Imp. pasture: no rock, no farms, no trees	Smooth grass/low scrub: no rock, no trees
410	0.5	N.S	Undiff. smooth grass.: no rock, no trees	Imp. pasture: no rock, no farms, no trees
411	0.2	N.S	Undiff. smooth grass.: no rock, trees	Undiff. heather moor: no rock, no burning, trees
413	0.2	N.S	Smooth grass/rushes: no rock, trees	Smooth grass/low scrub: no rock, trees
414	51.7	0.8	Undiff. Nardus/Molinia: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
415	31.1	0.5	Undiff. smooth grass.: no rock, no trees	Undiff. bracken: no rock, no trees
416	38.7	0.6	Undiff. Nardus/Molinia: no rock, no trees	Smooth grass/rushes: no rock, no trees
418	1.3	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. bracken: no rock, no trees
420	0.3	N.S	Dry heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
421	2.0	N.S	Undiff. smooth grass.: no rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
424	0.8	N.S	Undiff. smooth grass.: rock, no trees	Undiff. Nardus/Molinia: rock, no trees
425	0.8	N.S	Undiff. smooth grass.: no rock, trees	Undiff. bracken: no rock, no trees
426	11.4	0.2	Smooth grass/rushes: no rock, no trees	Undiff. smooth grass.: no rock, no trees
427	0.5	N.S	Imp. pasture: no rock, no farms, trees	Smooth grass/rushes: no rock, trees
429	27.8	0.4	Undiff. Nardus/Molinia: rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
432	0.1	N.S	Undiff. smooth grass.: no rock, trees	Dry heather moor: no rock, no burning, trees
434	1.8	N.S	Undiff. smooth grass.: no rock, trees	Undiff. bracken: no rock, trees
436	4.5	0.1	Undiff. Nardus/Molinia: no rock, no trees	Blanket bog/peat. veg.: erosion, no trees
437	4.0	0.1	Undiff. heather moor: no rock, no burning, no trees	Smooth grass/rushes: no rock, no trees
440	1.6	N.S	Smooth grass/low scrub: no rock, no trees	Undiff. bracken: no rock, no trees

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Table 9.1.3 Total audit of land cover features in Argyll & Bute District in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
442	118.5	1.8	Undiff. heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
444	5.9	0.1	Undiff. Nardus/Molinia: no rock, no trees	Undiff. smooth grass.: no rock, no trees
447	6.9	0.1	Blanket bog/peat. veg.: erosion, no trees	Undiff. Nardus/Molinia: rock, no trees
448	234.9	3.5	Undiff. heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: rock, no trees
449	30.3	0.5	Blanket bog/peat. veg.: no erosion, no trees	Undiff. Nardus/Molinia: no rock, no trees
450	16.0	0.2	Undiff. smooth grass.: rock, no trees	Smooth grass/rushes: no rock, no trees
451	0.2	N.S	Undiff. smooth grass.: rock, no trees	Imp. pasture: no rock, no farms, no trees
452	2.6	N.S	Imp. pasture: rock, no farms, no trees	Smooth grass/rushes: no rock, no trees
453	0.6	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. smooth grass.: rock, no trees
454	1.1	N.S	Open canopy (young plantation)	Coniferous plantation (area)
457	1.0	N.S	Undiff. smooth grass.: rock, trees	Undiff. bracken: rock, trees
458	0.8	N.S	Undiff. smooth grass.: no rock, trees	Smooth grass/rushes: no rock, trees
459	0.4	N.S	Undiff. mixed woodland (area)	Undiff. smooth grass.: no rock, trees
464	0.3	N.S	Smooth grass/low scrub: no rock, no trees	Undiff. smooth grass.: no rock, no trees
474	1.8	N.S	Blanket bog/peat. veg.: erosion, no trees	Undiff. Nardus/Molinia: no rock, no trees
477	68.5	1.0	Undiff. heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: erosion, no trees
478	5.4	0.1	Undiff. heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: other peat workings
481	2.3	N.S	Undiff. heather moor: rock, no burning, no trees	Undiff. smooth grass.: rock, trees
485	0.5	N.S	Undiff. Nardus/Molinia: no rock, no trees	Wet heather moor: no rock, no burning, no trees
492	0.5	N.S	Undiff. smooth grass.: rock, no trees	Smooth grass/low scrub: rock, no trees
494	98.6	1.5	Undiff. Nardus/Molinia: rock, no trees	Undiff. heather moor: rock, no burning, no trees
495	0.8	N.S	Blanket bog/peat. veg.: no erosion, no trees	Undiff. smooth grass.: rock, no trees
497	4.0	0.1	Blanket bog/peat. veg.: no erosion, no trees	Undiff. Nardus/Molinia: rock, no trees
499	13.8	0.2	Imp. pasture: rock, no farms, no trees	Undiff. smooth grass.: rock, no trees
503	8.4	0.1	Undiff. Nardus/Molinia: rock, no trees	Undiff. smooth grass.: rock, no trees
505	1.6	N.S	Smooth grass/low scrub: rock, no trees	Undiff. bracken: rock, no trees
507	0.7	N.S	Smooth grass/low scrub: no rock, no trees	Imp. pasture: no rock, no farms, no trees
509	1.8	N.S	Coniferous plantation (area)	Recently felled forestry
510	0.4	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. heather moor: no rock, no burning, no trees
514	0.9	N.S	Smooth grass/low scrub: rock, no trees	Imp. pasture: rock, no farms, no trees
518	0.1	N.S	Imp. pasture: no rock, farms, no trees	Smooth grass/rushes: no rock, no trees
521	1.1	N.S	Wet heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
522	0.4	N.S	Maritime grassland: no trees	Rock and cliffs (area)
524	10.9	0.2	Smooth grass/rushes: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
528	5.2	0.1	Undiff. smooth grass.: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
530	0.4	N.S	Undiff. smooth grass.: rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
534	1.0	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. low scrub
539	N.S	N.S	Blanket bog/peat. veg.: no erosion, no trees	Blanket bog/peat. veg.: dubh lochans
540	0.2	N.S	Undiff. smooth grass.: rock, no trees	Maritime grassland: no trees
541	0.4	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. heather moor: rock, no burning, no trees
543	2.1	N.S	Undiff. Nardus/Molinia: rock, no trees	Smooth grass/rushes: no rock, no trees
546	0.7	N.S	Golf course	Partially stabilized dunes
549	0.1	N.S	Undiff. broadleaved (area)	Undiff. low scrub
553	1.1	N.S	Undiff. Nardus/Molinia: rock, no trees	Undiff. bracken: rock, no trees
554	2.3	N.S	Smooth grass/low scrub: rock, no trees	Smooth grass/rushes: no rock, no trees
557	8.9	0.1	Undiff. bracken: rock, no trees	Undiff. smooth grass.: rock, no trees
558	7.2	0.1	Undiff. bracken: no rock, no trees	Smooth grass/rushes: no rock, no trees
559	0.4	N.S	Undiff. bracken: no rock, trees	Smooth grass/rushes: no rock, trees
560	1.4	N.S	Undiff. bracken: rock, no trees	Undiff. Nardus/Molinia: rock, no trees
561	4.2	0.1	Undiff. bracken: no rock, no trees	Undiff. Nardus/Molinia: no rock, no trees

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Table 9.1.3 Total audit of land cover features in Argyll & Bute District in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
563	2.4	N.S	Undiff. smooth grass.: rock, no trees	Rock and cliffs (area)
564	68.0	1.0	Undiff. Nardus/Molinia: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
565	31.3	0.5	Blanket bog/peat. veg.: erosion, no trees	Wet heather moor: no rock, no burning, no trees
566	2.8	N.S	Coniferous plantation (area)	Open canopy (young plantation)
568	1.9	N.S	Dry heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: rock, no trees
569	18.3	0.3	Recent ploughing for forestry	Open canopy (young plantation)
570	7.6	0.1	Undiff. smooth grass.: rock, no trees	Imp. pasture: rock, no farms, no trees
571	7.4	0.1	Undiff. smooth grass.: rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
580	217.2	3.3	Undiff. heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: erosion, no trees
585	0.2	N.S	Undiff. bracken: rock, no trees	Smooth grass/low scrub: rock, no trees
586	6.3	0.1	Smooth grass/rushes: no rock, no trees	Undiff. bracken: no rock, no trees
588	2.4	N.S	Undiff. bracken: rock, trees	Undiff. smooth grass.: rock, trees
589	0.2	N.S	Smooth grass/rushes: no rock, no trees	Undiff. bracken: rock, no trees
590	0.1	N.S	Smooth grass/low scrub: no rock, trees	Smooth grass/rushes: no rock, no trees
592	5.6	0.1	Undiff. Nardus/Molinia: no rock, no trees	Undiff. bracken: no rock, no trees
593	3.5	0.1	Undiff. bracken: no rock, no trees	Undiff. smooth grass.: no rock, no trees
599	14.4	0.2	Blanket bog/peat. veg.: erosion, no trees	Undiff. montane veg.: rock
602	0.6	N.S	Blanket bog/peat. veg.: erosion, no trees	Undiff. montane veg.: no rock
603	10.6	0.2	Undiff. montane veg.: no rock	Blanket bog/peat. veg.: erosion, no trees
605	0.5	N.S	Imp. pasture: rock, no farms, no trees	Smooth grass/low scrub: rock, no trees
606	12.2	0.2	Smooth grass/rushes: rock, no trees	Imp. pasture: rock, no farms, no trees
607	49.9	0.8	Undiff. montane veg.: rock	Blanket bog/peat. veg.: erosion, no trees
608	2.4	N.S	Undiff. montane veg.: rock	Blanket bog/peat. veg.: no erosion, no trees
620	0.7	N.S	Undiff. montane veg.: no rock	Blanket bog/peat. veg.: no erosion, no trees
628	0.2	N.S	Undiff. bracken: no rock, trees	Smooth grass/low scrub: no rock, trees
629	0.2	N.S	Recent ploughing for forestry	Undiff. mixed woodland (area)
631	0.6	N.S	Undiff. smooth grass.: no rock, no trees	Dry heather moor: no rock, no burning, no trees
632	2.6	N.S	Undiff. heather moor: rock, no burning, no trees	Rock and cliffs (area)
633	3.5	0.1	Undiff. smooth grass.: rock, trees	Blanket bog/peat. veg.: no erosion, no trees
634	58.4	0.9	Blanket bog/peat. veg.: erosion, no trees	Undiff. heather moor: rock, no burning, no trees
635	0.4	N.S	Imp. pasture: no rock, no farms, no trees	Smooth grass/rushes: rock, no trees
636	16.8	0.3	Undiff. heather moor: rock, no burning, no trees	Smooth grass/rushes: rock, no trees
637	26.5	0.4	Imp. pasture: rock, no farms, no trees	Smooth grass/rushes: rock, no trees
639	4.6	0.1	Blanket bog/peat. veg.: other peat workings	Smooth grass/rushes: rock, no trees
645	N.S	N.S	Undiff. bracken: no rock, no trees	Smooth grass/low scrub: no rock, no trees
651	1.1	N.S	Undiff. smooth grass.: no rock, trees	Smooth grass/rushes: no rock, no trees
657	1.3	N.S	Blanket bog/peat. veg.: other peat workings	Blanket bog/peat. veg.: erosion, no trees
660	0.2	N.S	Imp. pasture: no rock, no farms, no trees	Smooth grass/low scrub: rock, no trees
668	0.2	N.S	Undiff. Nardus/Molinia: no rock, no trees	Imp. pasture: no rock, no farms, no trees
678	0.5	N.S	Imp. pasture: no rock, no farms, trees	Smooth grass/rushes: no rock, no trees
683	0.4	N.S	Smooth grass/low scrub: rock, trees	Undiff. bracken: rock, trees
690	0.1	N.S	Blanket bog/peat. veg.: erosion, no trees	Blanket bog/peat. veg.: other peat workings
691	3.9	0.1	Smooth grass/low scrub: rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
697	0.1	N.S	Smooth grass/rushes: no rock, no trees	Wetlands: no drains, no trees
706	0.7	N.S	Rock and cliffs (area)	Undiff. smooth grass.: no rock, no trees
715	0.1	N.S	Undiff. salt marsh: no trees	Wetlands: no drains, no trees
716	5.0	0.1	Smooth grass/rushes: rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
717	N.S	N.S	Links area: grass	Undiff. smooth grass.: rock, no trees
718	0.8	N.S	Partially stabilized dunes	Rock and cliffs (area)
719	0.4	N.S	Links area: grass	Wetlands: no drains, no trees

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Table 9.1.3 Total audit of land cover features in Argyll & Bute District in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
720	0.7	N.S	Undiff. smooth grass.: rock, no trees	Links area: grass
721	28.8	0.4	Smooth grass/rushes: rock, no trees	Undiff. heather moor: rock, no burning, no trees
723	0.7	N.S	Bare dunes	Partially stabilized dunes
724	0.3	N.S	Imp. pasture: rock, no farms, no trees	Links area: grass
725	1.2	N.S	Blanket bog/peat. veg.: no erosion, no trees	Smooth grass/rushes: rock, no trees
727	1.5	N.S	Blanket bog/peat. veg.: no erosion, no trees	Undiff. smooth grass.: no rock, no trees
736	27.3	0.4	Blanket bog/peat. veg.: erosion, no trees	Undiff. heather moor: no rock, no burning, no trees
737	4.2	0.1	Coniferous plantation (area)	Undiff. broadleaved (area)
740	0.6	N.S	Undiff. heather moor: rock, no burning, trees	Undiff. Nardus/Molinia: rock, trees
741	1.2	N.S	Undiff. heather moor: no rock, no burning, trees	Undiff. Nardus/Molinia: no rock, trees
743	1.0	N.S	Undiff. Nardus/Molinia: rock, no trees	Blanket bog/peat. veg.: erosion, no trees
744	3.8	0.1	Rock and cliffs (area)	Undiff. heather moor: rock, no burning, no trees
745	0.1	N.S	Undiff. heather moor: rock, no burning, trees	Blanket bog/peat. veg.: no erosion, no trees
751	2.5	N.S	Undiff. broadleaved (area)	Undiff. smooth grass.: no rock, no trees
759	0.4	N.S	Undiff. smooth grass.: rock, trees	Smooth grass/rushes: no rock, no trees
766	0.4	N.S	Undiff. broadleaved (area)	Undiff. smooth grass.: rock, trees
770	N.S	N.S	Undiff. heather moor: rock, no burning, trees	Undiff. bracken: rock, trees
771	0.3	N.S	Undiff. heather moor: rock, no burning, trees	Undiff. smooth grass.: rock, trees
773	0.3	N.S	Recently felled forestry	Undiff. broadleaved (area)
777	N.S	N.S	Undiff. broadleaved (area)	Undiff. bracken: rock, trees
779	0.7	N.S	Dry heather moor: rock, no burning, no trees	Rock and cliffs (area)
783	3.4	0.1	Undiff. smooth grass.: rock, trees	Undiff. heather moor: rock, no burning, trees
784	0.2	N.S	Undiff. smooth grass.: rock, no trees	Undiff. heather moor: rock, no burning, trees
787	37.0	0.6	Smooth grass/rushes: rock, no trees	Undiff. bracken: rock, no trees
791	0.2	N.S	Imp. pasture: no rock, no farms, trees	Smooth grass/low scrub: no rock, trees
792	0.6	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. smooth grass.: rock, trees
797	0.2	N.S	Links area: grass	Undiff. smooth grass.: no rock, no trees
798	0.1	N.S	Smooth grass/low scrub: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
800	0.5	N.S	Undiff. heather moor: rock, no burning, trees	Blanket bog/peat. veg.: no erosion, trees
801	N.S	N.S	Smooth grass/low scrub: no rock, trees	Smooth grass/rushes: no rock, trees
802	5.0	0.1	Open canopy (young plantation)	Recent ploughing for forestry
804	0.1	N.S	Smooth grass/low scrub: rock, no trees	Imp. pasture: no rock, no farms, no trees
818	0.1	N.S	Wetlands: no drains, no trees	Imp. pasture: no rock, no farms, no trees
819	1.1	N.S	Smooth grass/rushes: no rock, no trees	Wetlands: drains, no trees
821	0.5	N.S	Imp. pasture: no rock, farms, no trees	Smooth grass/rushes: rock, no trees
822	0.6	N.S	Links area: grass	Imp. pasture: rock, no farms, no trees
823	0.2	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. Nardus/Molinia: rock, no trees
827	0.3	N.S	Links area: grass	Partially stabilized dunes
835	5.6	0.1	Undiff. smooth grass.: rock, trees	Undiff. bracken: rock, no trees
842	0.4	N.S	Smooth grass/rushes: rock, no trees	Undiff. Nardus/Molinia: rock, no trees
850	0.3	N.S	Undiff. heather moor: rock, no burning, no trees	Smooth grass/rushes: no rock, no trees
855	2.1	N.S	Smooth grass/rushes: no rock, no trees	Undiff. smooth grass.: rock, no trees
871	0.4	N.S	Partially stabilized dunes	Wetlands: no drains, no trees
873	17.9	0.3	Undiff. montane veg.: rock	Undiff. heather moor: rock, no burning, no trees
879	0.8	N.S	Undiff. smooth grass.: rock, trees	Undiff. heather moor: rock, no burning, no trees
880	N.S	N.S	Smooth grass/rushes: rock, trees	Undiff. bracken: rock, trees
882	1.7	N.S	Blanket bog/peat. veg.: no erosion, no trees	Undiff. smooth grass.: rock, trees
883	1.7	N.S	Open canopy (young plantation)	Undiff. broadleaved (area)
885	0.3	N.S	Smooth grass/rushes: rock, no trees	Blanket bog/peat. veg.: erosion, no trees
889	0.9	N.S	Blanket bog/peat. veg.: no erosion, no trees	Wetlands: no drains, no trees

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Table 9.1.3 Total audit of land cover features in Argyll & Bute District in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
890	0.4	N.S	Undiff. montane veg.: no rock	Undiff. heather moor: no rock, no burning, no trees
910	0.4	N.S	Undiff. montane veg.: no rock	Undiff. Nardus/Molinia: no rock, no trees
911	1.3	N.S	Blanket bog/peat. veg.: other peat workings	Undiff. smooth grass.: rock, no trees
912	11.5	0.2	Undiff. heather moor: rock, no burning, no trees	Undiff. montane veg.: rock
917	0.4	N.S	Undiff. Nardus/Molinia: no rock, no trees	Undiff. montane veg.: no rock
919	0.7	N.S	Undiff. Nardus/Molinia: rock, no trees	Undiff. heather moor: no rock, no burning, no trees
925	1.8	N.S	Undiff. Nardus/Molinia: no rock, trees	Undiff. heather moor: no rock, no burning, trees
933	22.4	0.3	Undiff. heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
939	0.2	N.S	Undiff. smooth grass.: rock, no trees	Blanket bog/peat. veg.: erosion, no trees
945	0.1	N.S	Undiff. broadleaved (area)	Rock and cliffs (area)
947	0.6	N.S	Undiff. bracken: rock, trees	Undiff. heather moor: rock, no burning, trees
952	0.2	N.S	Undiff. heather moor: no rock, no burning, trees	Blanket bog/peat. veg.: erosion, no trees
955	1.1	N.S	Imp. pasture: no rock, no farms, no trees	Wetlands: no drains, no trees
969	0.5	N.S	Undiff. smooth grass.: no rock, no trees	Wetlands: no drains, no trees
979	1.1	N.S	Imp. pasture: no rock, no farms, no trees	Smooth grass/rushes: no rock, trees
985	4.3	0.1	Undiff. montane veg.: rock	Rock and cliffs (area)
992	1.2	N.S	Smooth grass/rushes: no rock, no trees	Blanket bog/peat. veg.: erosion, no trees
995	0.9	N.S	Undiff. smooth grass.: rock, no trees	Undiff. heather moor: no rock, no burning, no trees
1002	2.3	N.S	Coniferous plantation (area)	Undiff. heather moor: rock, no burning, no trees
1019	5.9	0.1	Imp. pasture: rock, no farms, no trees	Undiff. bracken: rock, no trees
1021	0.7	N.S	Undiff. bracken: rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
1028	1.3	N.S	Undiff. bracken: no rock, trees	Undiff. smooth grass.: no rock, trees
1039	2.1	N.S	Dry heather moor: rock, no burning, no trees	Coniferous plantation (area)
1047	0.2	N.S	Undiff. smooth grass.: no rock, trees	Undiff. Nardus/Molinia: no rock, trees
1048	0.2	N.S	Smooth grass/low scrub: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
1063	1.8	N.S	Open canopy (young plantation)	Dry heather moor: rock, no burning, no trees
1069	1.5	N.S	Blanket bog/peat. veg.: other peat workings	Undiff. Nardus/Molinia: rock, no trees
1071	0.4	N.S	Undiff. smooth grass.: rock, no trees	Undiff. broadleaved (area)
1078	0.3	N.S	Undiff. mixed woodland (area)	Smooth grass/low scrub: no rock, no trees
1083	0.4	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. broadleaved (area)
1087	2.7	N.S	Undiff. heather moor: rock, burning, no trees	Undiff. smooth grass.: rock, no trees
1090	0.3	N.S	Undiff. mixed woodland (area)	Smooth grass/low scrub: no rock, trees
1095	0.6	N.S	Undiff. smooth grass.: no rock, no trees	Undiff. broadleaved (area)
1098	0.3	N.S	Undiff. broadleaved (area)	Undiff. smooth grass.: no rock, trees
1099	0.1	N.S	Undiff. broadleaved (area)	Built-up (area)
1100	0.1	N.S	Smooth grass/rushes: no rock, trees	Undiff. smooth grass.: no rock, trees
1108	0.1	N.S	Undiff. broadleaved (area)	Blanket bog/peat. veg.: no erosion, no trees
1110	0.5	N.S	Undiff. Nardus/Molinia: no rock, no trees	Wetlands: no drains, no trees
1122	1.7	N.S	Undiff. heather moor: rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
1126	0.6	N.S	Undiff. Nardus/Molinia: rock, no trees	Undiff. smooth grass.: no rock, no trees
1142	0.1	N.S	Undiff. low scrub	Undiff. broadleaved (area)
1179	0.1	N.S	Undiff. smooth grass.: rock, trees	Undiff. heather moor: no rock, no burning, no trees
1191	1.4	N.S	Recently felled forestry	Open canopy (young plantation)
1192	37.5	0.6	Undiff. heather moor: rock, no burning, no trees	Recent ploughing for forestry
1193	6.4	0.1	Rock and cliffs (area)	Undiff. smooth grass.: rock, no trees
1194	0.4	N.S	Rock and cliffs (area)	Undiff. smooth grass.: rock, trees
1195	0.1	N.S	Undiff. smooth grass.: rock, no trees	Undiff. smooth grass.: no rock, no trees
1196	0.6	N.S	Rock and cliffs (area)	Maritime grassland: no trees
1197	N.S	N.S	Undiff. broadleaved (area)	Undiff. Nardus/Molinia: no rock, no trees
1198	0.1	N.S	Imp. pasture: rock, no farms, no trees	Undiff. heather moor: rock, no burning, no trees

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Table 9.1.3 Total audit of land cover features in Argyll & Bute District in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
1199	0.7	N.S	Smooth grass/low scrub: rock, trees	Undiff. heather moor: rock, no burning, no trees
1200	1.3	N.S	Partially stabilized dunes	Links area: grass
1201	1.8	N.S	Undiff. broadleaved (area)	Undiff. smooth grass.: rock, no trees
1202	0.4	N.S	Smooth grass/rushes: rock, no trees	Smooth grass/low scrub: rock, no trees
1203	0.4	N.S	Smooth grass/rushes: rock, no trees	Wetlands: no drains, no trees
1204	4.0	0.1	Smooth grass/low scrub: rock, no trees	Undiff. heather moor: rock, no burning, no trees
1205	0.2	N.S	Wetlands: no drains, no trees	Smooth grass/rushes: no rock, no trees
1206	0.7	N.S	Smooth grass/rushes: rock, no trees	Imp. pasture: no rock, no farms, no trees
1208	0.5	N.S	Blanket bog/peat. veg.: other peat workings	Undiff. smooth grass.: no rock, no trees
1210	2.9	N.S	Smooth grass/rushes: rock, no trees	Blanket bog/peat. veg.: other peat workings
1211	1.6	N.S	Imp. pasture: rock, farms, no trees	Smooth grass/rushes: rock, no trees
1212	N.S	N.S	Smooth grass/low scrub: rock, trees	Smooth grass/rushes: rock, no trees
1213	0.3	N.S	Undiff. Nardus/Molinia: rock, no trees	Undiff. broadleaved (area)
1214	N.S	N.S	Undiff. broadleaved (area)	Smooth grass/low scrub: no rock, no trees
1216	9.0	0.1	Undiff. bracken: rock, no trees	Smooth grass/rushes: rock, no trees
1218	0.3	N.S	Smooth grass/rushes: rock, trees	Blanket bog/peat. veg.: no erosion, trees
1219	2.0	N.S	Smooth grass/low scrub: rock, no trees	Smooth grass/rushes: rock, no trees
1220	1.8	N.S	Undiff. broadleaved (area)	Smooth grass/low scrub: rock, trees
1221	0.1	N.S	Partially stabilized dunes	Undiff. smooth grass.: rock, no trees
1222	0.6	N.S	Cliffs (line)	Undiff. smooth grass.: rock, no trees
1223	N.S	N.S	Undiff. mixed woodland (area)	Smooth grass/low scrub: rock, no trees
1224	0.2	N.S	Imp. pasture: rock, no farms, trees	Undiff. smooth grass.: rock, no trees
1225	1.5	N.S	Undiff. broadleaved (area)	Undiff. bracken: rock, no trees
1226	0.3	N.S	Smooth grass/low scrub: rock, trees	Undiff. bracken: rock, no trees
1227	0.1	N.S	Undiff. bracken: rock, no trees	Imp. pasture: no rock, no farms, no trees
1228	N.S	N.S	Smooth grass/rushes: no rock, trees	Arable: rock, farms, no trees
1231	0.3	N.S	Smooth grass/rushes: rock, trees	Undiff. heather moor: rock, no burning, trees
1232	0.8	N.S	Undiff. montane veg.: rock	Undiff. smooth grass.: rock, no trees
1233	0.4	N.S	Undiff. mixed woodland (area)	Smooth grass/low scrub: rock, trees
1235	N.S	N.S	Rock and cliffs (area)	Undiff. salt marsh: no trees
1236	0.1	N.S	Partially stabilized dunes	Links area: heath
1237	0.1	N.S	Smooth grass/rushes: rock, trees	Smooth grass/low scrub: rock, trees
1238	0.2	N.S	Undiff. bracken: rock, no trees	Recently felled forestry
1240	0.3	N.S	Undiff. broadleaved (area)	Open canopy (young plantation)
1241	0.6	N.S	Smooth grass/rushes: no rock, no trees	Blanket bog/peat. veg.: other peat workings
1243	N.S	N.S	Undiff. Nardus/Molinia: rock, no trees	Rock and cliffs (area)
1244	0.5	N.S	Blanket bog/peat. veg.: erosion, no trees	Undiff. smooth grass.: rock, no trees
1245	N.S	N.S	Smooth grass/rushes: rock, no trees	Smooth grass/low scrub: no rock, trees
1246	0.8	N.S	Undiff. bracken: rock, no trees	Blanket bog/peat. veg.: other peat workings
1247	0.4	N.S	Blanket bog/peat. veg.: erosion, no trees	Smooth grass/rushes: rock, no trees
1248	N.S	N.S	Undiff. broadleaved (area)	Smooth grass/rushes: rock, no trees
1249	0.2	N.S	Smooth grass/rushes: no rock, trees	Smooth grass/low scrub: rock, trees
1250	0.1	N.S	Smooth grass/low scrub: rock, trees	Blanket bog/peat. veg.: no erosion, no trees
1251	0.1	N.S	Undiff. smooth grass.: rock, trees	Recently felled forestry
1253	0.3	N.S	Undiff. bracken: rock, no trees	Smooth grass/rushes: no rock, no trees
1254	0.6	N.S	Undiff. heather moor: rock, no burning, trees	Smooth grass/low scrub: rock, trees
1255	0.2	N.S	Smooth grass/low scrub: rock, trees	Undiff. heather moor: rock, no burning, trees
1256	0.1	N.S	Undiff. smooth grass.: rock, no trees	Smooth grass/low scrub: rock, trees
1257	0.2	N.S	Imp. pasture: rock, no farms, no trees	Smooth grass/low scrub: rock, trees
1258	0.1	N.S	Undiff. mixed woodland (area)	Undiff. bracken: rock, trees

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Table 9.1.3 Total audit of land cover features in Argyll & Bute District in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
1259	N.S	N.S	Blanket bog/peat. veg.: no erosion, trees	Undiff. heather moor: rock, no burning, trees
1260	N.S	N.S	Rock and cliffs (area)	Undiff. bracken: rock, no trees
1261	0.1	N.S	Imp. pasture: rock, no farms, trees	Smooth grass/low scrub: rock, trees
1265	0.2	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. bracken: no rock, trees
1266	0.4	N.S	Undiff. Nardus/Molinia: no rock, no trees	Recent ploughing for forestry
1268	0.1	N.S	Built-up (area)	Recreational land
1269	0.1	N.S	Quarries and opencast (area)	Undiff. smooth grass.: rock, no trees
1270	0.1	N.S	Dry heather moor: no rock, burning, no trees	Undiff. heather moor: rock, no burning, no trees
1273	0.4	N.S	Smooth grass/low scrub: no rock, trees	Blanket bog/peat. veg.: no erosion, no trees
1274	N.S	N.S	Recreational land	Undiff. mixed woodland (area)
1275	0.1	N.S	Smooth grass/low scrub: no rock, no trees	Links area: grass
1276	0.4	N.S	Smooth grass/low scrub: no rock, no trees	Undiff. smooth grass.: rock, no trees
1277	N.S	N.S	Undiff. Nardus/Molinia: rock, no trees	Undiff. heather moor: no rock, burning, no trees
1278	0.3	N.S	Undiff. smooth grass.: no rock, no trees	Rock and cliffs (area)
1280	0.2	N.S	Undiff. bracken: no rock, trees	Undiff. heather moor: no rock, no burning, trees
1281	6.3	0.1	Open canopy (young plantation)	Undiff. heather moor: rock, no burning, no trees
1282	1.0	N.S	Coniferous plantation (area)	Undiff. smooth grass.: rock, no trees
1283	1.5	N.S	Recent ploughing for forestry	Undiff. smooth grass.: rock, no trees
1285	0.2	N.S	Blanket bog/peat. veg.: no erosion, no trees	Recent ploughing for forestry
1286	10.4	0.2	Recent ploughing for forestry	Undiff. heather moor: rock, no burning, no trees
1287	2.8	N.S	Undiff. smooth grass.: rock, trees	Wet heather moor: no rock, no burning, no trees
1288	0.3	N.S	Imp. pasture: no rock, farms, no trees	Undiff. low scrub
1296	0.3	N.S	Smooth grass/low scrub: rock, no trees	Undiff. bracken: no rock, no trees
1297	0.1	N.S	Smooth grass/rushes: rock, no trees	Undiff. bracken: rock, trees
1298	0.1	N.S	Undiff. bracken: rock, trees	Smooth grass/rushes: rock, no trees
1299	0.2	N.S	Imp. pasture: rock, farms, trees	Undiff. smooth grass.: rock, trees
1300	0.1	N.S	Wetlands: no drains, no trees	Blanket bog/peat. veg.: no erosion, no trees
1301	0.3	N.S	Imp. pasture: rock, no farms, no trees	Undiff. bracken: no rock, no trees
1303	0.7	N.S	Imp. pasture: rock, no farms, no trees	Undiff. smooth grass.: rock, trees
1304	0.5	N.S	Undiff. smooth grass.: no rock, trees	Undiff. broadleaved (area)
1305	1.4	N.S	Undiff. broadleaved (area)	Recent ploughing for forestry
1307	0.3	N.S	Undiff. Nardus/Molinia: no rock, trees	Undiff. smooth grass.: no rock, trees
1313	N.S	N.S	Recent ploughing for forestry	Undiff. broadleaved (area)
1315	0.1	N.S	Undiff. bracken: rock, trees	Undiff. heather moor: rock, no burning, no trees
1316	1.5	N.S	Coniferous plantation (area)	Dry heather moor: rock, no burning, no trees
1318	0.2	N.S	Undiff. smooth grass.: no rock, trees	Blanket bog/peat. veg.: no erosion, trees
1319	0.9	N.S	Recently felled forestry	Undiff. mixed woodland (area)
1320	1.0	N.S	Undiff. heather moor: rock, no burning, no trees	Open canopy (young plantation)
1325	0.2	N.S	Undiff. heather moor: rock, no burning, no trees	Coniferous plantation (area)
1326	3.7	0.1	Recent ploughing for forestry	Undiff. heather moor: no rock, no burning, no trees
1327	0.4	N.S	Undiff. heather moor: no rock, no burning, no trees	Undiff. broadleaved (area)
1328	0.1	N.S	Factory	Undiff. mixed woodland (area)
1329	0.5	N.S	Blanket bog/peat. veg.: no erosion, no trees	Coniferous plantation (area)
1330	0.8	N.S	Recent ploughing for forestry	Undiff. smooth grass.: rock, trees
1331	0.1	N.S	Undiff. smooth grass.: rock, trees	Undiff. Nardus/Molinia: rock, no trees
1332	2.0	N.S	Coniferous plantation (area)	Undiff. Nardus/Molinia: rock, no trees
1334	0.1	N.S	Undiff. smooth grass.: rock, trees	Coniferous plantation (area)
1338	0.2	N.S	Undiff. bracken: rock, no trees	Undiff. broadleaved (area)
1341	0.3	N.S	Undiff. heather moor: rock, no burning, no trees	Imp. pasture: rock, no farms, no trees
1342	0.1	N.S	Undiff. broadleaved (area)	Recently felled forestry

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Table 9.1.3 Total audit of land cover features in Argyll and Bute District in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
1343	0.1	N.S	Built-up (area)	Undiff. broadleaved (area)
1344	0.7	N.S	Undiff. heather moor: no rock, burning, no trees	Imp. pasture: no rock, no farms, no trees
1346	0.2	N.S	Undiff. Nardus/Molinia: no rock, trees	Blanket bog/peat. veg.: no erosion, no trees
1347	0.6	N.S	Open canopy (young plantation)	Undiff. Nardus/Molinia: rock, no trees
1358	N.S	N.S	Wetlands: no drains, no trees	Smooth grass/low scrub: no rock, no trees
1359	0.2	N.S	Undiff. Nardus/Molinia: rock, trees	Undiff. heather moor: rock, no burning, trees
1361	0.7	N.S	Undiff. Nardus/Molinia: rock, no trees	Undiff. montane veg.: rock
1373	0.6	N.S	Undiff. smooth grass.: rock, no trees	Undiff. montane veg.: rock
1375	0.1	N.S	Undiff. Nardus/Molinia: rock, trees	Smooth grass/rushes: rock, trees
1384	N.S	N.S	Undiff. heather moor: no rock, no burning, trees	Open canopy (young plantation)
1385	0.3	N.S	Blanket bog/peat. veg.: erosion, no trees	Wetlands: no drains, no trees
1386	0.8	N.S	Undiff. montane veg.: no rock	Undiff. smooth grass.: no rock, no trees
TOTAL	6620.3	100.0		

Cover types		single feature		features in mosaics	
		area	%	primary	secondary
Open countryside					
A	Arable	0	0	0	0
B	Improved grassland	9.1	24.1	1.1	0
C	Good rough grassland	0.1	0.2	0	0
D	Poor rough grassland	0.5	1.4	3.0	1.7
E	Bracken	0	0	0	0
F	Heather moorland	1.3	3.6	0.7	3.0
G	Peatland	0	0	0	0
H	Montane	0	0	0	0
I	Rock and cliffs	0	0	0	0
Woodland					
J	Felled woodland	N.S	0.1	0	0
K	Recent planting	0.2	0.6	0	0
L	Coniferous plantation	0.4	1.0	0	0
M	Semi-natural coniferous	0	0	0	0
N	Mixed woodland	1.8	4.7	0	1.2
O	Broadleaved	0	0	0	0
P	Scrub	0.5	1.2	0	0
Wet ground					
Q	Fresh waters	0.7	1.8	0	0
R	Marshes	0	0	0	0
S	Saltmarshes	0	0	0	0
T	Dunes	0	0	0	0
U	Tidal waters	0	0	0	0
Developed					
V	Rural development	3.5	9.4	1.2	0
W	Urban	13.8	36.5	0	0
Other					
X	Missing photography/obscured land	0	0	0	0
SUBTOTAL		31.9	84.5		
Y	Mosaics of types above	5.8	15.5	5.8	5.8
DISTRICT TOTAL		37.7	100.0		

Nationally significant mosaics			area	%
FG	Heather moorland	Peatland	0	0
DF	Poor rough grassland	Heather moorland	3.6	9.6
CF	Good rough grassland	Heather moorland	0	0
GH	Peatland	Montane	0	0
CD	Good rough grassland	Poor rough grassland	0	0
BC	Improved grassland	Good rough grassland	0	0
CE	Good rough grassland	Bracken	0	0
DG	Poor rough grassland	Peatland	0	0
FH	Heather moorland	Montane	0	0
SUBTOTAL			3.6	9.6
Locally significant mosaics			area	%
NV	Mixed woodland	Rural development	1.2	3.1
BD	Improved grassland	Poor rough grassland	1.1	2.8
SUBTOTAL			2.2	5.9
MOSAICS OF SUMMARY COVER TYPES			5.8	15.5

Table 9.2.1

Bearsden & Milngavie District

Land cover summary categories

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not match the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05. Please refer to Figure 6.2 for guidance in the interpretation of this table.

Table 9.2.2 Total audit of land cover features in Bearsden & Milngavie District in which all mosaics are allocated according to primary or secondary feature.

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05 sq km. Please refer to Figure 6.3 for guidance in the interpretation of this table.

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
3	0.1	0	0	Factory
5	3.0	1.2	0	Golf course
6	N.S	0	0	Cemeteries
12	0.4	0	0	Quarries and opencast (area)
18	0.7	0	0	Water (area)
20	13.8	0	0	Built-up (area)
70	0.4	0	0	Coniferous plantation (area)
79	1.8	0	1.2	Undiff. mixed woodland (area)
82	0.5	0	0	Undiff. low scrub
84	N.S	0	0	Recently felled forestry
85	0.2	0	0	Open canopy (young plantation)
90	8.9	1.1	0	Imp. pasture: no rock, no farms, no trees
91	0.1	0	0	Imp. pasture: no rock, no farms, trees
92	N.S	0	0	Imp. pasture: no rock, farms, no trees
120	1.2	0	3.0	Wet heather moor: no rock, no burning, no trees
124	0.2	0	0	Wet heather moor: rock, no burning, no trees
131	0	0.7	0	Undiff. heather moor: no rock, no burning, trees
140	0	0	1.1	Undiff. Nardus/Molinia: no rock, no trees
141	0	0	0.7	Undiff. Nardus/Molinia: no rock, trees
142	0.5	3.0	0	Undiff. Nardus/Molinia: rock, no trees
150	N.S	0	0	Smooth grass/rushes: no rock, no trees
161	N.S	0	0	Undiff. smooth grass.: no rock, trees
TOTAL	31.9	5.8	5.8	

Table 9.2.3 Total audit of land cover features in Bearsden & Milngavie District in which all mosaics are separately identified.

All areas are expressed in square kilometres to 1 decimal place; all percentages are expressed as % of the total area; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05

code	area	%	description
3	0.1	0.3	Factory
5	3.0	7.9	Golf course
6	N.S	0.1	Cemeteries
12	0.4	1.1	Quarries and opencast (area)
18	0.7	1.8	Water (area)
20	13.8	36.5	Built-up (area)
70	0.4	1.0	Coniferous plantation (area)
79	1.8	4.7	Undiff. mixed woodland (area)
82	0.5	1.2	Undiff. low scrub
84	N.S	0.1	Recently felled forestry
85	0.2	0.6	Open canopy (young plantation)
90	8.9	23.6	Imp. pasture: no rock, no farms, no trees

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Table 9.2.3 Total audit of land cover features in Bearsden & Milngavie District in which all mosaics are separately identified (continued).

code	area	%	description	
91	0.1	0.3	Imp. pasture: no rock, no farms, trees	
92	N.S	0.1	Imp. pasture: no rock, farms, no trees	
120	1.2	3.1	Wet heather moor: no rock, no burning, no trees	
124	0.2	0.4	Wet heather moor: rock, no burning, no trees	
142	0.5	1.4	Undiff. Nardus/Molinia: rock, no trees	
150	N.S	0.1	Smooth grass/rushes: no rock, no trees	
161	N.S	0.1	Undiff. smooth grass.: no rock, trees	
code	area	%	primary feature	secondary feature
328	1.1	2.8	Imp. pasture: no rock, no farms, no trees	Undiff. Nardus/Molinia: no rock, no trees
654	1.2	3.1	Golf course	Undiff. mixed woodland (area)
741	0.7	1.7	Undiff. heather moor: no rock, no burning, trees	Undiff. Nardus/Molinia: no rock, trees
1033	3.0	7.9	Undiff. Nardus/Molinia: rock, no trees	Wet heather moor: no rock, no burning, no trees
TOTAL	37.7	100.0		

Cover types		single feature		features in mosaics	
		area	%	primary	secondary
Open countryside					
A	Arable	0	0	0	0
B	Improved grassland	6.3	17.0	0.1	0
C	Good rough grassland	1.4	3.8	0	0
D	Poor rough grassland	2.7	7.1	0	7.5
E	Bracken	0	0	0	0
F	Heather moorland	N.S	N.S	7.4	0
G	Peatland	0	0	0	0
H	Montane	0	0	0	0
I	Rock and cliffs	0	0	0	0
Woodland					
J	Felled woodland	0	0	0	0
K	Recent planting	3.4	9.0	0	0
L	Coniferous plantation	0.1	0.2	0	0
M	Semi-natural coniferous	0	0	0	0
N	Mixed woodland	0.2	0.5	0	0
O	Broadleaved	0	0	0	0
P	Scrub	0.2	0.5	0	0
Wet ground					
Q	Fresh waters	0.9	2.4	0	0
R	Marshes	0	0	0	0
S	Saltmarshes	0.1	0.3	0	0
T	Dunes	0	0	0	0
U	Tidal waters	0.8	2.0	0	0
Developed					
V	Rural development	0.4	1.1	0	0
W	Urban	13.4	36.0	0	0
Other					
X	Missing photography/obscured land	0	0	0	0
SUBTOTAL		29.8	79.8		
Y	Mosaics of types above	7.5	20.2	7.5	7.5
DISTRICT TOTAL		37.3	100.0		

Nationally significant mosaics			area	%
FG	Heather moorland	Peatland	0	0
DF	Poor rough grassland	Heather moorland	7.4	19.8
CF	Good rough grassland	Heather moorland	0	0
GH	Peatland	Montane	0	0
CD	Good rough grassland	Poor rough grassland	0	0
BC	Improved grassland	Good rough grassland	0	0
CE	Good rough grassland	Bracken	0	0
DG	Poor rough grassland	Peatland	0	0
FH	Heather moorland	Montane	0	0
SUBTOTAL			7.4	19.8
Locally significant mosaic			area	%
BD	Improved grassland	Poor rough grassland	0.1	0.4
SUBTOTAL			0.1	0.4
MOSAICS OF SUMMARY COVER TYPES			7.5	20.2

Table 9.3.1

Clydebank District

Land cover summary categories

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not match the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05. Please refer to Figure 6.2 for guidance in the interpretation of this table.

Table 9.3.2 Total audit of land cover features in Clydebank District in which all mosaics are allocated according to primary or secondary feature.

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05 sq km. Please refer to Figure 6.3 for guidance in the interpretation of this table.

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
5	0.3	0	0	Golf course
6	0.1	0	0	Cemeteries
18	0.9	0	0	Water (area)
20	13.4	0	0	Built-up (area)
24	0.8	0	0	Estuary
70	0.1	0	0	Coniferous plantation (area)
79	0.2	0	0	Undiff. mixed woodland (area)
82	0.2	0	0	Undiff. low scrub
85	3.4	0	0	Open canopy (young plantation)
90	5.8	0.1	0	Imp. pasture: no rock, no farms, no trees
91	0.2	0	0	Imp. pasture: no rock, no farms, trees
92	0.4	0	0	Imp. pasture: no rock, farms, no trees
120	N.S	7.4	0	Wet heather moor: no rock, no burning, no trees
140	1.9	0	5.2	Undiff. Nardus/Molinia: no rock, no trees
142	0.7	0	2.4	Undiff. Nardus/Molinia: rock, no trees
161	0.3	0	0	Undiff. smooth grass.: no rock, trees
163	1.1	0	0	Undiff. smooth grass.: rock, trees
190	0.1	0	0	Undiff. salt marsh: no trees
TOTAL	29.8	7.5	7.5	

Table 9.3.3 Total audit of land cover features in Clydebank District in which all mosaics are separately identified.

All areas are expressed in square kilometres to 1 decimal place; all percentages are expressed as % of the total area; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05

code	area	%	description
5	0.3	0.8	Golf course
6	0.1	0.3	Cemeteries
18	0.9	2.4	Water (area)
20	13.4	36.0	Built-up (area)
24	0.8	2.0	Estuary
70	0.1	0.2	Coniferous plantation (area)
79	0.2	0.5	Undiff. mixed woodland (area)
82	0.2	0.5	Undiff. low scrub
85	3.4	9.0	Open canopy (young plantation)
90	5.8	15.4	Imp. pasture: no rock, no farms, no trees
91	0.2	0.6	Imp. pasture: no rock, no farms, trees
92	0.4	1.0	Imp. pasture: no rock, farms, no trees
120	N.S	N.S	Wet heather moor: no rock, no burning, no trees
140	1.9	5.1	Undiff. Nardus/Molinia: no rock, no trees
142	0.7	2.0	Undiff. Nardus/Molinia: rock, no trees
161	0.3	0.9	Undiff. smooth grass.: no rock, trees

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Table 9.3.3 Total audit of land cover features in Clydebank District in which all mosaics are separately identified
(continued).

code	area	%	description	
163	1.1	3.0	Undiff. smooth grass.: rock, trees	
190	0.1	0.3	Undiff. salt marsh: no trees	
code	area	%	primary feature	secondary feature
328	0.1	0.4	Imp. pasture: no rock, no farms, no trees	Undiff. Nardus/Molinia: no rock, no trees
521	5.0	13.5	Wet heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
1088	2.4	6.4	Wet heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: rock, no trees
TOTAL	37.3	100.0		

Cover types		single feature		features in mosaics	
		area	%	primary	secondary
Open countryside					
A	Arable	0.9	0.1	0	0
B	Improved grassland	522.0	39.2	10.3	7.0
C	Good rough grassland	28.6	2.1	15.2	16.6
D	Poor rough grassland	203.3	15.3	51.7	69.6
E	Bracken	0	0	0.7	0.2
F	Heather moorland	139.2	10.5	52.5	34.8
G	Peatland	61.6	4.6	5.3	5.0
H	Montane	7.2	0.5	0	0
I	Rock and cliffs	0.4	N.S	0	0
Woodland					
J	Felled woodland	4.7	0.4	0	0
K	Recent planting	71.4	5.4	0	0.1
L	Coniferous plantation	99.2	7.4	0	0
M	Semi-natural coniferous	N.S	N.S	0	0
N	Mixed woodland	12.0	0.9	0	0
O	Broadleaved	4.5	0.3	0	0
P	Scrub	2.8	0.2	0	0
Wet ground					
Q	Fresh waters	5.8	0.4	0	0
R	Marshes	0.9	0.1	0	2.2
S	Saltmarshes	0	0	0	0
T	Dunes	0	0	0	0
U	Tidal waters	N.S	N.S	0	0
Developed					
V	Rural development	12.2	0.9	0.2	0.4
W	Urban	18.8	1.4	0	0
Other					
X	Missing photography/obscured land	0	0	0	0
SUBTOTAL		1195.3	89.8		
Y	Mosaics of types above	135.9	10.2	135.9	135.9
DISTRICT TOTAL		1331.2	100.0		

Nationally significant mosaics			area	%
FG	Heather moorland	Peatland	1.9	0.1
DF	Poor rough grassland	Heather moorland	83.5	6.3
CF	Good rough grassland	Heather moorland	1.5	0.1
GH	Peatland	Montane	0	0
CD	Good rough grassland	Poor rough grassland	20.1	1.5
BC	Improved grassland	Good rough grassland	4.8	0.4
CE	Good rough grassland	Bracken	0.1	N.S
DG	Poor rough grassland	Peatland	2.8	0.2
FH	Heather moorland	Montane	0	0
SUBTOTAL			114.6	8.6
Locally significant mosaics			area	%
BD	Improved grassland	Poor rough grassland	12.4	0.9
DR	Poor rough grassland	Marshes	2.2	0.2
EF	Bracken	Heather moorland	0.5	N.S
DE	Poor rough grassland	Bracken	0.3	N.S
CV	Good rough grassland	Rural development	0.2	N.S
SUBTOTAL			15.6	1.2
Remaining mosaics			5.6	0.4
MOSAICS OF SUMMARY COVER TYPES			135.9	10.2

Table 9.4.1

Clydesdale District

Land cover summary categories

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not match the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05. Please refer to Figure 6.2 for guidance in the interpretation of this table.

Table 9.4.2 Total audit of land cover features in Clydesdale District in which all mosaics are allocated according to primary or secondary feature.

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05 sq km. Please refer to Figure 6.3 for guidance in the interpretation of this table.

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
3	1.1	0	0	Factory
5	2.2	0	0	Golf course
6	0.1	0	0	Cemeteries
7	0.3	0	0	Recreational land
10	0.4	0	0	Rock and cliffs (area)
12	4.8	0	0.2	Quarries and opencast (area)
14	2.5	0	0	Bings and refuse tips (area)
18	5.8	0	0	Water (area)
20	18.8	0	0	Built-up (area)
21	1.1	0.2	0	Transport features, road
22	0.1	0	0.2	Transport features, rail
24	N.S	0	0	Estuary
70	99.2	0	0	Coniferous plantation (area)
73	N.S	0	0	Coniferous semi-natural (area)
76	4.5	0	0	Undiff. broadleaved (area)
79	12.0	0	0	Undiff. mixed woodland (area)
82	2.8	0	0	Undiff. low scrub
83	46.8	0	0.1	Recent ploughing for forestry
84	4.7	0	0	Recently felled forestry
85	24.6	0	0	Open canopy (young plantation)
90	507.7	10.3	7.0	Imp. pasture: no rock, no farms, no trees
91	7.0	0	0	Imp. pasture: no rock, no farms, trees
92	0.5	0	0	Imp. pasture: no rock, farms, no trees
93	6.8	0	0	Imp. pasture: no rock, farms, trees
100	0.9	0	0	Arable: no rock, no farms, no trees
102	N.S	0	0	Arable: no rock, farms, no trees
110	18.6	24.4	13.1	Dry heather moor: no rock, no burning, no trees
111	0.3	0	0	Dry heather moor: no rock, no burning, trees
112	75.5	0.5	0.3	Dry heather moor: no rock, burning, no trees
116	1.0	0	0	Dry heather moor: rock, burning, no trees
120	0.4	3.1	1.6	Wet heather moor: no rock, no burning, no trees
122	0.5	0	0.2	Wet heather moor: no rock, burning, no trees
130	15.4	24.4	19.6	Undiff. heather moor: no rock, no burning, no trees
131	0.4	0	0	Undiff. heather moor: no rock, no burning, trees
132	27.1	0.2	0	Undiff. heather moor: no rock, burning, no trees
140	200.3	51.3	69.6	Undiff. Nardus/Molinia: no rock, no trees
141	0.9	0	0	Undiff. Nardus/Molinia: no rock, trees
142	2.0	0.4	0.1	Undiff. Nardus/Molinia: rock, no trees
143	0.2	0	0	Undiff. Nardus/Molinia: rock, trees
150	9.6	6.6	10.1	Smooth grass/rushes: no rock, no trees
155	0.2	0	0	Smooth grass/low scrub: no rock, no trees
156	0.7	0	0	Smooth grass/low scrub: no rock, trees
160	9.5	8.6	6.3	Undiff. smooth grass.: no rock, no trees
161	3.7	0	0	Undiff. smooth grass.: no rock, trees

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Table 9.4.2 Total audit of land cover features in Clydesdale District in which all mosaics are allocated according to primary or secondary feature (continued).

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
162	4.7	0	0.2	Undiff. smooth grass.: rock, no trees
163	0.2	0	0	Undiff. smooth grass.: rock, trees
170	0	0.7	0.2	Undiff. bracken: no rock, no trees
180	24.4	0	3.2	Blanket bog/peat. veg.: erosion, no trees
182	34.4	5.3	1.8	Blanket bog/peat. veg.: no erosion, no trees
183	0.6	0	0	Blanket bog/peat. veg.: no erosion, trees
185	2.2	0	0	Blanket bog/peat. veg.: industrial peat workings
200	0.7	0	2.2	Wetlands: no drains, no trees
201	0.1	0	0	Wetlands: drains, no trees
202	N.S	0	0	Wetlands: no drains, trees
203	N.S	0	0	Wetlands: drains, trees
222	0.2	0	0	Undiff. montane veg.: rock
223	7.0	0	0	Undiff. montane veg.: no rock
TOTAL	1195.3	135.9	135.9	

Table 9.4.3 Total audit of land cover features in Clydesdale District in which all mosaics are separately identified.

All areas are expressed in square kilometres to 1 decimal place; all percentages are expressed as % of the total area; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05

code	area	%	description
3	1.1	0.1	Factory
5	2.2	0.2	Golf course
6	0.1	N.S	Cemeteries
7	0.3	N.S	Recreational land
10	0.4	N.S	Rock and cliffs (area)
12	4.8	0.4	Quarries and opencast (area)
14	2.5	0.2	Bings and refuse tips (area)
18	5.8	0.4	Water (area)
20	18.8	1.4	Built-up (area)
21	1.1	0.1	Transport features, road
22	0.1	N.S	Transport features, rail
24	N.S	N.S	Estuary
70	99.2	7.4	Coniferous plantation (area)
73	N.S	N.S	Coniferous semi-natural (area)
76	4.5	0.3	Undiff. broadleaved (area)
79	12.0	0.9	Undiff. mixed woodland (area)
82	2.8	0.2	Undiff. low scrub
83	46.8	3.5	Recent ploughing for forestry
84	4.7	0.4	Recently felled forestry
85	24.6	1.8	Open canopy (young plantation)
90	507.7	38.1	Imp. pasture: no rock, no farms, no trees
91	7.0	0.5	Imp. pasture: no rock, no farms, trees
92	0.5	N.S	Imp. pasture: no rock, farms, no trees
93	6.8	0.5	Imp. pasture: no rock, farms, trees
100	0.9	0.1	Arable: no rock, no farms, no trees

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Table 9.4.3 Total audit of land cover features in Clydesdale District in which all mosaics are separately identified (continued).

code	area	%	description	
102	N.S	N.S	Arable: no rock, farms, no trees	
110	18.6	1.4	Dry heather moor: no rock, no burning, no trees	
111	0.3	N.S	Dry heather moor: no rock, no burning, trees	
112	75.5	5.7	Dry heather moor: no rock, burning, no trees	
116	1.0	0.1	Dry heather moor: rock, burning, no trees	
120	0.4	N.S	Wet heather moor: no rock, no burning, no trees	
122	0.5	N.S	Wet heather moor: no rock, burning, no trees	
130	15.4	1.2	Undiff. heather moor: no rock, no burning, no trees	
131	0.4	N.S	Undiff. heather moor: no rock, no burning, trees	
132	27.1	2.0	Undiff. heather moor: no rock, burning, no trees	
140	200.3	15.0	Undiff. Nardus/Molinia: no rock, no trees	
141	0.9	0.1	Undiff. Nardus/Molinia: no rock, trees	
142	2.0	0.1	Undiff. Nardus/Molinia: rock, no trees	
143	0.2	N.S	Undiff. Nardus/Molinia: rock, trees	
150	9.6	0.7	Smooth grass/rushes: no rock, no trees	
155	0.2	N.S	Smooth grass/low scrub: no rock, no trees	
156	0.7	0.1	Smooth grass/low scrub: no rock, trees	
160	9.5	0.7	Undiff. smooth grass.: no rock, no trees	
161	3.7	0.3	Undiff. smooth grass.: no rock, trees	
162	4.7	0.4	Undiff. smooth grass.: rock, no trees	
163	0.2	N.S	Undiff. smooth grass.: rock, trees	
180	24.4	1.8	Blanket bog/peat. veg.: erosion, no trees	
182	34.4	2.6	Blanket bog/peat. veg.: no erosion, no trees	
183	0.6	N.S	Blanket bog/peat. veg.: no erosion, trees	
185	2.2	0.2	Blanket bog/peat. veg.: industrial peat workings	
200	0.7	0.1	Wetlands: no drains, no trees	
201	0.1	N.S	Wetlands: drains, no trees	
202	N.S	N.S	Wetlands: no drains, trees	
203	N.S	N.S	Wetlands: drains, trees	
222	0.2	N.S	Undiff. montane veg.: rock	
223	7.0	0.5	Undiff. montane veg.: no rock	
code	area	%	primary feature	secondary feature
328	6.1	0.5	Imp. pasture: no rock, no farms, no trees	Undiff. Nardus/Molinia: no rock, no trees
353	3.9	0.3	Imp. pasture: no rock, no farms, no trees	Smooth grass/rushes: no rock, no trees
356	1.1	0.1	Undiff. smooth grass.: no rock, no trees	Smooth grass/rushes: no rock, no trees
374	0.3	N.S	Undiff. heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
382	1.5	0.1	Blanket bog/peat. veg.: no erosion, no trees	Undiff. heather moor: no rock, no burning, no trees
385	0.2	N.S	Undiff. heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
389	0.3	N.S	Dry heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
390	0.2	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. smooth grass.: no rock, no trees
399	0.4	N.S	Smooth grass/rushes: no rock, no trees	Imp. pasture: no rock, no farms, no trees
402	4.7	0.4	Smooth grass/rushes: no rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
410	0.2	N.S	Undiff. smooth grass.: no rock, no trees	Imp. pasture: no rock, no farms, no trees
414	1.3	0.1	Undiff. Nardus/Molinia: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
416	5.1	0.4	Undiff. Nardus/Molinia: no rock, no trees	Smooth grass/rushes: no rock, no trees
421	6.2	0.5	Undiff. smooth grass.: no rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
426	1.5	0.1	Smooth grass/rushes: no rock, no trees	Undiff. smooth grass.: no rock, no trees
436	0.4	N.S	Undiff. Nardus/Molinia: no rock, no trees	Blanket bog/peat. veg.: erosion, no trees

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Table 9.4.3 Total audit of land cover features in Clydesdale District in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
442	24.0	1.8	Undiff. heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
443	0.1	N.S	Undiff. heather moor: no rock, burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
444	3.9	0.3	Undiff. Nardus/Molinia: no rock, no trees	Undiff. smooth grass.: no rock, no trees
449	1.1	0.1	Blanket bog/peat. veg.: no erosion, no trees	Undiff. Nardus/Molinia: no rock, no trees
466	0.1	N.S	Dry heather moor: no rock, burning, no trees	Undiff. smooth grass.: no rock, no trees
485	1.6	0.1	Undiff. Nardus/Molinia: no rock, no trees	Wet heather moor: no rock, no burning, no trees
486	24.1	1.8	Dry heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
503	0.2	N.S	Undiff. Nardus/Molinia: rock, no trees	Undiff. smooth grass.: rock, no trees
521	3.1	0.2	Wet heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
552	0.2	N.S	Dry heather moor: no rock, burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
561	0.3	N.S	Undiff. bracken: no rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
564	18.1	1.4	Undiff. Nardus/Molinia: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
593	0.1	N.S	Undiff. bracken: no rock, no trees	Undiff. smooth grass.: no rock, no trees
596	2.8	0.2	Blanket bog/peat. veg.: no erosion, no trees	Blanket bog/peat. veg.: erosion, no trees
631	0.9	0.1	Undiff. smooth grass.: no rock, no trees	Dry heather moor: no rock, no burning, no trees
668	6.3	0.5	Undiff. Nardus/Molinia: no rock, no trees	Imp. pasture: no rock, no farms, no trees
708	0.3	N.S	Undiff. bracken: no rock, no trees	Dry heather moor: no rock, burning, no trees
762	12.2	0.9	Undiff. Nardus/Molinia: no rock, no trees	Dry heather moor: no rock, no burning, no trees
844	0.2	N.S	Dry heather moor: no rock, burning, no trees	Undiff. bracken: no rock, no trees
1110	2.2	0.2	Undiff. Nardus/Molinia: no rock, no trees	Wetlands: no drains, no trees
1207	0.2	N.S	Undiff. smooth grass.: no rock, no trees	Quarries and opencast (area)
1266	0.1	N.S	Undiff. Nardus/Molinia: no rock, no trees	Recent ploughing for forestry
1267	0.2	N.S	Transport features, road	Transport features, rail
1271	0.1	N.S	Undiff. heather moor: no rock, burning, no trees	Undiff. Nardus/Molinia: rock, no trees
1272	0.2	N.S	Undiff. Nardus/Molinia: rock, no trees	Wet heather moor: no rock, burning, no trees
TOTAL	1331.2	100.0		

Cover types		single feature	
		area	%
Open countryside			
A	Arable	0	0
B	Improved grassland	28.8	27.4
C	Good rough grassland	3.4	3.2
D	Poor rough grassland	5.7	5.4
E	Bracken	0	0
F	Heather moorland	0	0
G	Peatland	8.5	8.1
H	Montane	0	0
I	Rock and cliffs	0	0
Woodland			
J	Felled woodland	2.1	2.0
K	Recent planting	2.9	2.8
L	Coniferous plantation	8.8	8.3
M	Semi-natural coniferous	0	0
N	Mixed woodland	4.1	3.9
O	Broadleaved	0.2	0.2
P	Scrub	0	0
Wet ground			
Q	Fresh waters	1.6	1.5
R	Marshes	0.1	0.1
S	Saltmarshes	0	0
T	Dunes	0	0
U	Tidal waters	0	0
Developed			
V	Rural development	2.4	2.3
W	Urban	19.1	18.2
Other			
X	Missing photography/obscured land	0	0
SUBTOTAL		87.6	83.3
Y	Mosaics of types above	17.6	16.7
DISTRICT TOTAL		105.2	100.0

features in mosaics	
primary	secondary
0	0
8.5	0
3.0	15.3
3.6	0
0	0
0.2	0
0	0
0	0
0	0
0	2.3
0	0
0	0
0	0
0	0
2.3	0
0	0
0	0
17.6	17.6

Nationally significant mosaics			area	%
FG	Heather moorland	Peatland	0	0
DF	Poor rough grassland	Heather moorland	0	0
CF	Good rough grassland	Heather moorland	0.2	0.2
GH	Peatland	Montane	0	0
CD	Good rough grassland	Poor rough grassland	3.6	3.4
BC	Improved grassland	Good rough grassland	8.5	8.1
CE	Good rough grassland	Bracken	0	0
DG	Poor rough grassland	Peatland	0	0
FH	Heather moorland	Montane	0	0
SUBTOTAL			12.3	11.7
Locally significant mosaic			area	%
NV	Mixed woodland	Rural development	2.3	2.2
SUBTOTAL			2.3	2.2
Remaining mosaics			3.0	2.8
MOSAICS OF SUMMARY COVER TYPES			17.6	16.7

Table 9.5.1

Cumbernauld & Kilsyth District

Land cover summary categories

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not match the totals of the columns due to rounding error discrepancies; 0 = not present; N.S. = not significant = < 0.05. Please refer to Figure 6.2 for guidance in the interpretation of this table.

Table 9.5.2 Total audit of land cover features in Cumbernauld & Kilsyth District in which all mosaics are allocated according to primary or secondary feature.

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05 sq km. Please refer to Figure 6.3 for guidance in the interpretation of this table.

code	area.sq km			description
	single feature	features in mosaics		
		primary	secondary	
3	0.5	0	0	Factory
5	0.7	2.3	0	Golf course
6	N.S	0	0	Cemeteries
7	0.1	0	0	Recreational land
12	0.9	0	0	Quarries and opencast (area)
14	0.1	0	0	Bings and refuse tips (area)
18	1.6	0	0	Water (area)
20	19.1	0	0	Built-up (area)
70	8.8	0	0	Coniferous plantation (area)
76	0.2	0	0	Undiff. broadleaved (area)
79	4.1	0	0	Undiff. mixed woodland (area)
80	0	0	2.3	Undiff. mixed woodland (line)
83	0.4	0	0	Recent ploughing for forestry
84	2.1	0	0	Recently felled forestry
85	2.5	0	0	Open canopy (young plantation)
90	25.3	5.0	0	Imp. pasture: no rock, no farms, no trees
91	2.9	3.5	0	Imp. pasture: no rock, no farms, trees
92	N.S	0	0	Imp. pasture: no rock, farms, no trees
93	0.5	0	0	Imp. pasture: no rock, farms, trees
110	0	0.2	0	Dry heather moor: no rock, no burning, no trees
140	5.3	3.6	0	Undiff. Nardus/Molinia: no rock, no trees
141	0.4	0	0	Undiff. Nardus/Molinia: no rock, trees
150	0.8	0	11.5	Smooth grass/rushes: no rock, no trees
151	0.2	0	0	Smooth grass/rushes: no rock, trees
155	0.1	0	0	Smooth grass/low scrub: no rock, no trees
156	0.6	0	0	Smooth grass/low scrub: no rock, trees
160	1.0	0	3.8	Undiff. smooth grass.: no rock, no trees
161	0.5	1.8	0	Undiff. smooth grass.: no rock, trees
162	0.1	1.1	0	Undiff. smooth grass.: rock, no trees
180	3.4	0	0	Blanket bog/peat. veg.: erosion, no trees
182	4.0	0	0	Blanket bog/peat. veg.: no erosion, no trees
183	N.S	0	0	Blanket bog/peat. veg.: no erosion, trees
185	1.0	0	0	Blanket bog/peat. veg.: industrial peat workings
200	0.1	0	0	Wetlands: no drains, no trees
TOTAL	87.6	17.6	17.6	

Table 9.5.3 Total audit of land cover features in Cumbernauld & Kilsyth District in which all mosaics are separately identified.

All areas are expressed in square kilometres to 1 decimal place; all percentages are expressed as % of the total area; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05

code	area	%	description	
3	0.5	0.5	Factory	
5	0.7	0.7	Golf course	
6	N.S	N.S	Cemeteries	
7	0.1	0.1	Recreational land	
12	0.9	0.9	Quarries and opencast (area)	
14	0.1	0.1	Bings and refuse tips (area)	
18	1.6	1.5	Water (area)	
20	19.1	18.2	Built-up (area)	
70	8.8	8.3	Coniferous plantation (area)	
76	0.2	0.2	Undiff. broadleaved (area)	
79	4.1	3.9	Undiff. mixed woodland (area)	
83	0.4	0.4	Recent ploughing for forestry	
84	2.1	2.0	Recently felled forestry	
85	2.5	2.4	Open canopy (young plantation)	
90	25.3	24.1	Imp. pasture: no rock, no farms, no trees	
91	2.9	2.8	Imp. pasture: no rock, no farms, trees	
92	N.S	N.S	Imp. pasture: no rock, farms, no trees	
93	0.5	0.4	Imp. pasture: no rock, farms, trees	
140	5.3	5.0	Undiff. Nardus/Molinia: no rock, no trees	
141	0.4	0.4	Undiff. Nardus/Molinia: no rock, trees	
150	0.8	0.8	Smooth grass/rushes: no rock, no trees	
151	0.2	0.2	Smooth grass/rushes: no rock, trees	
155	0.1	0.1	Smooth grass/low scrub: no rock, no trees	
156	0.6	0.6	Smooth grass/low scrub: no rock, trees	
160	1.0	1.0	Undiff. smooth grass.: no rock, no trees	
161	0.5	0.5	Undiff. smooth grass.: no rock, trees	
162	0.1	0.1	Undiff. smooth grass.: rock, no trees	
180	3.4	3.3	Blanket bog/peat. veg.: erosion, no trees	
182	4.0	3.8	Blanket bog/peat. veg.: no erosion, no trees	
183	N.S	N.S	Blanket bog/peat. veg.: no erosion, trees	
185	1.0	1.0	Blanket bog/peat. veg.: industrial peat workings	
200	0.1	0.1	Wetlands: no drains, no trees	
code	area	%	primary feature	secondary feature
353	5.0	4.7	Imp. pasture: no rock, no farms, no trees	Smooth grass/rushes: no rock, no trees
389	0.2	0.2	Dry heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
444	3.6	3.4	Undiff. Nardus/Molinia: no rock, no trees	Undiff. smooth grass.: no rock, no trees
450	1.1	1.1	Undiff. smooth grass.: rock, no trees	Smooth grass/rushes: no rock, no trees
594	2.3	2.2	Golf course	Undiff. mixed woodland (line)
651	1.8	1.7	Undiff. smooth grass.: no rock, trees	Smooth grass/rushes: no rock, no trees
678	3.5	3.4	Imp. pasture: no rock, no farms, trees	Smooth grass/rushes: no rock, no trees
TOTAL	105.2	100.0		

Cover types		single feature		features in mosaics	
		area	%	primary	secondary
Open countryside					
A	Arable	0.4	0.1	0	0
B	Improved grassland	262.0	32.4	16.0	2.4
C	Good rough grassland	34.2	4.2	18.5	58.8
D	Poor rough grassland	112.7	14.0	57.5	21.5
E	Bracken	1.3	0.2	0.8	0.4
F	Heather moorland	36.0	4.5	8.6	4.3
G	Peatland	77.2	9.6	1.7	14.9
H	Montane	1.1	0.1	0	0
I	Rock and cliffs	0	0	0	0
Woodland					
J	Felled woodland	1.6	0.2	0	0
K	Recent planting	35.9	4.4	0	0
L	Coniferous plantation	95.9	11.9	N.S	0
M	Semi-natural coniferous	0	0	0	0
N	Mixed woodland	8.0	1.0	N.S	0
O	Broadleaved	7.0	0.9	0	0
P	Scrub	0.2	N.S	0	0.3
Wet ground					
Q	Fresh waters	2.7	0.3	0	0
R	Marshes	1.6	0.2	0	0
S	Saltmarshes	0	0	0	0
T	Dunes	N.S	N.S	0	0
U	Tidal waters	0	0	0	0
Developed					
V	Rural development	13.7	1.7	0.4	0.9
W	Urban	12.4	1.5	0	0
Other					
X	Missing photography/obscured land	0	0	0	0
SUBTOTAL		704.1	87.2		
Y	Mosaics of types above	103.5	12.8	103.5	103.5
DISTRICT TOTAL		807.6	100.0		

Nationally significant mosaics			area	%
FG	Heather moorland	Peatland	0.7	0.1
DF	Poor rough grassland	Heather moorland	11.8	1.5
CF	Good rough grassland	Heather moorland	N.S	N.S
GH	Peatland	Montane	0	0
CD	Good rough grassland	Poor rough grassland	49.7	6.2
BC	Improved grassland	Good rough grassland	17.2	2.1
CE	Good rough grassland	Bracken	0.6	0.1
DG	Poor rough grassland	Peatland	14.9	1.8
FH	Heather moorland	Montane	0	0
SUBTOTAL			95.0	11.8
Locally significant mosaics			area	%
DV	Poor rough grassland	Rural development	1.3	0.2
BD	Improved grassland	Poor rough grassland	1.1	0.1
EF	Bracken	Heather moorland	0.4	N.S
DE	Poor rough grassland	Bracken	0.2	N.S
BP	Improved grassland	Scrub	0.1	N.S
SUBTOTAL			3.1	0.4
Remaining mosaics			5.4	0.7
MOSAICS OF SUMMARY COVER TYPES			103.5	12.8

Table 9.6.1

Cumnock & Doon Valley District

Land cover summary categories

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not match the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05. Please refer to Figure 6.2 for guidance in the interpretation of this table.

Table 9.6.2 Total audit of land cover features in Cumnock & Doon Valley District in which all mosaics are allocated according to primary or secondary feature.

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05 sq km. Please refer to Figure 6.3 for guidance in the interpretation of this table.

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
3	0.4	0	0	Factory
5	0.6	0	0	Golf course
6	0.1	0	0	Cemeteries
7	0.1	0	0	Recreational land
12	9.3	0.4	0	Quarries and opencast (area)
14	3.2	0	0	Bings and refuse tips (area)
15	0	0	0.9	Bings and refuse tips (point)
18	2.7	0	0	Water (area)
20	12.4	0	0	Built-up (area)
70	95.9	N.S	0	Coniferous plantation (area)
76	7.0	0	0	Undiff. broadleaved (area)
79	8.0	N.S	0	Undiff. mixed woodland (area)
82	0.2	0	0.3	Undiff. low scrub
83	7.5	0	0	Recent ploughing for forestry
84	1.6	0	0	Recently felled forestry
85	23.4	0	0	Open canopy (young plantation)
87	5.1	0	0	Recent 'ripping' for forestry
90	260.7	15.9	2.4	Imp. pasture: no rock, no farms, no trees
91	1.2	0	0	Imp. pasture: no rock, no farms, trees
94	N.S	0.1	0	Imp. pasture: rock, no farms, no trees
100	0.4	0	0	Arable: no rock, no farms, no trees
110	0	N.S	0	Dry heather moor: no rock, no burning, no trees
116	2.6	0	0	Dry heather moor: rock, burning, no trees
120	0.4	2.7	1.4	Wet heather moor: no rock, no burning, no trees
124	0	2.3	0	Wet heather moor: rock, no burning, no trees
130	1.3	3.1	2.5	Undiff. heather moor: no rock, no burning, no trees
132	31.8	0.2	0	Undiff. heather moor: no rock, burning, no trees
134	0	0.2	0.3	Undiff. heather moor: rock, no burning, no trees
140	110.7	55.9	18.7	Undiff. Nardus/Molinia: no rock, no trees
141	0.2	N.S	0	Undiff. Nardus/Molinia: no rock, trees
142	1.8	1.6	2.8	Undiff. Nardus/Molinia: rock, no trees
150	15.7	9.7	48.6	Smooth grass/rushes: no rock, no trees
151	0.5	0	0.1	Smooth grass/rushes: no rock, trees
155	1.4	0.4	0.2	Smooth grass/low scrub: no rock, no trees
156	2.2	0.1	N.S	Smooth grass/low scrub: no rock, trees
157	0.6	0	0.1	Smooth grass/low scrub: rock, no trees
160	8.8	6.2	8.9	Undiff. smooth grass.: no rock, no trees
161	3.0	0	0	Undiff. smooth grass.: no rock, trees
162	1.8	2.0	0.8	Undiff. smooth grass.: rock, no trees
163	0.2	0	0	Undiff. smooth grass.: rock, trees
170	0.4	0.8	0.3	Undiff. bracken: no rock, no trees
171	0.1	0	0	Undiff. bracken: no rock, trees
172	0.5	0	0.1	Undiff. bracken: rock, no trees
173	0.3	0	0	Undiff. bracken: rock, trees

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Table 9.6.2 Total audit of land cover features in Cumnock & Doon Valley District in which all mosaics are allocated according to primary or secondary feature (continued).

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
180	21.5	0	0.5	Blanket bog/peat. veg.: erosion, no trees
182	52.4	1.7	14.4	Blanket bog/peat. veg.: no erosion, no trees
183	0.8	0	0	Blanket bog/peat. veg.: no erosion, trees
186	2.6	0	0	Blanket bog/peat. veg.: other peat workings
200	1.2	0	0	Wetlands: no drains, no trees
202	0.4	0	0	Wetlands: no drains, trees
210	N.S	0	0	Bare dunes
222	N.S	0	0	Undiff. montane veg.: rock
223	1.1	0	0	Undiff. montane veg.: no rock
TOTAL	704.1	103.5	103.5	

Table 9.6.3 Total audit of land cover features in Cumnock & Doon Valley District in which all mosaics are separately identified.

All areas are expressed in square kilometres to 1 decimal place; all percentages are expressed as % of the total area; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05

code	area	%	description
3	0.4	N.S	Factory
5	0.6	0.1	Golf course
6	0.1	N.S	Cemeteries
7	0.1	N.S	Recreational land
12	9.3	1.1	Quarries and opencast (area)
14	3.2	0.4	Bings and refuse tips (area)
18	2.7	0.3	Water (area)
20	12.4	1.5	Built-up (area)
70	95.9	11.9	Coniferous plantation (area)
76	7.0	0.9	Undiff. broadleaved (area)
79	8.0	1.0	Undiff. mixed woodland (area)
82	0.2	N.S	Undiff. low scrub
83	7.5	0.9	Recent ploughing for forestry
84	1.6	0.2	Recently felled forestry
85	23.4	2.9	Open canopy (young plantation)
87	5.1	0.6	Recent 'ripping' for forestry
90	260.7	32.3	Imp. pasture: no rock, no farms, no trees
91	1.2	0.2	Imp. pasture: no rock, no farms, trees
94	N.S	N.S	Imp. pasture: rock, no farms, no trees
100	0.4	0.1	Arable: no rock, no farms, no trees
116	2.6	0.3	Dry heather moor: rock, burning, no trees
120	0.4	N.S	Wet heather moor: no rock, no burning, no trees
130	1.3	0.2	Undiff. heather moor: no rock, no burning, no trees
132	31.8	3.9	Undiff. heather moor: no rock, burning, no trees
140	110.7	13.7	Undiff. Nardus/Molinia: no rock, no trees
141	0.2	N.S	Undiff. Nardus/Molinia: no rock, trees

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Table 9.6.3 Total audit of land cover features in Cumnock & Doon Valley District in which all mosaics are separately identified (continued).

code	area	%	description	
142	1.8	0.2	Undiff. Nardus/Molinia: rock, no trees	
150	15.7	1.9	Smooth grass/rushes: no rock, no trees	
151	0.5	0.1	Smooth grass/rushes: no rock, trees	
155	1.4	0.2	Smooth grass/low scrub: no rock, no trees	
156	2.2	0.3	Smooth grass/low scrub: no rock, trees	
157	0.6	0.1	Smooth grass/low scrub: rock, no trees	
160	8.8	1.1	Undiff. smooth grass.: no rock, no trees	
161	3.0	0.4	Undiff. smooth grass.: no rock, trees	
162	1.8	0.2	Undiff. smooth grass.: rock, no trees	
163	0.2	N.S	Undiff. smooth grass.: rock, trees	
170	0.4	0.1	Undiff. bracken: no rock, no trees	
171	0.1	N.S	Undiff. bracken: no rock, trees	
172	0.5	0.1	Undiff. bracken: rock, no trees	
173	0.3	N.S	Undiff. bracken: rock, trees	
180	21.5	2.7	Blanket bog/peat. veg.: erosion, no trees	
182	52.4	6.5	Blanket bog/peat. veg.: no erosion, no trees	
183	0.8	0.1	Blanket bog/peat. veg.: no erosion, trees	
186	2.6	0.3	Blanket bog/peat. veg.: other peat workings	
200	1.2	0.1	Wetlands: no drains, no trees	
202	0.4	0.1	Wetlands: no drains, trees	
210	N.S	N.S	Bare dunes	
222	N.S	N.S	Undiff. montane veg.: rock	
223	1.1	0.1	Undiff. montane veg.: no rock	
code	area	%	primary feature	secondary feature
328	0.1	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. Nardus/Molinia: no rock, no trees
353	15.8	2.0	Imp. pasture: no rock, no farms, no trees	Smooth grass/rushes: no rock, no trees
356	2.6	0.3	Undiff. smooth grass.: no rock, no trees	Smooth grass/rushes: no rock, no trees
365	0.2	N.S	Undiff. bracken: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
374	0.5	0.1	Undiff. heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
376	0.1	N.S	Imp. pasture: rock, no farms, no trees	Undiff. low scrub
382	0.1	N.S	Blanket bog/peat. veg.: no erosion, no trees	Undiff. heather moor: no rock, no burning, no trees
387	0.3	N.S	Smooth grass/low scrub: no rock, no trees	Smooth grass/rushes: no rock, no trees
389	N.S	N.S	Dry heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
395	0.2	N.S	Smooth grass/rushes: no rock, no trees	Smooth grass/low scrub: no rock, no trees
399	1.1	0.1	Smooth grass/rushes: no rock, no trees	Imp. pasture: no rock, no farms, no trees
402	6.8	0.8	Smooth grass/rushes: no rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
410	0.3	N.S	Undiff. smooth grass.: no rock, no trees	Imp. pasture: no rock, no farms, no trees
414	13.5	1.7	Undiff. Nardus/Molinia: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
415	0.2	N.S	Undiff. smooth grass.: no rock, no trees	Undiff. bracken: no rock, no trees
416	29.8	3.7	Undiff. Nardus/Molinia: no rock, no trees	Smooth grass/rushes: no rock, no trees
421	3.1	0.4	Undiff. smooth grass.: no rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
424	0.4	N.S	Undiff. smooth grass.: rock, no trees	Undiff. Nardus/Molinia: rock, no trees
426	1.5	0.2	Smooth grass/rushes: no rock, no trees	Undiff. smooth grass.: no rock, no trees
429	0.3	N.S	Undiff. Nardus/Molinia: rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
436	0.1	N.S	Undiff. Nardus/Molinia: no rock, no trees	Blanket bog/peat. veg.: erosion, no trees
442	2.6	0.3	Undiff. heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
443	0.2	N.S	Undiff. heather moor: no rock, burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
444	6.9	0.9	Undiff. Nardus/Molinia: no rock, no trees	Undiff. smooth grass.: no rock, no trees

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Table 9.6.3 Total audit of land cover features in Cumnock & Doon Valley District in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
448	0.2	N.S	Undiff. heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: rock, no trees
449	1.0	0.1	Blanket bog/peat. veg.: no erosion, no trees	Undiff. Nardus/Molinia: no rock, no trees
485	1.4	0.2	Undiff. Nardus/Molinia: no rock, no trees	Wet heather moor: no rock, no burning, no trees
494	0.3	N.S	Undiff. Nardus/Molinia: rock, no trees	Undiff. heather moor: rock, no burning, no trees
503	0.8	0.1	Undiff. Nardus/Molinia: rock, no trees	Undiff. smooth grass.: rock, no trees
504	0.1	N.S	Undiff. Nardus/Molinia: rock, no trees	Smooth grass/low scrub: rock, no trees
521	2.6	0.3	Wet heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
524	0.1	N.S	Smooth grass/rushes: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
530	1.6	0.2	Undiff. smooth grass.: rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
561	0.2	N.S	Undiff. bracken: no rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
564	2.2	0.3	Undiff. Nardus/Molinia: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
573	2.2	0.3	Wet heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: rock, no trees
593	0.5	0.1	Undiff. bracken: no rock, no trees	Undiff. smooth grass.: no rock, no trees
596	0.4	N.S	Blanket bog/peat. veg.: no erosion, no trees	Blanket bog/peat. veg.: erosion, no trees
668	1.0	0.1	Undiff. Nardus/Molinia: no rock, no trees	Imp. pasture: no rock, no farms, no trees
801	0.1	N.S	Smooth grass/low scrub: no rock, trees	Smooth grass/rushes: no rock, trees
1049	0.1	N.S	Smooth grass/low scrub: no rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
1279	0.1	N.S	Undiff. Nardus/Molinia: no rock, no trees	Smooth grass/low scrub: no rock, no trees
1317	0.9	0.1	Undiff. Nardus/Molinia: no rock, no trees	Bings and refuse tips (point)
1321	N.S	N.S	Undiff. mixed woodland (area)	Smooth grass/rushes: no rock, no trees
1324	0.4	0.1	Quarries and opencast (area)	Undiff. Nardus/Molinia: no rock, no trees
1383	N.S	N.S	Undiff. Nardus/Molinia: no rock, trees	Smooth grass/rushes: no rock, trees
1400	N.S	N.S	Coniferous plantation (area)	Smooth grass/low scrub: no rock, trees
1404	0.1	N.S	Blanket bog/peat. veg.: no erosion, no trees	Undiff. low scrub
1463	0.1	N.S	Wet heather moor: rock, no burning, no trees	Undiff. bracken: rock, no trees
1464	0.1	N.S	Wet heather moor: no rock, no burning, no trees	Undiff. bracken: no rock, no trees
TOTAL	807.6	100.0		

Cover types		single feature		features in mosaics	
		area	%	primary	secondary
Open countryside					
A	Arable	7.1	0.8	0	0
B	Improved grassland	250.7	28.3	16.5	0.7
C	Good rough grassland	32.6	3.7	42.4	66.6
D	Poor rough grassland	15.0	1.7	21.7	110.2
E	Bracken	1.9	0.2	0	3.3
F	Heather moorland	23.2	2.6	106.5	27.0
G	Peatland	102.5	11.6	22.5	1.9
H	Montane	34.5	3.9	0	0.9
I	Rock and cliffs	0.2	N.S.	0.1	0
Woodland					
J	Felled woodland	0.5	0.1	0	0
K	Recent planting	29.3	3.3	0	1.2
L	Coniferous plantation	67.3	7.6	0	N.S.
M	Semi-natural coniferous	0	0	0	0
N	Mixed woodland	9.9	1.1	0.4	0.1
O	Broadleaved	9.7	1.1	1.7	0.6
P	Scrub	3.3	0.4	0.2	2.0
Wet ground					
Q	Fresh waters	4.6	0.5	0	N.S.
R	Marshes	1.1	0.1	0	0.2
S	Saltmarshes	0.4	N.S.	0	0
T	Dunes	0.8	0.1	2.2	0
U	Tidal waters	1.6	0.2	0	0
Developed					
V	Rural development	19.7	2.2	0.6	0
W	Urban	46.7	5.3	0	0
Other					
X	Missing photography/obscured land	9.7	1.1	0	0
SUBTOTAL		672.2	75.8		
Y	Mosaics of types above	214.7	24.2	214.7	214.7
DISTRICT TOTAL		886.9	100.0		

Nationally significant mosaics			area	%
FG	Heather moorland	Peatland	17.0	1.9
DF	Poor rough grassland	Heather moorland	98.3	11.1
CF	Good rough grassland	Heather moorland	17.5	2.0
GH	Peatland	Montane	0.9	0.1
CD	Good rough grassland	Poor rough grassland	24.0	2.7
BC	Improved grassland	Good rough grassland	14.3	1.6
CE	Good rough grassland	Bracken	3.3	0.4
DG	Poor rough grassland	Peatland	6.6	0.7
FH	Heather moorland	Montane	0	0
SUBTOTAL			182.0	20.5
Locally significant mosaics			area	%
CT	Good rough grassland	Dunes	2.2	0.2
CO	Good rough grassland	Broadleaved	1.5	0.2
BD	Improved grassland	Poor rough grassland	1.5	0.2
DK	Poor rough grassland	Recent planting	1.2	0.1
BP	Improved grassland	Scrub	0.9	0.1
SUBTOTAL			7.3	0.8
Remaining mosaics			25.5	2.9
MOSAICS OF SUMMARY COVER TYPES			214.7	24.2

Table 9.7.1

Cunninghame District

Land cover summary categories

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not match the totals of the columns due to rounding error discrepancies; 0 = not present; N.S. = not significant = < 0.05. Please refer to Figure 6.2 for guidance in the interpretation of this table.

Table 9.7.2 Total audit of land cover features in Cunninghame District in which all mosaics are allocated according to primary or secondary feature.

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S. = not significant = < 0.05 sq km. Please refer to Figure 6.3 for guidance in the interpretation of this table.

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
3	9.8	0	0	Factory
5	6.8	0.5	0	Golf course
6	0.1	0	0	Cemeteries
7	0.5	0	0	Recreational land
10	0.2	0.1	0	Rock and cliffs (area)
12	1.3	0	0	Quarries and opencast (area)
14	0.8	0	0	Bings and refuse tips (area)
18	4.6	0	0	Water (area)
19	0	0	N.S	Water (point)
20	46.7	0	0	Built-up (area)
21	0.3	0.1	0	Transport features, road
24	1.6	0	0	Estuary
26	9.7	0	0	Cloud cover
70	67.3	0	N.S	Coniferous plantation (area)
76	9.7	1.7	0.1	Undiff. broadleaved (area)
78	0	0	0.5	Undiff. broadleaved (point)
79	9.9	0.4	0.1	Undiff. mixed woodland (area)
81	0	0	N.S	Undiff. mixed woodland (point)
82	3.1	0.2	2.0	Undiff. low scrub
83	14.4	0	1.2	Recent ploughing for forestry
84	0.5	0	0	Recently felled forestry
85	14.9	0	0	Open canopy (young plantation)
86	0.2	0	0	Rhododendron scrub
90	246.6	16.5	0.7	Imp. pasture: no rock, no farms, no trees
91	3.5	0	0	Imp. pasture: no rock, no farms, trees
92	0.1	0	0	Imp. pasture: no rock, farms, no trees
93	0.5	0	0	Imp. pasture: no rock, farms, trees
100	6.9	0	0	Arable: no rock, no farms, no trees
101	0.1	0	0	Arable: no rock, no farms, trees
110	0.4	0.3	0.7	Dry heather moor: no rock, no burning, no trees
114	2.1	0	0	Dry heather moor: rock, no burning, no trees
115	0.1	0	0	Dry heather moor: rock, no burning, trees
120	0.1	0	0	Wet heather moor: no rock, no burning, no trees
130	9.8	102.4	23.7	Undiff. heather moor: no rock, no burning, no trees
131	0.5	0.1	0	Undiff. heather moor: no rock, no burning, trees
132	9.1	0	0	Undiff. heather moor: no rock, burning, no trees
134	1.2	3.8	2.6	Undiff. heather moor: rock, no burning, no trees
140	12.8	19.1	95.3	Undiff. Nardus/Molinia: no rock, no trees
141	1.6	1.8	0.1	Undiff. Nardus/Molinia: no rock, trees
142	0.6	0.8	14.8	Undiff. Nardus/Molinia: rock, no trees
150	2.7	0.2	38.4	Smooth grass/rushes: no rock, no trees
151	0.3	0	0	Smooth grass/rushes: no rock, trees
155	2.5	0	3.9	Smooth grass/low scrub: no rock, no trees
156	2.0	1.0	0	Smooth grass/low scrub: no rock, trees

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Table 9.7.2 Total audit of land cover features in Cunninghame District in which all mosaics are allocated according to primary or secondary feature (continued).

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
158	0.4	0	0	Smooth grass/low scrub: rock, trees
160	15.4	31.7	21.7	Undiff. smooth grass.: no rock, no trees
161	6.8	1.7	2.3	Undiff. smooth grass.: no rock, trees
162	2.1	7.8	0.3	Undiff. smooth grass.: rock, no trees
163	0.3	0	0	Undiff. smooth grass.: rock, trees
170	0.4	0	3.0	Undiff. bracken: no rock, no trees
171	1.5	0	0.3	Undiff. bracken: no rock, trees
172	N.S	0	0	Undiff. bracken: rock, no trees
180	40.4	2.8	0	Blanket bog/peat. veg.: erosion, no trees
182	60.6	19.7	1.9	Blanket bog/peat. veg.: no erosion, no trees
183	0.1	0	0	Blanket bog/peat. veg.: no erosion, trees
184	0.3	0	0	Blanket bog/peat. veg.: dubh lochans
185	0.2	0	0	Blanket bog/peat. veg.: industrial peat workings
186	0.8	0	0	Blanket bog/peat. veg.: other peat workings
190	0.4	0	0	Undiff. salt marsh: no trees
191	0.2	N.S	0	Maritime grassland: no trees
200	0.3	0	0.2	Wetlands: no drains, no trees
201	0.7	0	0	Wetlands: drains, no trees
203	N.S	0	0	Wetlands: drains, trees
210	0.5	0	0	Bare dunes
211	0.1	0	0	Partially stabilized dunes
212	0.1	2.2	0	Links area: grass
222	15.3	0	0	Undiff. montane veg.: rock
223	19.2	0	0.9	Undiff. montane veg.: no rock
TOTAL	672.2	214.7	214.7	

Table 9.7.3 Total audit of land cover features in Cunninghame District in which all mosaics are separately identified.

All areas are expressed in square kilometres to 1 decimal place; all percentages are expressed as % of the total area; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05

code	area	%	description
3	9.8	1.1	Factory
5	6.8	0.8	Golf course
6	0.1	N.S	Cemeteries
7	0.5	0.1	Recreational land
10	0.2	N.S	Rock and cliffs (area)
12	1.3	0.2	Quarries and opencast (area)
14	0.8	0.1	Bings and refuse tips (area)
18	4.6	0.5	Water (area)
20	46.7	5.3	Built-up (area)
21	0.3	N.S	Transport features, road
24	1.6	0.2	Estuary
26	9.7	1.1	Cloud cover
70	67.3	7.6	Coniferous plantation (area)

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Table 9.7.3 Total audit of land cover features in Cunninghame District in which all mosaics are separately identified (continued).

code	area	%	description
76	9.7	1.1	Undiff. broadleaved (area)
79	9.9	1.1	Undiff. mixed woodland (area)
82	3.1	0.4	Undiff. low scrub
83	14.4	1.6	Recent ploughing for forestry
84	0.5	0.1	Recently felled forestry
85	14.9	1.7	Open canopy (young plantation)
86	0.2	N.S	Rhododendron scrub
90	246.6	27.8	Imp. pasture: no rock, no farms, no trees
91	3.5	0.4	Imp. pasture: no rock, no farms, trees
92	0.1	N.S	Imp. pasture: no rock, farms, no trees
93	0.5	0.1	Imp. pasture: no rock, farms, trees
100	6.9	0.8	Arable: no rock, no farms, no trees
101	0.1	N.S	Arable: no rock, no farms, trees
110	0.4	N.S	Dry heather moor: no rock, no burning, no trees
114	2.1	0.2	Dry heather moor: rock, no burning, no trees
115	0.1	N.S	Dry heather moor: rock, no burning, trees
120	0.1	N.S	Wet heather moor: no rock, no burning, no trees
130	9.8	1.1	Undiff. heather moor: no rock, no burning, no trees
131	0.5	0.1	Undiff. heather moor: no rock, no burning, trees
132	9.1	1.0	Undiff. heather moor: no rock, burning, no trees
134	1.2	0.1	Undiff. heather moor: rock, no burning, no trees
140	12.8	1.4	Undiff. Nardus/Molinia: no rock, no trees
141	1.6	0.2	Undiff. Nardus/Molinia: no rock, trees
142	0.6	0.1	Undiff. Nardus/Molinia: rock, no trees
150	2.7	0.3	Smooth grass/rushes: no rock, no trees
151	0.3	N.S	Smooth grass/rushes: no rock, trees
155	2.5	0.3	Smooth grass/low scrub: no rock, no trees
156	2.0	0.2	Smooth grass/low scrub: no rock, trees
158	0.4	N.S	Smooth grass/low scrub: rock, trees
160	15.4	1.7	Undiff. smooth grass.: no rock, no trees
161	6.8	0.8	Undiff. smooth grass.: no rock, trees
162	2.1	0.2	Undiff. smooth grass.: rock, no trees
163	0.3	N.S	Undiff. smooth grass.: rock, trees
170	0.4	N.S	Undiff. bracken: no rock, no trees
171	1.5	0.2	Undiff. bracken: no rock, trees
172	N.S	N.S	Undiff. bracken: rock, no trees
180	40.4	4.6	Blanket bog/peat. veg.: erosion, no trees
182	60.6	6.8	Blanket bog/peat. veg.: no erosion, no trees
183	0.1	N.S	Blanket bog/peat. veg.: no erosion, trees
184	0.3	N.S	Blanket bog/peat. veg.: dubh lochans
185	0.2	N.S	Blanket bog/peat. veg.: industrial peat workings
186	0.8	0.1	Blanket bog/peat. veg.: other peat workings
190	0.4	N.S	Undiff. salt marsh: no trees
191	0.2	N.S	Maritime grassland: no trees
200	0.3	N.S	Wetlands: no drains, no trees
201	0.7	0.1	Wetlands: drains, no trees
203	N.S	N.S	Wetlands: drains, trees
210	0.5	0.1	Bare dunes
211	0.1	N.S	Partially stabilized dunes

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Table 9.7.3 Total audit of land cover features in Cunninghame District in which all mosaics are separately identified (continued).

code	area	%	description	
212	0.1	N.S	Links area: grass	
222	15.3	1.7	Undiff. montane veg.: rock	
223	19.2	2.2	Undiff. montane veg.: no rock	
code	area	%	primary feature	secondary feature
317	2.1	0.2	Undiff. smooth grass.: rock, no trees	Undiff. heather moor: rock, no burning, no trees
328	1.0	0.1	Imp. pasture: no rock, no farms, no trees	Undiff. Nardus/Molinia: no rock, no trees
353	11.4	1.3	Imp. pasture: no rock, no farms, no trees	Smooth grass/rushes: no rock, no trees
356	19.9	2.2	Undiff. smooth grass.: no rock, no trees	Smooth grass/rushes: no rock, no trees
374	1.9	0.2	Undiff. heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
382	15.0	1.7	Blanket bog/peat. veg.: no erosion, no trees	Undiff. heather moor: no rock, no burning, no trees
385	11.2	1.3	Undiff. heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
389	0.3	N.S	Dry heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
390	0.9	0.1	Imp. pasture: no rock, no farms, no trees	Undiff. smooth grass.: no rock, no trees
395	0.2	N.S	Smooth grass/rushes: no rock, no trees	Smooth grass/low scrub: no rock, no trees
400	0.3	N.S	Undiff. smooth grass.: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
409	1.0	0.1	Imp. pasture: no rock, no farms, no trees	Smooth grass/low scrub: no rock, no trees
410	0.4	N.S	Undiff. smooth grass.: no rock, no trees	Imp. pasture: no rock, no farms, no trees
415	3.0	0.3	Undiff. smooth grass.: no rock, no trees	Undiff. bracken: no rock, no trees
416	5.3	0.6	Undiff. Nardus/Molinia: no rock, no trees	Smooth grass/rushes: no rock, no trees
421	4.2	0.5	Undiff. smooth grass.: no rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
424	2.6	0.3	Undiff. smooth grass.: rock, no trees	Undiff. Nardus/Molinia: rock, no trees
434	0.3	N.S	Undiff. smooth grass.: no rock, trees	Undiff. bracken: no rock, trees
442	88.9	10.0	Undiff. heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
444	7.5	0.8	Undiff. Nardus/Molinia: no rock, no trees	Undiff. smooth grass.: no rock, no trees
447	1.9	0.2	Blanket bog/peat. veg.: erosion, no trees	Undiff. Nardus/Molinia: rock, no trees
448	3.8	0.4	Undiff. heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: rock, no trees
450	0.1	N.S	Undiff. smooth grass.: rock, no trees	Smooth grass/rushes: no rock, no trees
453	0.3	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. smooth grass.: rock, no trees
493	1.0	0.1	Undiff. smooth grass.: no rock, no trees	Smooth grass/low scrub: no rock, no trees
494	0.4	N.S	Undiff. Nardus/Molinia: rock, no trees	Undiff. heather moor: rock, no burning, no trees
497	4.7	0.5	Blanket bog/peat. veg.: no erosion, no trees	Undiff. Nardus/Molinia: rock, no trees
510	0.3	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. heather moor: no rock, no burning, no trees
534	0.9	0.1	Imp. pasture: no rock, no farms, no trees	Undiff. low scrub
564	5.2	0.6	Undiff. Nardus/Molinia: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
602	0.9	0.1	Blanket bog/peat. veg.: erosion, no trees	Undiff. montane veg.: no rock
631	0.6	0.1	Undiff. smooth grass.: no rock, no trees	Dry heather moor: no rock, no burning, no trees
651	1.3	0.1	Undiff. smooth grass.: no rock, trees	Smooth grass/rushes: no rock, no trees
668	0.3	N.S	Undiff. Nardus/Molinia: no rock, no trees	Imp. pasture: no rock, no farms, no trees
679	0.5	0.1	Golf course	Undiff. broadleaved (point)
713	0.1	N.S	Undiff. low scrub	Undiff. smooth grass.: no rock, no trees
741	0.1	N.S	Undiff. heather moor: no rock, no burning, trees	Undiff. Nardus/Molinia: no rock, trees
751	0.9	0.1	Undiff. broadleaved (area)	Undiff. smooth grass.: no rock, no trees
756	0.4	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. smooth grass.: no rock, trees
761	0.7	0.1	Undiff. smooth grass.: no rock, no trees	Undiff. low scrub
809	0.4	N.S	Undiff. heather moor: no rock, no burning, no trees	Undiff. low scrub
823	0.1	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. Nardus/Molinia: rock, no trees
955	0.2	N.S	Imp. pasture: no rock, no farms, no trees	Wetlands: no drains, no trees
995	3.0	0.3	Undiff. smooth grass.: rock, no trees	Undiff. heather moor: no rock, no burning, no trees
1036	0.4	N.S	Undiff. mixed woodland (area)	Undiff. smooth grass.: no rock, no trees

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Table 9.7.3 Total audit of land cover features in Cunninghame District in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
1083	0.1	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. broadleaved (area)
1096	0.1	N.S	Undiff. smooth grass.: no rock, trees	Dry heather moor: no rock, no burning, no trees
1098	0.6	0.1	Undiff. broadleaved (area)	Undiff. smooth grass.: no rock, trees
1126	0.4	N.S	Undiff. Nardus/Molinia: rock, no trees	Undiff. smooth grass.: no rock, no trees
1151	0.4	0.1	Links area: grass	Smooth grass/rushes: no rock, no trees
1176	1.8	0.2	Links area: grass	Smooth grass/low scrub: no rock, no trees
1197	0.2	N.S	Undiff. broadleaved (area)	Undiff. Nardus/Molinia: no rock, no trees
1266	0.8	0.1	Undiff. Nardus/Molinia: no rock, no trees	Recent ploughing for forestry
1307	1.3	0.2	Undiff. Nardus/Molinia: no rock, trees	Undiff. smooth grass.: no rock, trees
1308	1.7	0.2	Undiff. smooth grass.: no rock, no trees	Undiff. Nardus/Molinia: rock, no trees
1309	0.4	N.S	Undiff. Nardus/Molinia: no rock, trees	Recent ploughing for forestry
1314	0.1	N.S	Rock and cliffs (area)	Undiff. Nardus/Molinia: no rock, no trees
1345	N.S	N.S	Undiff. low scrub	Undiff. mixed woodland (point)
1412	0.1	N.S	Transport features, road	Undiff. mixed woodland (area)
1413	N.S	N.S	Links area: grass	Coniferous plantation (area)
1439	1.0	0.1	Smooth grass/low scrub: no rock, trees	Undiff. Nardus/Molinia: no rock, no trees
1447	N.S	N.S	Maritime grassland: no trees	Water (point)
TOTAL	886.9	100.0		

Cover types		single feature		features in mosaics	
		area	%	primary	secondary
Open countryside					
A	Arable	0	0	0	0
B	Improved grassland	68.1	13.0	15.9	3.7
C	Good rough grassland	4.9	0.9	27.6	46.8
D	Poor rough grassland	5.3	1.0	29.8	70.3
E	Bracken	6.0	1.1	31.7	15.3
F	Heather moorland	22.1	4.2	87.7	39.0
G	Peatland	7.7	1.5	17.8	35.0
H	Montane	3.6	0.7	7.9	2.9
I	Rock and cliffs	0.2	N.S	0	5.0
Woodland					
J	Felled woodland	1.1	0.2	N.S	0
K	Recent planting	31.1	5.9	0	0
L	Coniferous plantation	21.0	4.0	0	0
M	Semi-natural coniferous	0	0	0	0
N	Mixed woodland	17.5	3.4	0.5	0
O	Broadleaved	21.9	4.2	0.4	0
P	Scrub	0	0	0.1	0.2
Wet ground					
Q	Fresh waters	52.5	10.0	0	0
R	Marshes	0.3	0.1	0.1	1.4
S	Saltmarshes	0.4	0.1	0	0
T	Dunes	0	0	0	0
U	Tidal waters	0.4	0.1	0	0
Developed					
V	Rural development	6.3	1.2	0	0
W	Urban	32.9	6.3	0	0
Other					
X	Missing photography/obscured land	0.2	N.S	0	0
SUBTOTAL		303.6	58.0		
Y	Mosaics of types above	219.6	42.0	219.6	219.6
DISTRICT TOTAL		523.1	100.0		

Nationally significant mosaics			area	%
FG	Heather moorland	Peatland	32.9	6.3
DF	Poor rough grassland	Heather moorland	68.4	13.1
CF	Good rough grassland	Heather moorland	7.4	1.4
GH	Peatland	Montane	8.1	1.6
CD	Good rough grassland	Poor rough grassland	11.9	2.3
BC	Improved grassland	Good rough grassland	19.6	3.7
CE	Good rough grassland	Bracken	24.0	4.6
DG	Poor rough grassland	Peatland	10.2	1.9
FH	Heather moorland	Montane	0.1	N.S
SUBTOTAL			182.7	34.9
Locally significant mosaics			area	%
EF	Bracken	Heather moorland	12.3	2.4
DE	Poor rough grassland	Bracken	9.7	1.9
HI	Montane	Rock and cliffs	2.5	0.5
FI	Heather moorland	Rock and cliffs	2.4	0.5
CR	Good rough grassland	Marshes	1.3	0.2
SUBTOTAL			28.3	5.4
Remaining mosaics			8.6	1.6
MOSAICS OF SUMMARY COVER TYPES			219.6	42.0

Table 9.8.1

Dumbarton District

Land cover summary categories

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not match the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05. Please refer to Figure 6.2 for guidance in the interpretation of this table.

Table 9.8.2 Total audit of land cover features in Dumbarton District in which all mosaics are allocated according to primary or secondary feature.

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S. = not significant = < 0.05 sq km. Please refer to Figure 6.3 for guidance in the interpretation of this table.

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
3	2.9	0	0	Factory
5	1.4	0	0	Golf course
6	0.1	0	0	Cemeteries
7	1.0	0	0	Recreational land
10	0.2	0	5.0	Rock and cliffs (area)
12	1.0	0	0	Quarries and opencast (area)
14	N.S	0	0	Bings and refuse tips (area)
18	52.5	0	0	Water (area)
20	32.9	0	0	Built-up (area)
24	0.4	0	0	Estuary
26	0.2	0	0	Cloud cover
70	21.0	0	0	Coniferous plantation (area)
76	21.9	0.4	0	Undiff. broadleaved (area)
79	17.5	0.5	0	Undiff. mixed woodland (area)
82	0	0.1	0.1	Undiff. low scrub
83	8.9	0	0	Recent ploughing for forestry
84	1.1	N.S	0	Recently felled forestry
85	22.2	0	0	Open canopy (young plantation)
86	0	0	0.1	Rhododendron scrub
90	65.6	14.9	3.4	Imp. pasture: no rock, no farms, no trees
91	2.5	0	0.3	Imp. pasture: no rock, no farms, trees
92	N.S	0	0	Imp. pasture: no rock, farms, no trees
94	0	1.0	0	Imp. pasture: rock, no farms, no trees
95	0	0	0.1	Imp. pasture: rock, no farms, trees
110	0.2	0	0	Dry heather moor: no rock, no burning, no trees
114	0.1	1.1	1.5	Dry heather moor: rock, no burning, no trees
115	0	0.3	0.3	Dry heather moor: rock, no burning, trees
120	13.5	1.4	0	Wet heather moor: no rock, no burning, no trees
124	0.7	1.5	0	Wet heather moor: rock, no burning, no trees
130	1.6	46.1	27.1	Undiff. heather moor: no rock, no burning, no trees
131	0.1	2.2	1.4	Undiff. heather moor: no rock, no burning, trees
134	5.1	33.7	8.5	Undiff. heather moor: rock, no burning, no trees
135	0.7	1.3	0.1	Undiff. heather moor: rock, no burning, trees
140	5.2	20.9	51.0	Undiff. Nardus/Molinia: no rock, no trees
141	0	1.7	3.3	Undiff. Nardus/Molinia: no rock, trees
142	0.1	7.1	15.5	Undiff. Nardus/Molinia: rock, no trees
143	0	0.1	0.7	Undiff. Nardus/Molinia: rock, trees
150	0.7	19.7	23.4	Smooth grass/rushes: no rock, no trees
151	0.4	1.2	2.1	Smooth grass/rushes: no rock, trees
152	0	0.2	1.0	Smooth grass/rushes: rock, no trees
155	0.4	0.6	2.0	Smooth grass/low scrub: no rock, no trees
156	0.3	0.5	0.6	Smooth grass/low scrub: no rock, trees
157	0	0.1	0.1	Smooth grass/low scrub: rock, no trees
158	N.S	0.5	0.2	Smooth grass/low scrub: rock, trees

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Table 9.8.2 Total audit of land cover features in Dumbarton District in which all mosaics are allocated according to primary or secondary feature (continued).

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
160	0.1	1.2	6.7	Undiff. smooth grass.: no rock, no trees
161	0.2	0	3.0	Undiff. smooth grass.: no rock, trees
162	0.8	1.7	5.9	Undiff. smooth grass.: rock, no trees
163	2.0	1.9	1.8	Undiff. smooth grass.: rock, trees
170	1.4	19.3	6.0	Undiff. bracken: no rock, no trees
171	2.7	6.6	2.2	Undiff. bracken: no rock, trees
172	0.4	3.9	4.1	Undiff. bracken: rock, no trees
173	1.5	1.9	3.0	Undiff. bracken: rock, trees
180	5.9	15.6	18.8	Blanket bog/peat. veg.: erosion, no trees
182	1.6	2.2	16.2	Blanket bog/peat. veg.: no erosion, no trees
183	0.2	N.S	0	Blanket bog/peat. veg.: no erosion, trees
190	0.4	0	0	Undiff. salt marsh: no trees
191	N.S	0	0	Maritime grassland: no trees
200	0.1	0	1.3	Wetlands: no drains, no trees
202	0.3	0.1	N.S	Wetlands: no drains, trees
222	3.6	5.4	0	Undiff. montane veg.: rock
223	0	2.5	2.9	Undiff. montane veg.: no rock
TOTAL	303.6	219.6	219.6	

Table 9.8.3 Total audit of land cover features in Dumbarton District in which all mosaics are separately identified.

All areas are expressed in square kilometres to 1 decimal place; all percentages are expressed as % of the total area; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05

code	area	%	description
3	2.9	0.5	Factory
5	1.4	0.3	Golf course
6	0.1	N.S	Cemeteries
7	1.0	0.2	Recreational land
10	0.2	N.S	Rock and cliffs (area)
12	1.0	0.2	Quarries and opencast (area)
14	N.S	N.S	Bings and refuse tips (area)
18	52.5	10.0	Water (area)
20	32.9	6.3	Built-up (area)
24	0.4	0.1	Estuary
26	0.2	N.S	Cloud cover
70	21.0	4.0	Coniferous plantation (area)
76	21.9	4.2	Undiff. broadleaved (area)
79	17.5	3.4	Undiff. mixed woodland (area)
83	8.9	1.7	Recent ploughing for forestry
84	1.1	0.2	Recently felled forestry
85	22.2	4.3	Open canopy (young plantation)
90	65.6	12.5	Imp. pasture: no rock, no farms, no trees
91	2.5	0.5	Imp. pasture: no rock, no farms, trees

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Table 9.8.3 Total audit of land cover features in Dumbarton District in which all mosaics are separately identified (continued).

code	area	%	description	
92	N.S	N.S	Imp. pasture: no rock, farms, no trees	
110	0.2	N.S	Dry heather moor: no rock, no burning, no trees	
114	0.1	N.S	Dry heather moor: rock, no burning, no trees	
120	13.5	2.6	Wet heather moor: no rock, no burning, no trees	
124	0.7	0.1	Wet heather moor: rock, no burning, no trees	
130	1.6	0.3	Undiff. heather moor: no rock, no burning, no trees	
131	0.1	N.S	Undiff. heather moor: no rock, no burning, trees	
134	5.1	1.0	Undiff. heather moor: rock, no burning, no trees	
135	0.7	0.1	Undiff. heather moor: rock, no burning, trees	
140	5.2	1.0	Undiff. Nardus/Molinia: no rock, no trees	
142	0.1	N.S	Undiff. Nardus/Molinia: rock, no trees	
150	0.7	0.1	Smooth grass/rushes: no rock, no trees	
151	0.4	0.1	Smooth grass/rushes: no rock, trees	
155	0.4	0.1	Smooth grass/low scrub: no rock, no trees	
156	0.3	0.1	Smooth grass/low scrub: no rock, trees	
158	N.S	N.S	Smooth grass/low scrub: rock, trees	
160	0.1	N.S	Undiff. smooth grass.: no rock, no trees	
161	0.2	N.S	Undiff. smooth grass.: no rock, trees	
162	0.8	0.2	Undiff. smooth grass.: rock, no trees	
163	2.0	0.4	Undiff. smooth grass.: rock, trees	
170	1.4	0.3	Undiff. bracken: no rock, no trees	
171	2.7	0.5	Undiff. bracken: no rock, trees	
172	0.4	0.1	Undiff. bracken: rock, no trees	
173	1.5	0.3	Undiff. bracken: rock, trees	
180	5.9	1.1	Blanket bog/peat. veg.: erosion, no trees	
182	1.6	0.3	Blanket bog/peat. veg.: no erosion, no trees	
183	0.2	N.S	Blanket bog/peat. veg.: no erosion, trees	
190	0.4	0.1	Undiff. salt marsh: no trees	
191	N.S	N.S	Maritime grassland: no trees	
200	0.1	N.S	Wetlands: no drains, no trees	
202	0.3	0.1	Wetlands: no drains, trees	
222	3.6	0.7	Undiff. montane veg.: rock	
code	area	%	primary feature	secondary feature
317	0.3	0.1	Undiff. smooth grass.: rock, no trees	Undiff. heather moor: rock, no burning, no trees
326	0.4	0.1	Dry heather moor: rock, no burning, no trees	Undiff. smooth grass.: rock, no trees
353	14.9	2.9	Imp. pasture: no rock, no farms, no trees	Smooth grass/rushes: no rock, no trees
355	0.5	0.1	Blanket bog/peat. veg.: no erosion, no trees	Smooth grass/rushes: no rock, no trees
356	0.5	0.1	Undiff. smooth grass.: no rock, no trees	Smooth grass/rushes: no rock, no trees
360	3.0	0.6	Undiff. heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
362	1.9	0.4	Undiff. heather moor: no rock, no burning, no trees	Undiff. bracken: no rock, no trees
365	4.0	0.8	Undiff. bracken: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
366	2.7	0.5	Undiff. heather moor: rock, no burning, no trees	Undiff. bracken: rock, no trees
367	0.8	0.2	Undiff. bracken: rock, no trees	Undiff. heather moor: rock, no burning, no trees
374	9.8	1.9	Undiff. heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
382	1.3	0.3	Blanket bog/peat. veg.: no erosion, no trees	Undiff. heather moor: no rock, no burning, no trees
385	1.0	0.2	Undiff. heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
386	0.1	N.S	Smooth grass/rushes: no rock, no trees	Undiff. low scrub
387	0.3	0.1	Smooth grass/low scrub: no rock, no trees	Smooth grass/rushes: no rock, no trees

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Table 9.8.3 Total audit of land cover features in Dumbarton District in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
395	0.8	0.2	Smooth grass/rushes: no rock, no trees	Smooth grass/low scrub: no rock, no trees
396	2.7	0.5	Undiff. heather moor: rock, no burning, no trees	Undiff. smooth grass.: rock, no trees
399	3.2	0.6	Smooth grass/rushes: no rock, no trees	Imp. pasture: no rock, no farms, no trees
401	1.4	0.3	Undiff. smooth grass.: rock, no trees	Undiff. bracken: rock, no trees
402	10.5	2.0	Smooth grass/rushes: no rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
406	0.6	0.1	Smooth grass/rushes: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
413	0.1	N.S	Smooth grass/rushes: no rock, trees	Smooth grass/low scrub: no rock, trees
414	2.4	0.5	Undiff. Nardus/Molinia: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
415	0.3	0.1	Undiff. smooth grass.: no rock, no trees	Undiff. bracken: no rock, no trees
416	0.1	N.S	Undiff. Nardus/Molinia: no rock, no trees	Smooth grass/rushes: no rock, no trees
417	0.2	N.S	Undiff. heather moor: no rock, no burning, no trees	Smooth grass/low scrub: no rock, no trees
426	1.4	0.3	Smooth grass/rushes: no rock, no trees	Undiff. smooth grass.: no rock, no trees
436	1.4	0.3	Undiff. Nardus/Molinia: no rock, no trees	Blanket bog/peat. veg.: erosion, no trees
437	1.0	0.2	Undiff. heather moor: no rock, no burning, no trees	Smooth grass/rushes: no rock, no trees
441	0.1	N.S	Smooth grass/low scrub: no rock, trees	Undiff. bracken: no rock, no trees
442	29.5	5.6	Undiff. heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
444	0.1	N.S	Undiff. Nardus/Molinia: no rock, no trees	Undiff. smooth grass.: no rock, no trees
448	15.4	2.9	Undiff. heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: rock, no trees
449	0.4	0.1	Blanket bog/peat. veg.: no erosion, no trees	Undiff. Nardus/Molinia: no rock, no trees
457	1.7	0.3	Undiff. smooth grass.: rock, trees	Undiff. bracken: rock, trees
474	4.5	0.9	Blanket bog/peat. veg.: erosion, no trees	Undiff. Nardus/Molinia: no rock, no trees
477	2.6	0.5	Undiff. heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: erosion, no trees
487	0.4	0.1	Undiff. heather moor: no rock, no burning, trees	Smooth grass/rushes: no rock, trees
493	0.5	0.1	Undiff. smooth grass.: no rock, no trees	Smooth grass/low scrub: no rock, no trees
494	5.5	1.0	Undiff. Nardus/Molinia: rock, no trees	Undiff. heather moor: rock, no burning, no trees
507	0.1	N.S	Smooth grass/low scrub: no rock, no trees	Imp. pasture: no rock, no farms, no trees
521	1.4	0.3	Wet heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
524	0.5	0.1	Smooth grass/rushes: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
533	0.1	N.S	Smooth grass/low scrub: no rock, trees	Undiff. bracken: no rock, trees
557	2.8	0.5	Undiff. bracken: rock, no trees	Undiff. smooth grass.: rock, no trees
558	6.0	1.1	Undiff. bracken: no rock, no trees	Smooth grass/rushes: no rock, no trees
559	0.2	N.S	Undiff. bracken: no rock, trees	Smooth grass/rushes: no rock, trees
560	0.1	N.S	Undiff. bracken: rock, no trees	Undiff. Nardus/Molinia: rock, no trees
561	4.7	0.9	Undiff. bracken: no rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
564	14.7	2.8	Undiff. Nardus/Molinia: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
580	7.6	1.5	Undiff. heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: erosion, no trees
586	1.3	0.2	Smooth grass/rushes: no rock, no trees	Undiff. bracken: no rock, no trees
588	1.5	0.3	Undiff. bracken: rock, trees	Undiff. smooth grass.: rock, trees
592	2.2	0.4	Undiff. Nardus/Molinia: no rock, no trees	Undiff. bracken: no rock, no trees
593	4.3	0.8	Undiff. bracken: no rock, no trees	Undiff. smooth grass.: no rock, no trees
602	2.9	0.5	Blanket bog/peat. veg.: erosion, no trees	Undiff. montane veg.: no rock
603	2.4	0.5	Undiff. montane veg.: no rock	Blanket bog/peat. veg.: erosion, no trees
605	0.1	N.S	Imp. pasture: rock, no farms, no trees	Smooth grass/low scrub: rock, no trees
607	2.6	0.5	Undiff. montane veg.: rock	Blanket bog/peat. veg.: erosion, no trees
608	0.2	N.S	Undiff. montane veg.: rock	Blanket bog/peat. veg.: no erosion, no trees
632	2.4	0.5	Undiff. heather moor: rock, no burning, no trees	Rock and cliffs (area)
634	1.9	0.4	Blanket bog/peat. veg.: erosion, no trees	Undiff. heather moor: rock, no burning, no trees
637	0.9	0.2	Imp. pasture: rock, no farms, no trees	Smooth grass/rushes: rock, no trees
683	0.5	0.1	Smooth grass/low scrub: rock, trees	Undiff. bracken: rock, trees
684	0.1	N.S	Undiff. smooth grass.: rock, trees	Dry heather moor: rock, no burning, trees

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Table 9.8.3 Total audit of land cover features in Dumbarton District in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
697	1.2	0.2	Smooth grass/rushes: no rock, no trees	Wetlands: no drains, no trees
709	N.S	N.S	Smooth grass/rushes: no rock, no trees	Smooth grass/low scrub: no rock, trees
711	N.S	N.S	Undiff. broadleaved (area)	Smooth grass/low scrub: no rock, trees
736	6.0	1.2	Blanket bog/peat. veg.: erosion, no trees	Undiff. heather moor: no rock, no burning, no trees
740	0.4	0.1	Undiff. heather moor: rock, no burning, trees	Undiff. Nardus/Molinia: rock, trees
741	0.7	0.1	Undiff. heather moor: no rock, no burning, trees	Undiff. Nardus/Molinia: no rock, trees
742	0.2	N.S	Undiff. bracken: rock, trees	Undiff. Nardus/Molinia: rock, trees
743	1.6	0.3	Undiff. Nardus/Molinia: rock, no trees	Blanket bog/peat. veg.: erosion, no trees
746	0.3	0.1	Dry heather moor: rock, no burning, trees	Undiff. bracken: rock, trees
770	0.5	0.1	Undiff. heather moor: rock, no burning, trees	Undiff. bracken: rock, trees
771	0.4	0.1	Undiff. heather moor: rock, no burning, trees	Undiff. smooth grass.: rock, trees
798	0.2	N.S	Smooth grass/low scrub: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
801	0.3	0.1	Smooth grass/low scrub: no rock, trees	Smooth grass/rushes: no rock, trees
873	N.S	N.S	Undiff. montane veg.: rock	Undiff. heather moor: rock, no burning, no trees
890	0.1	N.S	Undiff. montane veg.: no rock	Undiff. heather moor: no rock, no burning, no trees
925	0.5	0.1	Undiff. Nardus/Molinia: no rock, trees	Undiff. heather moor: no rock, no burning, trees
940	0.1	N.S	Undiff. heather moor: rock, no burning, trees	Rock and cliffs (area)
966	N.S	N.S	Blanket bog/peat. veg.: no erosion, trees	Smooth grass/low scrub: no rock, trees
985	2.5	0.5	Undiff. montane veg.: rock	Rock and cliffs (area)
994	0.7	0.1	Dry heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: erosion, no trees
1028	3.0	0.6	Undiff. bracken: no rock, trees	Undiff. smooth grass.: no rock, trees
1077	N.S	N.S	Smooth grass/rushes: no rock, trees	Wetlands: no drains, trees
1088	N.S	N.S	Wet heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: rock, no trees
1090	0.3	0.1	Undiff. mixed woodland (area)	Smooth grass/low scrub: no rock, trees
1214	0.2	N.S	Undiff. broadleaved (area)	Smooth grass/low scrub: no rock, no trees
1219	0.1	N.S	Smooth grass/low scrub: rock, no trees	Smooth grass/rushes: rock, no trees
1280	0.8	0.2	Undiff. bracken: no rock, trees	Undiff. heather moor: no rock, no burning, trees
1290	0.2	N.S	Undiff. broadleaved (area)	Wetlands: no drains, no trees
1291	0.2	N.S	Undiff. mixed woodland (area)	Blanket bog/peat. veg.: no erosion, no trees
1292	N.S	N.S	Recently felled forestry	Smooth grass/rushes: no rock, trees
1293	0.1	N.S	Smooth grass/rushes: no rock, no trees	Rhododendron scrub
1349	0.2	N.S	Smooth grass/rushes: rock, no trees	Smooth grass/low scrub: rock, trees
1350	0.1	N.S	Undiff. low scrub	Imp. pasture: rock, no farms, trees
1351	0.2	N.S	Undiff. bracken: rock, no trees	Smooth grass/low scrub: no rock, no trees
1352	1.5	0.3	Wet heather moor: rock, no burning, no trees	Dry heather moor: rock, no burning, no trees
1353	0.1	N.S	Undiff. bracken: rock, trees	Smooth grass/low scrub: no rock, trees
1354	0.1	N.S	Wetlands: no drains, trees	Smooth grass/rushes: no rock, no trees
1355	N.S	N.S	Smooth grass/rushes: no rock, trees	Smooth grass/low scrub: no rock, no trees
1356	0.3	0.1	Undiff. bracken: no rock, no trees	Undiff. bracken: no rock, trees
1357	1.1	0.2	Undiff. heather moor: no rock, no burning, trees	Undiff. bracken: no rock, trees
1359	0.1	N.S	Undiff. Nardus/Molinia: rock, trees	Undiff. heather moor: rock, no burning, trees
1366	0.7	0.1	Smooth grass/rushes: no rock, trees	Undiff. bracken: no rock, trees
1368	2.6	0.5	Undiff. bracken: no rock, trees	Undiff. Nardus/Molinia: no rock, trees
1369	0.2	N.S	Undiff. bracken: rock, trees	Dry heather moor: rock, no burning, trees
1376	0.3	0.1	Smooth grass/rushes: no rock, trees	Imp. pasture: no rock, no farms, trees
1378	0.2	N.S	Smooth grass/rushes: no rock, trees	Imp. pasture: no rock, no farms, no trees
1379	0.2	N.S	Blanket bog/peat. veg.: erosion, no trees	Undiff. bracken: no rock, no trees
1383	1.2	0.2	Undiff. Nardus/Molinia: no rock, trees	Smooth grass/rushes: no rock, trees
TOTAL	523.1	100.0		

Cover types		single feature		features in mosaics	
		area	%	primary	secondary
Open countryside					
A	Arable	0	0	0	0
B	Improved grassland	150.1	52.8	0.1	4.2
C	Good rough grassland	2.4	0.9	0.6	0.2
D	Poor rough grassland	3.6	1.3	4.3	0.7
E	Bracken	0	0	0	0
F	Heather moorland	2.2	0.8	1.3	0
G	Peatland	34.7	12.2	0	1.2
H	Montane	0	0	0	0
I	Rock and cliffs	0	0	0	0
Woodland					
J	Felled woodland	0.5	0.2	0	0
K	Recent planting	39.8	14.0	0	0
L	Coniferous plantation	13.5	4.7	0	0.9
M	Semi-natural coniferous	0.1	N.S	0	0
N	Mixed woodland	1.5	0.5	0	0
O	Broadleaved	0.3	0.1	0	0
P	Scrub	0.4	0.1	0	0
Wet ground					
Q	Fresh waters	0.4	0.1	0	0
R	Marshes	0	0	0	0
S	Saltmarshes	0	0	0	0
T	Dunes	0	0	0	0
U	Tidal waters	0	0	0	0
Developed					
V	Rural development	5.8	2.0	0.9	0
W	Urban	22.0	7.7	0	0
Other					
X	Missing photography/obscured land	0	0	0	0
SUBTOTAL		277.3	97.5		
Y	Mosaics of types above	7.2	2.5	7.2	7.2
DISTRICT TOTAL		284.5	100.0		

Nationally significant mosaics			area	%
FG	Heather moorland	Peatland	1.2	0.4
DF	Poor rough grassland	Heather moorland	N.S	N.S
CF	Good rough grassland	Heather moorland	0	0
GH	Peatland	Montane	0	0
CD	Good rough grassland	Poor rough grassland	0.8	0.3
BC	Improved grassland	Good rough grassland	0.1	N.S
CE	Good rough grassland	Bracken	0	0
DG	Poor rough grassland	Peatland	0	0
FH	Heather moorland	Montane	0	0
SUBTOTAL			2.1	0.7
Locally significant mosaics			area	%
BD	Improved grassland	Poor rough grassland	4.2	1.5
LV	Coniferous plantation	Rural development	0.9	0.3
SUBTOTAL			5.1	1.8
MOSAICS OF SUMMARY COVER TYPES			7.2	2.5

Table 9.9.1

East Kilbride District

Land cover summary categories

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not match the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05. Please refer to Figure 6.2 for guidance in the interpretation of this table.

Table 9.9.2 Total audit of land cover features in East Kilbride District in which all mosaics are allocated according to primary or secondary feature.

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05 sq km. Please refer to Figure 6.3 for guidance in the interpretation of this table.

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
3	2.5	0	0	Factory
5	2.1	0.9	0	Golf course
6	0.1	0	0	Cemeteries
7	0.3	0	0	Recreational land
12	0.8	0	0	Quarries and opencast (area)
14	0.1	0	0	Bings and refuse tips (area)
18	0.4	0	0	Water (area)
20	22.0	0	0	Built-up (area)
70	13.5	0	0.5	Coniferous plantation (area)
72	0	0	0.4	Coniferous plantation (point)
73	0.1	0	0	Coniferous semi-natural (area)
76	0.3	0	0	Undiff. broadleaved (area)
79	1.5	0	0	Undiff. mixed woodland (area)
82	0.4	0	0	Undiff. low scrub
83	15.1	0	0	Recent ploughing for forestry
84	0.5	0	0	Recently felled forestry
85	24.7	0	0	Open canopy (young plantation)
90	148.8	0.1	4.2	Imp. pasture: no rock, no farms, no trees
91	0.9	0	0	Imp. pasture: no rock, no farms, trees
92	N.S	0	0	Imp. pasture: no rock, farms, no trees
93	0.5	0	0	Imp. pasture: no rock, farms, trees
120	0.1	N.S	0	Wet heather moor: no rock, no burning, no trees
130	0.7	1.2	0	Undiff. heather moor: no rock, no burning, no trees
132	1.5	0	0	Undiff. heather moor: no rock, burning, no trees
140	3.5	4.3	0.7	Undiff. Nardus/Molinia: no rock, no trees
141	0.1	0	0	Undiff. Nardus/Molinia: no rock, trees
150	0.8	0	0.2	Smooth grass/rushes: no rock, no trees
160	0.3	0.6	0	Undiff. smooth grass.: no rock, no trees
161	0.8	0	0	Undiff. smooth grass.: no rock, trees
162	0.5	0	0	Undiff. smooth grass.: rock, no trees
180	11.0	0	0	Blanket bog/peat. veg.: erosion, no trees
182	22.9	0	1.2	Blanket bog/peat. veg.: no erosion, no trees
185	0.5	0	0	Blanket bog/peat. veg.: industrial peat workings
186	0.3	0	0	Blanket bog/peat. veg.: other peat workings
TOTAL	277.3	7.2	7.2	

Table 9.9.3 Total audit of land cover features in East Kilbride District in which all mosaics are separately identified.

All areas are expressed in square kilometres to 1 decimal place; all percentages are expressed as % of the total area; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05

code	area	%	description	
3	2.5	0.9	Factory	
5	2.1	0.7	Golf course	
6	0.1	N.S	Cemeteries	
7	0.3	0.1	Recreational land	
12	0.8	0.3	Quarries and opencast (area)	
14	0.1	N.S	Bings and refuse tips (area)	
18	0.4	0.1	Water (area)	
20	22.0	7.7	Built-up (area)	
70	13.5	4.7	Coniferous plantation (area)	
73	0.1	N.S	Coniferous semi-natural (area)	
76	0.3	0.1	Undiff. broadleaved (area)	
79	1.5	0.5	Undiff. mixed woodland (area)	
82	0.4	0.1	Undiff. low scrub	
83	15.1	5.3	Recent ploughing for forestry	
84	0.5	0.2	Recently felled forestry	
85	24.7	8.7	Open canopy (young plantation)	
90	148.8	52.3	Imp. pasture: no rock, no farms, no trees	
91	0.9	0.3	Imp. pasture: no rock, no farms, trees	
92	N.S	N.S	Imp. pasture: no rock, farms, no trees	
93	0.5	0.2	Imp. pasture: no rock, farms, trees	
120	0.1	N.S	Wet heather moor: no rock, no burning, no trees	
130	0.7	0.2	Undiff. heather moor: no rock, no burning, no trees	
132	1.5	0.5	Undiff. heather moor: no rock, burning, no trees	
140	3.5	1.2	Undiff. Nardus/Molinia: no rock, no trees	
141	0.1	N.S	Undiff. Nardus/Molinia: no rock, trees	
150	0.8	0.3	Smooth grass/rushes: no rock, no trees	
160	0.3	0.1	Undiff. smooth grass.: no rock, no trees	
161	0.8	0.3	Undiff. smooth grass.: no rock, trees	
162	0.5	0.2	Undiff. smooth grass.: rock, no trees	
180	11.0	3.9	Blanket bog/peat. veg.: erosion, no trees	
182	22.9	8.1	Blanket bog/peat. veg.: no erosion, no trees	
185	0.5	0.2	Blanket bog/peat. veg.: industrial peat workings	
186	0.3	0.1	Blanket bog/peat. veg.: other peat workings	
code	area	%	primary feature	secondary feature
353	0.1	N.S	Imp. pasture: no rock, no farms, no trees	Smooth grass/rushes: no rock, no trees
374	1.2	0.4	Undiff. heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
416	0.1	N.S	Undiff. Nardus/Molinia: no rock, no trees	Smooth grass/rushes: no rock, no trees
421	0.6	0.2	Undiff. smooth grass.: no rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
521	N.S	N.S	Wet heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
609	0.4	0.2	Golf course	Coniferous plantation (point)
613	0.5	0.2	Golf course	Coniferous plantation (area)
668	4.2	1.5	Undiff. Nardus/Molinia: no rock, no trees	Imp. pasture: no rock, no farms, no trees
TOTAL	284.5	100.0		

Cover types		single feature		features in mosaics	
		area	%	primary	secondary
Open countryside					
A	Arable	0	0	0	0
B	Improved grassland	38.6	32.4	18.6	3.1
C	Good rough grassland	2.1	1.7	0	4.7
D	Poor rough grassland	5.2	4.4	3.1	13.9
E	Bracken	0	0	0	0
F	Heather moorland	0.1	0.1	0	3.3
G	Peatland	13.7	11.5	3.3	0
H	Montane	0	0	0	0
I	Rock and cliffs	0	0	0	0
Woodland					
J	Felled woodland	0	0	0	0
K	Recent planting	7.7	6.4	0	0
L	Coniferous plantation	1.6	1.3	0	0.5
M	Semi-natural coniferous	0	0	0	0
N	Mixed woodland	0.5	0.4	0	0
O	Broadleaved	0.1	0.1	0	1.0
P	Scrub	0	0	0	0
Wet ground					
Q	Fresh waters	3.2	2.7	0	0
R	Marshes	0	0	0	0
S	Saltmarshes	0	0	0	0
T	Dunes	0	0	0	0
U	Tidal waters	0	0	0	0
Developed					
V	Rural development	2.5	2.1	1.5	0
W	Urban	17.5	14.7	0	0
Other					
X	Missing photography/obscured land	0	0	0	0
SUBTOTAL		92.8	77.7		
Y	Mosaics of types above	26.6	22.3	26.6	26.6
DISTRICT TOTAL		119.4	100.0		

Nationally significant mosaics			area	%
FG	Heather moorland	Peatland	3.3	2.8
DF	Poor rough grassland	Heather moorland	0	0
CF	Good rough grassland	Heather moorland	0	0
GH	Peatland	Montane	0	0
CD	Good rough grassland	Poor rough grassland	0	0
BC	Improved grassland	Good rough grassland	4.7	3.9
CE	Good rough grassland	Bracken	0	0
DG	Poor rough grassland	Peatland	0	0
FH	Heather moorland	Montane	0	0
SUBTOTAL			8.0	6.7
Locally significant mosaics			area	%
BD	Improved grassland	Poor rough grassland	17.0	14.2
OV	Broadleaved	Rural development	1.0	0.9
LV	Coniferous plantation	Rural development	0.5	0.4
SUBTOTAL			18.5	15.5
MOSAICS OF SUMMARY COVER TYPES			26.6	22.3

Table 9.10.1

Eastwood District

Land cover summary categories

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not match the totals of the columns due to rounding error discrepancies; 0 = not present; NS = not significant = < 0.05. Please refer to Figure 6.2 for guidance in the interpretation of this table.

Table 9.10.2 Total audit of land cover features in Eastwood District in which all mosaics are allocated according to primary or secondary feature.

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S. = not significant = < 0.05 sq km. Please refer to Figure 6.3 for guidance in the interpretation of this table.

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
3	0.1	0	0	Factory
5	1.5	1.5	0	Golf course
6	N.S	0	0	Cemeteries
7	0.2	0	0	Recreational land
12	0.6	0	0	Quarries and opencast (area)
18	3.2	0	0	Water (area)
20	17.5	0	0	Built-up (area)
70	1.6	0	0	Coniferous plantation (area)
71	0	0	0.5	Coniferous plantation (line)
76	0.1	0	0	Undiff. broadleaved (area)
77	0	0	1.0	Undiff. broadleaved (line)
79	0.5	0	0	Undiff. mixed woodland (area)
83	7.6	0	0	Recent ploughing for forestry
85	0.1	0	0	Open canopy (young plantation)
90	35.1	18.6	3.1	Imp. pasture: no rock, no farms, no trees
91	0.2	0	0	Imp. pasture: no rock, no farms, trees
92	0.2	0	0	Imp. pasture: no rock, farms, no trees
93	0.5	0	0	Imp. pasture: no rock, farms, trees
94	2.6	0	0	Imp. pasture: rock, no farms, no trees
120	0.1	0	0	Wet heather moor: no rock, no burning, no trees
122	0	0	3.3	Wet heather moor: no rock, burning, no trees
140	5.1	3.1	13.9	Undiff. Nardus/Molinia: no rock, no trees
141	N.S	0	0	Undiff. Nardus/Molinia: no rock, trees
142	0.1	0	0	Undiff. Nardus/Molinia: rock, no trees
150	0.2	0	4.7	Smooth grass/rushes: no rock, no trees
156	0.2	0	0	Smooth grass/low scrub: no rock, trees
160	1.3	0	0	Undiff. smooth grass.: no rock, no trees
161	0.3	0	0	Undiff. smooth grass.: no rock, trees
163	0.1	0	0	Undiff. smooth grass.: rock, trees
180	0.3	0	0	Blanket bog/peat. veg.: erosion, no trees
182	13.4	3.3	0	Blanket bog/peat. veg.: no erosion, no trees
183	N.S	0	0	Blanket bog/peat. veg.: no erosion, trees
TOTAL	92.8	26.6	26.6	

Table 9.10.3 Total audit of land cover features in Eastwood District in which all mosaics are separately identified. All areas are expressed in square kilometres to 1 decimal place; all percentages are expressed as % of the total area; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05

code	area	%	description	
3	0.1	0.1	Factory	
5	1.5	1.3	Golf course	
6	N.S	N.S	Cemeteries	
7	0.2	0.2	Recreational land	
12	0.6	0.5	Quarries and opencast (area)	
18	3.2	2.7	Water (area)	
20	17.5	14.7	Built-up (area)	
70	1.6	1.3	Coniferous plantation (area)	
76	0.1	0.1	Undiff. broadleaved (area)	
79	0.5	0.4	Undiff. mixed woodland (area)	
83	7.6	6.3	Recent ploughing for forestry	
85	0.1	0.1	Open canopy (young plantation)	
90	35.1	29.4	Imp. pasture: no rock, no farms, no trees	
91	0.2	0.1	Imp. pasture: no rock, no farms, trees	
92	0.2	0.2	Imp. pasture: no rock, farms, no trees	
93	0.5	0.5	Imp. pasture: no rock, farms, trees	
94	2.6	2.2	Imp. pasture: rock, no farms, no trees	
120	0.1	0.1	Wet heather moor: no rock, no burning, no trees	
140	5.1	4.2	Undiff. Nardus/Molinia: no rock, no trees	
141	N.S	N.S	Undiff. Nardus/Molinia: no rock, trees	
142	0.1	0.1	Undiff. Nardus/Molinia: rock, no trees	
150	0.2	0.1	Smooth grass/rushes: no rock, no trees	
156	0.2	0.1	Smooth grass/low scrub: no rock, trees	
160	1.3	1.1	Undiff. smooth grass.: no rock, no trees	
161	0.3	0.3	Undiff. smooth grass.: no rock, trees	
163	0.1	0.1	Undiff. smooth grass.: rock, trees	
180	0.3	0.2	Blanket bog/peat. veg.: erosion, no trees	
182	13.4	11.3	Blanket bog/peat. veg.: no erosion, no trees	
183	N.S	N.S	Blanket bog/peat. veg.: no erosion, trees	
code	area	%	primary feature	secondary feature
328	13.9	11.7	Imp. pasture: no rock, no farms, no trees	Undiff. Nardus/Molinia: no rock, no trees
353	4.7	3.9	Imp. pasture: no rock, no farms, no trees	Smooth grass/rushes: no rock, no trees
668	3.1	2.6	Undiff. Nardus/Molinia: no rock, no trees	Imp. pasture: no rock, no farms, no trees
672	1.0	0.9	Golf course	Undiff. broadleaved (line)
1437	0.5	0.4	Golf course	Coniferous plantation (line)
1461	3.3	2.8	Blanket bog/peat. veg.: no erosion, no trees	Wet heather moor: no rock, burning, no trees
TOTAL	119.4	100.0		

Cover types		single feature		features in mosaics	
		area	%	primary	secondary
Open countryside					
A	Arable	2.0	1.0	0	0
B	Improved grassland	29.4	14.5	1.1	0
C	Good rough grassland	0.3	0.2	0	0
D	Poor rough grassland	0.5	0.3	0	1.1
E	Bracken	0	0	0	0
F	Heather moorland	0	0	0	0
G	Peatland	0.5	0.2	0	0
H	Montane	0	0	0	0
I	Rock and cliffs	0	0	0	0
Woodland					
J	Felled woodland	0.1	N.S	0	0
K	Recent planting	0.1	N.S	0	0
L	Coniferous plantation	0.3	0.1	0	N.S
M	Semi-natural coniferous	0	0	0	0
N	Mixed woodland	1.7	0.8	0	1.6
O	Broadleaved	0.8	0.4	0	0.5
P	Scrub	2.5	1.2	0	0
Wet ground					
Q	Fresh waters	1.3	0.6	0	0
R	Marshes	0	0	0	0
S	Saltmarshes	0	0	0	0
T	Dunes	0	0	0	0
U	Tidal waters	1.9	0.9	0	0
Developed					
V	Rural development	6.2	3.1	2.1	0
W	Urban	151.5	74.9	0	0
Other					
X	Missing photography/obscured land	0	0	0	0
SUBTOTAL		199.2	98.4		
Y	Mosaics of types above	3.2	1.6	3.2	3.2
DISTRICT TOTAL		202.4	100.0		

Nationally significant mosaics			area	%
FG	Heather moorland	Peatland	0	0
DF	Poor rough grassland	Heather moorland	0	0
CF	Good rough grassland	Heather moorland	0	0
GH	Peatland	Montane	0	0
CD	Good rough grassland	Poor rough grassland	0	0
BC	Improved grassland	Good rough grassland	0	0
CE	Good rough grassland	Bracken	0	0
DG	Poor rough grassland	Peatland	0	0
FH	Heather moorland	Montane	0	0
SUBTOTAL			0.0	0.0
Locally significant mosaics			area	%
NV	Mixed woodland	Rural development	1.6	0.8
BD	Improved grassland	Poor rough grassland	1.1	0.6
OV	Broadleaved	Rural development	0.5	0.2
SUBTOTAL			3.2	1.6
Remaining mosaics			N.S	N.S
MOSAICS OF SUMMARY COVER TYPES			3.2	1.6

Table 9.11.1

Glasgow District

Land cover summary categories

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not match the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05. Please refer to Figure 6.2 for guidance in the interpretation of this table.

Table 9.11.2 Total audit of land cover features in Glasgow District in which all mosaics are allocated according to primary or secondary feature.

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05 sq km. Please refer to Figure 6.3 for guidance in the interpretation of this table.

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
3	N.S	0	0	Factory
5	0.5	2.1	0	Golf course
6	0.8	0	0	Cemeteries
7	1.5	0	0	Recreational land
12	1.3	0	0	Quarries and opencast (area)
14	1.1	0	0	Bings and refuse tips (area)
18	1.3	0	0	Water (area)
20	151.5	0	0	Built-up (area)
21	0.8	0	0	Transport features, road
22	0.1	0	0	Transport features, rail
24	1.9	0	0	Estuary
70	0.3	0	N.S	Coniferous plantation (area)
76	0.8	0	0	Undiff. broadleaved (area)
78	0	0	0.5	Undiff. broadleaved (point)
79	1.7	0	0	Undiff. mixed woodland (area)
81	0	0	1.6	Undiff. mixed woodland (point)
82	2.5	0	0	Undiff. low scrub
84	0.1	0	0	Recently felled forestry
85	0.1	0	0	Open canopy (young plantation)
90	27.2	1.1	0	Imp. pasture: no rock, no farms, no trees
91	1.3	0	0	Imp. pasture: no rock, no farms, trees
93	0.9	0	0	Imp. pasture: no rock, farms, trees
100	2.0	0	0	Arable: no rock, no farms, no trees
140	0.5	0	1.1	Undiff. Nardus/Molinia: no rock, no trees
150	0.1	0	0	Smooth grass/rushes: no rock, no trees
161	0.1	0	0	Undiff. smooth grass.: no rock, trees
162	0.2	0	0	Undiff. smooth grass.: rock, no trees
181	0.1	0	0	Blanket bog/peat. veg.: erosion, trees
183	N.S	0	0	Blanket bog/peat. veg.: no erosion, trees
185	0.4	0	0	Blanket bog/peat. veg.: industrial peat workings
TOTAL	199.2	3.2	3.2	

Table 9.11.3 Total audit of land cover features in Glasgow District in which all mosaics are separately identified.

All areas are expressed in square kilometres to 1 decimal place; all percentages are expressed as % of the total area; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05

code	area	%	description	
3	N.S	N.S	Factory	
5	0.5	0.2	Golf course	
6	0.8	0.4	Cemeteries	
7	1.5	0.8	Recreational land	
12	1.3	0.6	Quarries and opencast (area)	
14	1.1	0.6	Bings and refuse tips (area)	
18	1.3	0.6	Water (area)	
20	151.5	74.9	Built-up (area)	
21	0.8	0.4	Transport features, road	
22	0.1	0.1	Transport features, rail	
24	1.9	0.9	Estuary	
70	0.3	0.1	Coniferous plantation (area)	
76	0.8	0.4	Undiff. broadleaved (area)	
79	1.7	0.8	Undiff. mixed woodland (area)	
82	2.5	1.2	Undiff. low scrub	
84	0.1	N.S	Recently felled forestry	
85	0.1	N.S	Open canopy (young plantation)	
90	27.2	13.4	Imp. pasture: no rock, no farms, no trees	
91	1.3	0.6	Imp. pasture: no rock, no farms, trees	
93	0.9	0.5	Imp. pasture: no rock, farms, trees	
100	2.0	1.0	Arable: no rock, no farms, no trees	
140	0.5	0.3	Undiff. Nardus/Molinia: no rock, no trees	
150	0.1	N.S	Smooth grass/rushes: no rock, no trees	
161	0.1	0.1	Undiff. smooth grass.: no rock, trees	
162	0.2	0.1	Undiff. smooth grass.: rock, no trees	
181	0.1	N.S	Blanket bog/peat. veg.: erosion, trees	
183	N.S	N.S	Blanket bog/peat. veg.: no erosion, trees	
185	0.4	0.2	Blanket bog/peat. veg.: industrial peat workings	
code	area	%	primary feature	secondary feature
328	1.1	0.6	Imp. pasture: no rock, no farms, no trees	Undiff. Nardus/Molinia: no rock, no trees
610	1.6	0.8	Golf course	Undiff. mixed woodland (point)
613	N.S	N.S	Golf course	Coniferous plantation (area)
679	0.5	0.2	Golf course	Undiff. broadleaved (point)
TOTAL	202.4	100.0		

Cover types		single feature		features in mosaics	
		area	%	primary	secondary
Open countryside					
A	Arable	2.1	1.6	0	0
B	Improved grassland	78.9	59.5	0	0
C	Good rough grassland	3.1	2.4	0	0
D	Poor rough grassland	0.8	0.6	0	0
E	Bracken	0	0	0	0
F	Heather moorland	0.2	0.2	0	0
G	Peatland	0.9	0.7	0	0
H	Montane	0	0	0	0
I	Rock and cliffs	0	0	0	0
Woodland					
J	Felled woodland	0.6	0.5	0	0
K	Recent planting	0.5	0.4	0	0
L	Coniferous plantation	2.1	1.6	0	0.4
M	Semi-natural coniferous	0	0	0	0
N	Mixed woodland	5.5	4.2	0	0
O	Broadleaved	1.4	1.0	0	0
P	Scrub	1.2	0.9	0	0
Wet ground					
Q	Fresh waters	0.8	0.6	0	0
R	Marshes	0.3	0.2	0	0
S	Saltmarshes	0	0	0	0
T	Dunes	0	0	0	0
U	Tidal waters	0	0	0	0
Developed					
V	Rural development	5.4	4.1	0.4	0
W	Urban	28.5	21.5	0	0
Other					
X	Missing photography/obscured land	0	0	0	0
SUBTOTAL		132.2	99.7		
Y	Mosaics of types above	0.4	0.3	0.4	0.4
DISTRICT TOTAL		132.6	100.0		

Nationally significant mosaics			area	%
FG	Heather moorland	Peatland	0	0
DF	Poor rough grassland	Heather moorland	0	0
CF	Good rough grassland	Heather moorland	0	0
GH	Peatland	Montane	0	0
CD	Good rough grassland	Poor rough grassland	0	0
BC	Improved grassland	Good rough grassland	0	0
CE	Good rough grassland	Bracken	0	0
DG	Poor rough grassland	Peatland	0	0
FH	Heather moorland	Montane	0	0
SUBTOTAL			0.0	0.0
Locally significant mosaic			area	%
LV	Coniferous plantation	Rural development	0.4	0.3
SUBTOTAL			0.4	0.3
MOSAICS OF SUMMARY COVER TYPES			0.4	0.3

Table 9.12.1

Hamilton District

Land cover summary categories

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not match the totals of the columns due to rounding error discrepancies; 0 = not present; N.S. = not significant = < 0.05. Please refer to Figure 6.2 for guidance in the interpretation of this table.

Table 9.12.2 Total audit of land cover features in Hamilton District in which all mosaics are allocated according to primary or secondary feature.

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05 sq km. Please refer to Figure 6.3 for guidance in the interpretation of this table.

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
3	0.1	0	0	Factory
5	1.1	0.4	0	Golf course
7	0.8	0	0	Recreational land
12	0.7	0	0	Quarries and opencast (area)
14	1.1	0	0	Bings and refuse tips (area)
18	0.8	0	0	Water (area)
20	28.5	0	0	Built-up (area)
21	1.6	0	0	Transport features, road
22	N.S	0	0	Transport features, rail
70	2.1	0	0.4	Coniferous plantation (area)
76	1.4	0	0	Undiff. broadleaved (area)
79	5.5	0	0	Undiff. mixed woodland (area)
82	1.2	0	0	Undiff. low scrub
83	N.S	0	0	Recent ploughing for forestry
84	0.6	0	0	Recently felled forestry
85	0.5	0	0	Open canopy (young plantation)
90	74.7	0	0	Imp. pasture: no rock, no farms, no trees
91	2.4	0	0	Imp. pasture: no rock, no farms, trees
92	1.7	0	0	Imp. pasture: no rock, farms, no trees
93	N.S	0	0	Imp. pasture: no rock, farms, trees
100	1.0	0	0	Arable: no rock, no farms, no trees
102	1.1	0	0	Arable: no rock, farms, no trees
121	0.2	0	0	Wet heather moor: no rock, no burning, trees
140	0.8	0	0	Undiff. Nardus/Molinia: no rock, no trees
150	1.1	0	0	Smooth grass/rushes: no rock, no trees
155	0.1	0	0	Smooth grass/low scrub: no rock, no trees
156	0.1	0	0	Smooth grass/low scrub: no rock, trees
160	0.3	0	0	Undiff. smooth grass.: no rock, no trees
161	1.6	0	0	Undiff. smooth grass.: no rock, trees
182	0.6	0	0	Blanket bog/peat. veg.: no erosion, no trees
183	0.1	0	0	Blanket bog/peat. veg.: no erosion, trees
185	0.1	0	0	Blanket bog/peat. veg.: industrial peat workings
200	0.3	0	0	Wetlands: no drains, no trees
TOTAL	132.2	0.4	0.4	

Table 9.12.3 Total audit of land cover features in Hamilton District in which all mosaics are separately identified.

All areas are expressed in square kilometres to 1 decimal place; all percentages are expressed as % of the total area; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S. = not significant = < 0.05

code	area	%	description	
3	0.1	0.1	Factory	
5	1.1	0.8	Golf course	
7	0.8	0.6	Recreational land	
12	0.7	0.5	Quarries and opencast (area)	
14	1.1	0.8	Bings and refuse tips (area)	
18	0.8	0.6	Water (area)	
20	28.5	21.5	Built-up (area)	
21	1.6	1.2	Transport features, road	
22	N.S.	N.S.	Transport features, rail	
70	2.1	1.6	Coniferous plantation (area)	
76	1.4	1.0	Undiff. broadleaved (area)	
79	5.5	4.2	Undiff. mixed woodland (area)	
82	1.2	0.9	Undiff. low scrub	
83	N.S.	N.S.	Recent ploughing for forestry	
84	0.6	0.5	Recently felled forestry	
85	0.5	0.4	Open canopy (young plantation)	
90	74.7	56.3	Imp. pasture: no rock, no farms, no trees	
91	2.4	1.8	Imp. pasture: no rock, no farms, trees	
92	1.7	1.3	Imp. pasture: no rock, farms, no trees	
93	N.S.	N.S.	Imp. pasture: no rock, farms, trees	
100	1.0	0.7	Arable: no rock, no farms, no trees	
102	1.1	0.8	Arable: no rock, farms, no trees	
121	0.2	0.2	Wet heather moor: no rock, no burning, trees	
140	0.8	0.6	Undiff. Nardus/Molinia: no rock, no trees	
150	1.1	0.8	Smooth grass/rushes: no rock, no trees	
155	0.1	N.S.	Smooth grass/low scrub: no rock, no trees	
156	0.1	0.1	Smooth grass/low scrub: no rock, trees	
160	0.3	0.2	Undiff. smooth grass.: no rock, no trees	
161	1.6	1.2	Undiff. smooth grass.: no rock, trees	
182	0.6	0.5	Blanket bog/peat. veg.: no erosion, no trees	
183	0.1	0.1	Blanket bog/peat. veg.: no erosion, trees	
185	0.1	0.1	Blanket bog/peat. veg.: industrial peat workings	
200	0.3	0.2	Wetlands: no drains, no trees	
code	area	%	primary feature	secondary feature
613	0.4	0.3	Golf course	Coniferous plantation (area)
TOTAL	132.6	100.0		

Cover types		single feature		features in mosaics	
		area	%	primary	secondary
Open countryside					
A	Arable	1.6	1.0	0	0
B	Improved grassland	39.1	24.0	7.6	0.3
C	Good rough grassland	5.1	3.1	9.9	8.7
D	Poor rough grassland	5.1	3.1	7.2	21.2
E	Bracken	0	0	0	0.8
F	Heather moorland	7.0	4.3	9.7	1.2
G	Peatland	25.9	15.8	0	2.2
H	Montane	0	0	0	0
I	Rock and cliffs	0	0	0	0
Woodland					
J	Felled woodland	0.2	0.1	0	0
K	Recent planting	2.4	1.5	0	0
L	Coniferous plantation	7.6	4.7	0	0
M	Semi-natural coniferous	0	0	0	0
N	Mixed woodland	3.8	2.3	0	0
O	Broadleaved	1.2	0.7	0	0
P	Scrub	0.4	0.3	0	N.S
Wet ground					
Q	Fresh waters	3.7	2.3	0	0
R	Marshes	N.S	N.S	0	0
S	Saltmarshes	0	0	0	0
T	Dunes	0	0	0	0
U	Tidal waters	0	0	0	0
Developed					
V	Rural development	2.1	1.3	N.S	0
W	Urban	23.7	14.5	0	0
Other					
X	Missing photography/obscured land	0	0	0	0
SUBTOTAL		128.9	78.9		
Y	Mosaics of types above	34.4	21.1	34.4	34.4
DISTRICT TOTAL		163.4	100.0		

Nationally significant mosaics			area	%
FG	Heather moorland	Peatland	0	0
DF	Poor rough grassland	Heather moorland	10.9	6.6
CF	Good rough grassland	Heather moorland	0.1	N.S
GH	Peatland	Montane	0	0
CD	Good rough grassland	Poor rough grassland	10.2	6.3
BC	Improved grassland	Good rough grassland	2.9	1.8
CE	Good rough grassland	Bracken	0.8	0.5
DG	Poor rough grassland	Peatland	2.2	1.4
FH	Heather moorland	Montane	0	0
SUBTOTAL			27.0	16.5
Locally significant mosaic			area	%
BD	Improved grassland	Poor rough grassland	5.1	3.1
SUBTOTAL			5.1	3.1
Remaining mosaics			2.4	1.4
MOSAICS OF SUMMARY COVER TYPES			34.4	21.1

Table 9.13.1

Inverclyde District

Land cover summary categories

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not match the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05. Please refer to Figure 6.2 for guidance in the interpretation of this table.

Table 9.13.2 Total audit of land cover features in Inverclyde District in which all mosaics are allocated according to primary or secondary feature.

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05 sq km. Please refer to Figure 6.3 for guidance in the interpretation of this table.

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
3	0.7	0	0	Factory
5	1.1	N.S	0	Golf course
6	N.S	0	0	Cemeteries
7	0.3	0	0	Recreational land
12	0.1	0	0	Quarries and opencast (area)
18	3.7	0	0	Water (area)
20	23.7	0	0	Built-up (area)
21	N.S	0	0	Transport features, road
70	7.6	0	0	Coniferous plantation (area)
76	1.2	0	0	Undiff. broadleaved (area)
79	3.8	0	0	Undiff. mixed woodland (area)
82	0.4	0	N.S	Undiff. low scrub
83	2.0	0	0	Recent ploughing for forestry
84	0.2	0	0	Recently felled forestry
85	0.3	0	0	Open canopy (young plantation)
90	37.1	6.8	0.3	Imp. pasture: no rock, no farms, no trees
91	1.8	0	0	Imp. pasture: no rock, no farms, trees
92	N.S	0	0	Imp. pasture: no rock, farms, no trees
93	0.1	0	0	Imp. pasture: no rock, farms, trees
94	0	0.8	0	Imp. pasture: rock, no farms, no trees
100	1.6	0	0	Arable: no rock, no farms, no trees
111	0.1	0	0	Dry heather moor: no rock, no burning, trees
120	2.3	0.2	0	Wet heather moor: no rock, no burning, no trees
130	4.0	9.5	1.2	Undiff. heather moor: no rock, no burning, no trees
131	0.1	0	0	Undiff. heather moor: no rock, no burning, trees
132	0.6	0	0	Undiff. heather moor: no rock, burning, no trees
140	4.9	7.2	21.2	Undiff. Nardus/Molinia: no rock, no trees
141	0.1	0	0	Undiff. Nardus/Molinia: no rock, trees
150	0.3	0	4.4	Smooth grass/rushes: no rock, no trees
151	N.S	0	0	Smooth grass/rushes: no rock, trees
155	0.2	0	0	Smooth grass/low scrub: no rock, no trees
156	1.0	0.4	0	Smooth grass/low scrub: no rock, trees
157	0	0	0.8	Smooth grass/low scrub: rock, no trees
160	2.1	7.7	3.4	Undiff. smooth grass.: no rock, no trees
161	1.0	1.3	0	Undiff. smooth grass.: no rock, trees
162	0.5	0.6	0.2	Undiff. smooth grass.: rock, no trees
170	0	0	0.8	Undiff. bracken: no rock, no trees
180	5.7	0	0	Blanket bog/peat. veg.: erosion, no trees
182	20.1	0	2.2	Blanket bog/peat. veg.: no erosion, no trees
200	N.S	0	0	Wetlands: no drains, no trees
202	N.S	0	0	Wetlands: no drains, trees
TOTAL	128.9	34.4	34.4	

Table 9.13.3 Total audit of land cover features in Inverclyde District in which all mosaics are separately identified. All areas are expressed in square kilometres to 1 decimal place; all percentages are expressed as % of the total area; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05

code	area	%	description	
3	0.7	0.4	Factory	
5	1.1	0.7	Golf course	
6	N.S	N.S	Cemeteries	
7	0.3	0.2	Recreational land	
12	0.1	N.S	Quarries and opencast (area)	
18	3.7	2.3	Water (area)	
20	23.7	14.5	Built-up (area)	
21	N.S	N.S	Transport features, road	
70	7.6	4.7	Coniferous plantation (area)	
76	1.2	0.7	Undiff. broadleaved (area)	
79	3.8	2.3	Undiff. mixed woodland (area)	
82	0.4	0.3	Undiff. low scrub	
83	2.0	1.2	Recent ploughing for forestry	
84	0.2	0.1	Recently felled forestry	
85	0.3	0.2	Open canopy (young plantation)	
90	37.1	22.7	Imp. pasture: no rock, no farms, no trees	
91	1.8	1.1	Imp. pasture: no rock, no farms, trees	
92	N.S	N.S	Imp. pasture: no rock, farms, no trees	
93	0.1	0.1	Imp. pasture: no rock, farms, trees	
100	1.6	1.0	Arable: no rock, no farms, no trees	
111	0.1	0.1	Dry heather moor: no rock, no burning, trees	
120	2.3	1.4	Wet heather moor: no rock, no burning, no trees	
130	4.0	2.4	Undiff. heather moor: no rock, no burning, no trees	
131	0.1	0.1	Undiff. heather moor: no rock, no burning, trees	
132	0.6	0.4	Undiff. heather moor: no rock, burning, no trees	
140	4.9	3.0	Undiff. Nardus/Molinia: no rock, no trees	
141	0.1	0.1	Undiff. Nardus/Molinia: no rock, trees	
150	0.3	0.2	Smooth grass/rushes: no rock, no trees	
151	N.S	N.S	Smooth grass/rushes: no rock, trees	
155	0.2	0.1	Smooth grass/low scrub: no rock, no trees	
156	1.0	0.6	Smooth grass/low scrub: no rock, trees	
160	2.1	1.3	Undiff. smooth grass.: no rock, no trees	
161	1.0	0.6	Undiff. smooth grass.: no rock, trees	
162	0.5	0.3	Undiff. smooth grass.: rock, no trees	
180	5.7	3.5	Blanket bog/peat. veg.: erosion, no trees	
182	20.1	12.3	Blanket bog/peat. veg.: no erosion, no trees	
200	N.S	N.S	Wetlands: no drains, no trees	
202	N.S	N.S	Wetlands: no drains, trees	
code	area	%	primary feature	secondary feature
328	4.7	2.9	Imp. pasture: no rock, no farms, no trees	Undiff. Nardus/Molinia: no rock, no trees
353	1.2	0.8	Imp. pasture: no rock, no farms, no trees	Smooth grass/rushes: no rock, no trees
356	1.6	1.0	Undiff. smooth grass.: no rock, no trees	Smooth grass/rushes: no rock, no trees
385	0.1	N.S	Undiff. heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
390	0.5	0.3	Imp. pasture: no rock, no farms, no trees	Undiff. smooth grass.: no rock, no trees
414	2.2	1.4	Undiff. Nardus/Molinia: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
421	6.1	3.7	Undiff. smooth grass.: no rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
425	0.8	0.5	Undiff. smooth grass.: no rock, trees	Undiff. bracken: no rock, no trees

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Table 9.13.3 Total audit of land cover features in Inverclyde District in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
442	9.5	5.8	Undiff. heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
444	2.8	1.7	Undiff. Nardus/Molinia: no rock, no trees	Undiff. smooth grass.: no rock, no trees
450	N.S	N.S	Undiff. smooth grass.: rock, no trees	Smooth grass/rushes: no rock, no trees
452	0.8	0.5	Imp. pasture: rock, no farms, no trees	Smooth grass/rushes: no rock, no trees
453	0.2	0.1	Imp. pasture: no rock, no farms, no trees	Undiff. smooth grass.: rock, no trees
521	0.2	0.1	Wet heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
530	0.5	0.3	Undiff. smooth grass.: rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
564	1.2	0.7	Undiff. Nardus/Molinia: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
590	0.4	0.3	Smooth grass/low scrub: no rock, trees	Smooth grass/rushes: no rock, no trees
651	0.3	0.2	Undiff. smooth grass.: no rock, trees	Smooth grass/rushes: no rock, no trees
660	0.2	0.1	Imp. pasture: no rock, no farms, no trees	Smooth grass/low scrub: rock, no trees
668	0.3	0.2	Undiff. Nardus/Molinia: no rock, no trees	Imp. pasture: no rock, no farms, no trees
677	0.2	0.1	Undiff. smooth grass.: no rock, trees	Undiff. Nardus/Molinia: no rock, no trees
1081	N.S	N.S	Golf course	Undiff. low scrub
1336	0.6	0.4	Undiff. Nardus/Molinia: no rock, no trees	Smooth grass/low scrub: rock, no trees
TOTAL	163.4	100.0		

Cover types		single feature		features in mosaics	
		area	%	primary	secondary
Open countryside					
A	Arable	0.4	0.1	0	0
B	Improved grassland	236.3	62.7	10.9	0.3
C	Good rough grassland	12.7	3.4	2.4	13.5
D	Poor rough grassland	1.5	0.4	2.8	3.0
E	Bracken	0	0	0	0
F	Heather moorland	1.7	0.5	2.3	0.5
G	Peatland	20.8	5.5	1.1	0.6
H	Montane	0	0	0	0
I	Rock and cliffs	0.1	N.S	0	0.2
Woodland					
J	Felled woodland	1.0	0.3	0	0
K	Recent planting	12.8	3.4	0	0
L	Coniferous plantation	35.6	9.5	0	0
M	Semi-natural coniferous	0	0	0	0
N	Mixed woodland	5.2	1.4	0	0.3
O	Broadleaved	3.0	0.8	0	0.4
P	Scrub	0.4	0.1	0	N.S
Wet ground					
Q	Fresh waters	0.6	0.2	0	0
R	Marshes	0.6	0.2	0	1.2
S	Saltmarshes	0	0	0	0
T	Dunes	0	0	0	0
U	Tidal waters	0	0	0	0
Developed					
V	Rural development	3.5	0.9	0.4	0
W	Urban	20.4	5.4	0	0
Other					
X	Missing photography/obscured land	0	0	0	0
SUBTOTAL		356.6	94.7		
Y	Mosaics of types above	20.0	5.3	20.0	20.0
DISTRICT TOTAL		376.5	100.0		

Nationally significant mosaics			area	%
FG	Heather moorland	Peatland	0.3	0.1
DF	Poor rough grassland	Heather moorland	2.5	0.7
CF	Good rough grassland	Heather moorland	0	0
GH	Peatland	Montane	0	0
CD	Good rough grassland	Poor rough grassland	2.0	0.5
BC	Improved grassland	Good rough grassland	10.9	2.9
CE	Good rough grassland	Bracken	0	0
DG	Poor rough grassland	Peatland	1.0	0.3
FH	Heather moorland	Montane	0	0
SUBTOTAL			16.7	4.4
Locally significant mosaics			area	%
CR	Good rough grassland	Marshes	1.2	0.3
OV	Broadleaved	Rural development	0.4	0.1
BD	Improved grassland	Poor rough grassland	0.4	0.1
GN	Peatland	Mixed woodland	0.3	0.1
CI	Good rough grassland	Rock and cliffs	0.2	N.S
SUBTOTAL			2.4	0.6
Remaining mosaics			0.9	0.2
MOSAICS OF SUMMARY COVER TYPES			20.0	5.3

Table 9.14.1

Kilmarnock & Loudon District

Land cover summary categories

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not match the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05. Please refer to Figure 6.2 for guidance in the interpretation of this table.

Table 9.14.2 Total audit of land cover features in Kilmarnock & Loudon District in which all mosaics are allocated according to primary or secondary feature.

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S. = not significant = < 0.05 sq km. Please refer to Figure 6.3 for guidance in the interpretation of this table.

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
3	1.0	0	0	Factory
5	1.1	0.4	0	Golf course
6	0.1	0	0	Cemeteries
7	N.S	0	0	Recreational land
10	0.1	0	0.2	Rock and cliffs (area)
12	0.8	0	0	Quarries and opencast (area)
18	0.6	0	0	Water (area)
20	20.4	0	0	Built-up (area)
21	0.4	0	0	Transport features, road
22	N.S	0	0	Transport features, rail
70	35.6	0	0	Coniferous plantation (area)
76	3.0	0	0	Undiff. broadleaved (area)
78	0	0	0.4	Undiff. broadleaved (point)
79	5.2	0	0.3	Undiff. mixed woodland (area)
82	0.4	0	N.S	Undiff. low scrub
83	2.1	0	0	Recent ploughing for forestry
84	1.0	0	0	Recently felled forestry
85	10.8	0	0	Open canopy (young plantation)
90	231.7	10.9	0.3	Imp. pasture: no rock, no farms, no trees
91	1.1	0	0	Imp. pasture: no rock, no farms, trees
93	0.6	0	0	Imp. pasture: no rock, farms, trees
94	2.9	0	0	Imp. pasture: rock, no farms, no trees
100	0.4	0	0	Arable: no rock, no farms, no trees
120	N.S	0	0.4	Wet heather moor: no rock, no burning, no trees
122	0	0	N.S	Wet heather moor: no rock, burning, no trees
130	0.9	2.3	0	Undiff. heather moor: no rock, no burning, no trees
132	0.8	0	0	Undiff. heather moor: no rock, burning, no trees
140	1.5	2.8	3.0	Undiff. Nardus/Molinia: no rock, no trees
141	N.S	0	0	Undiff. Nardus/Molinia: no rock, trees
142	N.S	0	0	Undiff. Nardus/Molinia: rock, no trees
150	1.9	1.1	13.5	Smooth grass/rushes: no rock, no trees
155	0.4	0	0	Smooth grass/low scrub: no rock, no trees
156	1.6	0	0	Smooth grass/low scrub: no rock, trees
157	N.S	0	0	Smooth grass/low scrub: rock, no trees
158	0.1	0	0	Smooth grass/low scrub: rock, trees
160	5.3	1.2	0	Undiff. smooth grass.: no rock, no trees
161	3.2	0.1	0	Undiff. smooth grass.: no rock, trees
162	0.2	0	0	Undiff. smooth grass.: rock, no trees
180	6.5	0	0	Blanket bog/peat. veg.: erosion, no trees
182	14.2	0.8	0.6	Blanket bog/peat. veg.: no erosion, no trees
183	0.1	0.3	0	Blanket bog/peat. veg.: no erosion, trees
185	N.S	0	0	Blanket bog/peat. veg.: industrial peat workings
186	N.S	0	0	Blanket bog/peat. veg.: other peat workings
191	N.S	0	0	Maritime grassland: no trees
200	0.2	0	0.5	Wetlands: no drains, no trees
201	0.4	0	0.6	Wetlands: drains, no trees
TOTAL	356.6	20.0	20.0	

Table 9.14.3 Total audit of land cover features in Kilmarnock & Loudon District in which all mosaics are separately identified.

All areas are expressed in square kilometres to 1 decimal place; all percentages are expressed as % of the total area; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05

code	area	%	description	
3	1.0	0.3	Factory	
5	1.1	0.3	Golf course	
6	0.1	N.S	Cemeteries	
7	N.S	N.S	Recreational land	
10	0.1	N.S	Rock and cliffs (area)	
12	0.8	0.2	Quarries and opencast (area)	
18	0.6	0.2	Water (area)	
20	20.4	5.4	Built-up (area)	
21	0.4	0.1	Transport features, road	
22	N.S	N.S	Transport features, rail	
70	35.6	9.5	Coniferous plantation (area)	
76	3.0	0.8	Undiff. broadleaved (area)	
79	5.2	1.4	Undiff. mixed woodland (area)	
82	0.4	0.1	Undiff. low scrub	
83	2.1	0.5	Recent ploughing for forestry	
84	1.0	0.3	Recently felled forestry	
85	10.8	2.9	Open canopy (young plantation)	
90	231.7	61.5	Imp. pasture: no rock, no farms, no trees	
91	1.1	0.3	Imp. pasture: no rock, no farms, trees	
93	0.6	0.2	Imp. pasture: no rock, farms, trees	
94	2.9	0.8	Imp. pasture: rock, no farms, no trees	
100	0.4	0.1	Arable: no rock, no farms, no trees	
120	N.S	N.S	Wet heather moor: no rock, no burning, no trees	
130	0.9	0.2	Undiff. heather moor: no rock, no burning, no trees	
132	0.8	0.2	Undiff. heather moor: no rock, burning, no trees	
140	1.5	0.4	Undiff. Nardus/Molinia: no rock, no trees	
141	N.S	N.S	Undiff. Nardus/Molinia: no rock, trees	
142	N.S	N.S	Undiff. Nardus/Molinia: rock, no trees	
150	1.9	0.5	Smooth grass/rushes: no rock, no trees	
155	0.4	0.1	Smooth grass/low scrub: no rock, no trees	
156	1.6	0.4	Smooth grass/low scrub: no rock, trees	
157	N.S	N.S	Smooth grass/low scrub: rock, no trees	
158	0.1	N.S	Smooth grass/low scrub: rock, trees	
160	5.3	1.4	Undiff. smooth grass.: no rock, no trees	
161	3.2	0.9	Undiff. smooth grass.: no rock, trees	
162	0.2	N.S	Undiff. smooth grass.: rock, no trees	
180	6.5	1.7	Blanket bog/peat. veg.: erosion, no trees	
182	14.2	3.8	Blanket bog/peat. veg.: no erosion, no trees	
183	0.1	N.S	Blanket bog/peat. veg.: no erosion, trees	
185	N.S	N.S	Blanket bog/peat. veg.: industrial peat workings	
186	N.S	N.S	Blanket bog/peat. veg.: other peat workings	
191	N.S	N.S	Maritime grassland: no trees	
200	0.2	0.1	Wetlands: no drains, no trees	
201	0.4	0.1	Wetlands: drains, no trees	
code	area	%	primary feature	secondary feature
328	0.3	0.1	Imp. pasture: no rock, no farms, no trees	Undiff. Nardus/Molinia: no rock, no trees

continued on next page

Table 9.14.3 Total audit of land cover features in Kilmarnock & Loudon District in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
353	10.6	2.8	Imp. pasture: no rock, no farms, no trees	Smooth grass/rushes: no rock, no trees
355	0.1	N.S	Blanket bog/peat. veg.: no erosion, no trees	Smooth grass/rushes: no rock, no trees
356	0.6	0.2	Undiff. smooth grass.: no rock, no trees	Smooth grass/rushes: no rock, no trees
374	0.3	0.1	Undiff. heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
410	0.3	0.1	Undiff. smooth grass.: no rock, no trees	Imp. pasture: no rock, no farms, no trees
414	0.3	0.1	Undiff. Nardus/Molinia: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
416	2.0	0.5	Undiff. Nardus/Molinia: no rock, no trees	Smooth grass/rushes: no rock, no trees
442	2.0	0.5	Undiff. heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
449	0.6	0.2	Blanket bog/peat. veg.: no erosion, no trees	Undiff. Nardus/Molinia: no rock, no trees
485	0.4	0.1	Undiff. Nardus/Molinia: no rock, no trees	Wet heather moor: no rock, no burning, no trees
651	0.1	N.S	Undiff. smooth grass.: no rock, trees	Smooth grass/rushes: no rock, no trees
668	N.S	N.S	Undiff. Nardus/Molinia: no rock, no trees	Imp. pasture: no rock, no farms, no trees
679	0.4	0.1	Golf course	Undiff. broadleaved (point)
697	0.5	0.1	Smooth grass/rushes: no rock, no trees	Wetlands: no drains, no trees
819	0.6	0.2	Smooth grass/rushes: no rock, no trees	Wetlands: drains, no trees
856	N.S	N.S	Undiff. Nardus/Molinia: no rock, no trees	Undiff. low scrub
969	0.1	N.S	Undiff. smooth grass.: no rock, no trees	Wetlands: no drains, no trees
1278	0.2	N.S	Undiff. smooth grass.: no rock, no trees	Rock and cliffs (area)
1451	0.3	0.1	Blanket bog/peat. veg.: no erosion, trees	Undiff. mixed woodland (area)
1461	N.S	N.S	Blanket bog/peat. veg.: no erosion, no trees	Wet heather moor: no rock, burning, no trees
TOTAL	376.5	100.0		

Cover types		single feature		features in mosaics	
		area	%	primary	secondary
Open countryside					
A	Arable	25.5	1.9	0	0
B	Improved grassland	456.3	34.8	16.7	1.7
C	Good rough grassland	92.1	7.0	61.3	81.0
D	Poor rough grassland	58.3	4.4	55.3	86.9
E	Bracken	12.1	0.9	4.0	5.4
F	Heather moorland	5.5	0.4	48.2	18.8
G	Peatland	41.2	3.1	20.9	11.8
H	Montane	3.0	0.2	0	0
I	Rock and cliffs	0.5	N.S	0	0
Woodland					
J	Felled woodland	10.2	0.8	0	0
K	Recent planting	128.1	9.8	0	0
L	Coniferous plantation	160.9	12.3	0.2	0
M	Semi-natural coniferous	0	0	0	0
N	Mixed woodland	18.2	1.4	0	0
O	Broadleaved	16.7	1.3	N.S	0
P	Scrub	1.7	0.1	0	1.1
Wet ground					
Q	Fresh waters	16.5	1.3	0	0
R	Marshes	3.3	0.3	0	0
S	Saltmarshes	0.1	N.S	0	0
T	Dunes	1.7	0.1	0.3	0.2
U	Tidal waters	0.2	N.S	0	0
Developed					
V	Rural development	16.0	1.2	0	0
W	Urban	35.1	2.7	0	0
Other					
X	Missing photography/obscured land	0	0	0	0
SUBTOTAL		1103.3	84.2		
Y	Mosaics of types above	206.9	15.8	206.9	206.9
DISTRICT TOTAL		1310.2	100.0		

Nationally significant mosaics				area	%
FG	Heather moorland	Peatland		8.1	0.6
DF	Poor rough grassland	Heather moorland		53.3	4.1
CF	Good rough grassland	Heather moorland		3.6	0.3
GH		Peatland	Montane	0	0
CD	Good rough grassland	Poor rough grassland		59.8	4.6
BC	Improved grassland	Good rough grassland		14.4	1.1
CE	Good rough grassland	Bracken		4.5	0.3
DG	Poor rough grassland	Peatland		23.3	1.8
FH	Heather moorland	Montane		0	0
SUBTOTAL				166.9	12.7
Locally significant mosaics				area	%
BD	Improved grassland	Poor rough grassland		3.6	0.3
DE	Poor rough grassland	Bracken		2.3	0.2
EF		Bracken	Heather moorland	1.8	0.1
CG	Good rough grassland	Peatland		1.3	0.1
EP		Bracken	Scrub	0.7	0.1
SUBTOTAL				9.8	0.7
Remaining mosaics				30.2	2.3
MOSAICS OF SUMMARY COVER TYPES				206.9	15.8

Table 9.15.1

Kyle & Carrick District

Land cover summary categories

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not match the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05. Please refer to Figure 6.2 for guidance in the interpretation of this table.

Table 9.15.2 Total audit of land cover features in Kyle & Carrick District in which all mosaics are allocated according to primary or secondary feature.

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; NS = not significant = < 0.05 sq km. Please refer to Figure 6.3 for guidance in the interpretation of this table.

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
3	1.2	0	0	Factory
4	3.8	0	0	Airfield
5	7.5	0	0	Golf course
6	0.1	0	0	Cemeteries
7	0.9	0	0	Recreational land
10	0.5	0	0	Rock and cliffs (area)
12	1.7	0	0	Quarries and opencast (area)
14	0.4	0	0	Bings and refuse tips (area)
18	16.5	0	0	Water (area)
20	35.1	0	0	Built-up (area)
21	0.3	0	0	Transport features, road
24	0.2	0	0	Estuary
28	N.S	0	0	Ski tows
70	160.9	0.2	0	Coniferous plantation (area)
76	16.7	N.S	0	Undiff. broadleaved (area)
79	18.2	0	0	Undiff. mixed woodland (area)
82	1.7	0	1.1	Undiff. low scrub
83	53.5	0	0	Recent ploughing for forestry
84	10.2	0	0	Recently felled forestry
85	73.5	0	0	Open canopy (young plantation)
87	1.2	0	0	Recent 'ripping' for forestry
90	446.4	15.1	1.2	Imp. pasture: no rock, no farms, no trees
91	3.1	0	0	Imp. pasture: no rock, no farms, trees
92	0.1	0	0	Imp. pasture: no rock, farms, no trees
93	0.1	0	0	Imp. pasture: no rock, farms, trees
94	6.5	1.5	0.5	Imp. pasture: rock, no farms, no trees
95	0.1	0	0	Imp. pasture: rock, no farms, trees
100	25.3	0	0	Arable: no rock, no farms, no trees
104	0.1	0	0	Arable: rock, no farms, no trees
110	0.7	1.2	0.5	Dry heather moor: no rock, no burning, no trees
111	0	0.1	0	Dry heather moor: no rock, no burning, trees
112	0.2	0.1	0	Dry heather moor: no rock, burning, no trees
114	0	1.7	0.6	Dry heather moor: rock, no burning, no trees
116	0	0.6	0	Dry heather moor: rock, burning, no trees
120	N.S	4.8	5.5	Wet heather moor: no rock, no burning, no trees
122	0	1.5	1.0	Wet heather moor: no rock, burning, no trees
124	1.5	31.8	7.1	Wet heather moor: rock, no burning, no trees
130	2.9	4.8	4.1	Undiff. heather moor: no rock, no burning, no trees
131	0.1	0	0	Undiff. heather moor: no rock, no burning, trees
134	0.1	1.4	N.S	Undiff. heather moor: rock, no burning, no trees
136	0	0.1	0	Undiff. heather moor: rock, burning, no trees
140	56.0	47.5	49.6	Undiff. Nardus/Molinia: no rock, no trees
141	0.2	0	0	Undiff. Nardus/Molinia: no rock, trees
142	1.9	7.8	37.3	Undiff. Nardus/Molinia: rock, no trees

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Table 9.15.2 Total audit of land cover features in Kyle & Carrick District in which all mosaics are allocated according to primary or secondary feature (continued).

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
143	0.3	0	N.S	Undiff. Nardus/Molinia: rock, trees
150	16.0	18.3	37.5	Smooth grass/rushes: no rock, no trees
151	0.3	0.1	0.2	Smooth grass/rushes: no rock, trees
152	N.S	0	0.7	Smooth grass/rushes: rock, no trees
155	6.7	0.8	1.4	Smooth grass/low scrub: no rock, no trees
156	3.5	0	0	Smooth grass/low scrub: no rock, trees
157	4.1	0.1	1.6	Smooth grass/low scrub: rock, no trees
158	0.4	0	0	Smooth grass/low scrub: rock, trees
160	40.1	34.9	32.8	Undiff. smooth grass.: no rock, no trees
161	4.4	0.7	0.2	Undiff. smooth grass.: no rock, trees
162	16.1	6.4	6.5	Undiff. smooth grass.: rock, no trees
163	0.4	0	0	Undiff. smooth grass.: rock, trees
170	6.8	3.1	5.3	Undiff. bracken: no rock, no trees
171	2.1	N.S	0.1	Undiff. bracken: no rock, trees
172	3.0	0.8	0	Undiff. bracken: rock, no trees
173	0.2	N.S	0	Undiff. bracken: rock, trees
180	6.0	0.2	0.1	Blanket bog/peat. veg.: erosion, no trees
182	35.0	20.6	11.3	Blanket bog/peat. veg.: no erosion, no trees
183	0.1	0	0.3	Blanket bog/peat. veg.: no erosion, trees
184	0	0.2	0	Blanket bog/peat. veg.: dubh lochans
186	0.2	0	0	Blanket bog/peat. veg.: other peat workings
190	0.1	0	0	Undiff. salt marsh: no trees
200	2.4	0	0	Wetlands: no drains, no trees
202	0.9	0	0	Wetlands: no drains, trees
210	0.2	0	0	Bare dunes
211	0.1	0	0	Partially stabilized dunes
212	1.4	0.3	0	Links area: grass
213	0	0	0.2	Links area: heath
222	0.2	0	0	Undiff. montane veg.: rock
223	2.8	0	0	Undiff. montane veg.: no rock
TOTAL	1103.3	206.9	206.9	

Table 9.15.3 Total audit of land cover features in Kyle & Carrick District in which all mosaics are separately identified.

All areas are expressed in square kilometres to 1 decimal place; all percentages are expressed as % of the total area; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05

code	area	%	description
3	1.2	0.1	Factory
4	3.8	0.3	Airfield
5	7.5	0.6	Golf course
6	0.1	N.S	Cemeteries
7	0.9	0.1	Recreational land
10	0.5	N.S	Rock and cliffs (area)
12	1.7	0.1	Quarries and opencast (area)

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Table 9.15.3 Total audit of land cover features in Kyle & Carrick District in which all mosaics are separately identified (continued).

code	area	%	description
14	0.4	N.S	Bings and refuse tips (area)
18	16.5	1.3	Water (area)
20	35.1	2.7	Built-up (area)
21	0.3	N.S	Transport features, road
24	0.2	N.S	Estuary
28	N.S	N.S	Ski tows
70	160.9	12.3	Coniferous plantation (area)
76	16.7	1.3	Undiff. broadleaved (area)
79	18.2	1.4	Undiff. mixed woodland (area)
82	1.7	0.1	Undiff. low scrub
83	53.5	4.1	Recent ploughing for forestry
84	10.2	0.8	Recently felled forestry
85	73.5	5.6	Open canopy (young plantation)
87	1.2	0.1	Recent 'ripping' for forestry
90	446.4	34.1	Imp. pasture: no rock, no farms, no trees
91	3.1	0.2	Imp. pasture: no rock, no farms, trees
92	0.1	N.S	Imp. pasture: no rock, farms, no trees
93	0.1	N.S	Imp. pasture: no rock, farms, trees
94	6.5	0.5	Imp. pasture: rock, no farms, no trees
95	0.1	N.S	Imp. pasture: rock, no farms, trees
100	25.3	1.9	Arable: no rock, no farms, no trees
104	0.1	N.S	Arable: rock, no farms, no trees
110	0.7	0.1	Dry heather moor: no rock, no burning, no trees
112	0.2	N.S	Dry heather moor: no rock, burning, no trees
120	N.S	N.S	Wet heather moor: no rock, no burning, no trees
124	1.5	0.1	Wet heather moor: rock, no burning, no trees
130	2.9	0.2	Undiff. heather moor: no rock, no burning, no trees
131	0.1	N.S	Undiff. heather moor: no rock, no burning, trees
134	0.1	N.S	Undiff. heather moor: rock, no burning, no trees
140	56.0	4.3	Undiff. Nardus/Molinia: no rock, no trees
141	0.2	N.S	Undiff. Nardus/Molinia: no rock, trees
142	1.9	0.1	Undiff. Nardus/Molinia: rock, no trees
143	0.3	N.S	Undiff. Nardus/Molinia: rock, trees
150	16.0	1.2	Smooth grass/rushes: no rock, no trees
151	0.3	N.S	Smooth grass/rushes: no rock, trees
152	N.S	N.S	Smooth grass/rushes: rock, no trees
155	6.7	0.5	Smooth grass/low scrub: no rock, no trees
156	3.5	0.3	Smooth grass/low scrub: no rock, trees
157	4.1	0.3	Smooth grass/low scrub: rock, no trees
158	0.4	N.S	Smooth grass/low scrub: rock, trees
160	40.1	3.1	Undiff. smooth grass.: no rock, no trees
161	4.4	0.3	Undiff. smooth grass.: no rock, trees
162	16.1	1.2	Undiff. smooth grass.: rock, no trees
163	0.4	N.S	Undiff. smooth grass.: rock, trees
170	6.8	0.5	Undiff. bracken: no rock, no trees
171	2.1	0.2	Undiff. bracken: no rock, trees
172	3.0	0.2	Undiff. bracken: rock, no trees
173	0.2	N.S	Undiff. bracken: rock, trees
180	6.0	0.5	Blanket bog/peat. veg.: erosion, no trees
182	35.0	2.7	Blanket bog/peat. veg.: no erosion, no trees

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Table 9.15.3 Total audit of land cover features in Kyle & Carrick District in which all mosaics are separately identified (continued).

code	area	%	description	
183	0.1	N.S	Blanket bog/peat. veg.: no erosion, trees	
186	0.2	N.S	Blanket bog/peat. veg.: other peat workings	
190	0.1	N.S	Undiff. salt marsh: no trees	
200	2.4	0.2	Wetlands: no drains, no trees	
202	0.9	0.1	Wetlands: no drains, trees	
210	0.2	N.S	Bare dunes	
211	0.1	N.S	Partially stabilized dunes	
212	1.4	0.1	Links area: grass	
222	0.2	N.S	Undiff. montane veg.: rock	
223	2.8	0.2	Undiff. montane veg.: no rock	
code	area	%	primary feature	secondary feature
301	0.2	N.S	Undiff. smooth grass.: rock, no trees	Dry heather moor: rock, no burning, no trees
311	0.4	N.S	Undiff. bracken: rock, no trees	Dry heather moor: rock, no burning, no trees
312	1.6	0.1	Wet heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
313	3.3	0.3	Blanket bog/peat. veg.: no erosion, no trees	Wet heather moor: rock, no burning, no trees
326	1.7	0.1	Dry heather moor: rock, no burning, no trees	Undiff. smooth grass.: rock, no trees
328	3.2	0.2	Imp. pasture: no rock, no farms, no trees	Undiff. Nardus/Molinia: no rock, no trees
332	0.1	N.S	Undiff. smooth grass.: rock, no trees	Wet heather moor: rock, no burning, no trees
353	8.5	0.7	Imp. pasture: no rock, no farms, no trees	Smooth grass/rushes: no rock, no trees
355	0.1	N.S	Blanket bog/peat. veg.: no erosion, no trees	Smooth grass/rushes: no rock, no trees
356	17.6	1.3	Undiff. smooth grass.: no rock, no trees	Smooth grass/rushes: no rock, no trees
358	1.6	0.1	Blanket bog/peat. veg.: no erosion, no trees	Wet heather moor: no rock, no burning, no trees
361	0.1	N.S	Wet heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
364	0.2	N.S	Wet heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
365	0.3	N.S	Undiff. bracken: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
382	0.3	N.S	Blanket bog/peat. veg.: no erosion, no trees	Undiff. heather moor: no rock, no burning, no trees
387	0.3	N.S	Smooth grass/low scrub: no rock, no trees	Smooth grass/rushes: no rock, no trees
389	0.5	N.S	Dry heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
390	1.5	0.1	Imp. pasture: no rock, no farms, no trees	Undiff. smooth grass.: no rock, no trees
395	0.1	N.S	Smooth grass/rushes: no rock, no trees	Smooth grass/low scrub: no rock, no trees
397	0.7	0.1	Undiff. smooth grass.: rock, no trees	Smooth grass/rushes: rock, no trees
399	0.7	0.1	Smooth grass/rushes: no rock, no trees	Imp. pasture: no rock, no farms, no trees
402	8.2	0.6	Smooth grass/rushes: no rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
406	0.1	N.S	Smooth grass/rushes: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
409	0.6	N.S	Imp. pasture: no rock, no farms, no trees	Smooth grass/low scrub: no rock, no trees
410	0.1	N.S	Undiff. smooth grass.: no rock, no trees	Imp. pasture: no rock, no farms, no trees
414	9.1	0.7	Undiff. Nardus/Molinia: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
415	2.4	0.2	Undiff. smooth grass.: no rock, no trees	Undiff. bracken: no rock, no trees
416	9.0	0.7	Undiff. Nardus/Molinia: no rock, no trees	Smooth grass/rushes: no rock, no trees
421	13.7	1.0	Undiff. smooth grass.: no rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
424	3.3	0.3	Undiff. smooth grass.: rock, no trees	Undiff. Nardus/Molinia: rock, no trees
426	8.6	0.7	Smooth grass/rushes: no rock, no trees	Undiff. smooth grass.: no rock, no trees
429	0.2	N.S	Undiff. Nardus/Molinia: rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
440	0.5	N.S	Smooth grass/low scrub: no rock, no trees	Undiff. bracken: no rock, no trees
442	4.8	0.4	Undiff. heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
444	20.1	1.5	Undiff. Nardus/Molinia: no rock, no trees	Undiff. smooth grass.: no rock, no trees
448	0.6	N.S	Undiff. heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: rock, no trees
449	12.3	0.9	Blanket bog/peat. veg.: no erosion, no trees	Undiff. Nardus/Molinia: no rock, no trees
450	0.3	N.S	Undiff. smooth grass.: rock, no trees	Smooth grass/rushes: no rock, no trees

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Table 9.15.3 Total audit of land cover features in Kyle & Carrick District in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
452	0.3	N.S	Imp. pasture: rock, no farms, no trees	Smooth grass/rushes: no rock, no trees
458	0.2	N.S	Undiff. smooth grass.: no rock, trees	Smooth grass/rushes: no rock, trees
460	0.7	0.1	Dry heather moor: no rock, no burning, no trees	Undiff. bracken: no rock, no trees
466	0.1	N.S	Dry heather moor: no rock, burning, no trees	Undiff. smooth grass.: no rock, no trees
474	0.2	N.S	Blanket bog/peat. veg.: erosion, no trees	Undiff. Nardus/Molinia: no rock, no trees
485	3.9	0.3	Undiff. Nardus/Molinia: no rock, no trees	Wet heather moor: no rock, no burning, no trees
493	0.3	N.S	Undiff. smooth grass.: no rock, no trees	Smooth grass/low scrub: no rock, no trees
494	N.S	N.S	Undiff. Nardus/Molinia: rock, no trees	Undiff. heather moor: rock, no burning, no trees
497	1.3	0.1	Blanket bog/peat. veg.: no erosion, no trees	Undiff. Nardus/Molinia: rock, no trees
499	0.5	N.S	Imp. pasture: rock, no farms, no trees	Undiff. smooth grass.: rock, no trees
503	4.0	0.3	Undiff. Nardus/Molinia: rock, no trees	Undiff. smooth grass.: rock, no trees
506	0.2	N.S	Links area: grass	Links area: heath
513	0.1	N.S	Dry heather moor: no rock, no burning, trees	Undiff. bracken: no rock, trees
517	3.5	0.3	Undiff. Nardus/Molinia: rock, no trees	Wet heather moor: rock, no burning, no trees
521	4.4	0.3	Wet heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
524	0.1	N.S	Smooth grass/rushes: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
530	1.1	0.1	Undiff. smooth grass.: rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
534	0.3	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. low scrub
549	N.S	N.S	Undiff. broadleaved (area)	Undiff. low scrub
554	0.1	N.S	Smooth grass/low scrub: rock, no trees	Smooth grass/rushes: no rock, no trees
556	0.1	N.S	Wet heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: erosion, no trees
558	1.0	0.1	Undiff. bracken: no rock, no trees	Smooth grass/rushes: no rock, no trees
560	0.1	N.S	Undiff. bracken: rock, no trees	Undiff. Nardus/Molinia: rock, no trees
561	0.7	0.1	Undiff. bracken: no rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
564	3.3	0.3	Undiff. Nardus/Molinia: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
570	0.5	N.S	Undiff. smooth grass.: rock, no trees	Imp. pasture: rock, no farms, no trees
571	0.1	N.S	Undiff. smooth grass.: rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
573	30.1	2.3	Wet heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: rock, no trees
583	0.2	N.S	Coniferous plantation (area)	Wet heather moor: rock, no burning, no trees
584	0.3	N.S	Undiff. bracken: rock, no trees	Undiff. low scrub
586	0.3	N.S	Smooth grass/rushes: no rock, no trees	Undiff. bracken: no rock, no trees
592	1.5	0.1	Undiff. Nardus/Molinia: no rock, no trees	Undiff. bracken: no rock, no trees
593	0.2	N.S	Undiff. bracken: no rock, no trees	Undiff. smooth grass.: no rock, no trees
631	0.2	N.S	Undiff. smooth grass.: no rock, no trees	Dry heather moor: no rock, no burning, no trees
645	0.1	N.S	Undiff. bracken: no rock, no trees	Smooth grass/low scrub: no rock, no trees
651	0.2	N.S	Undiff. smooth grass.: no rock, trees	Smooth grass/rushes: no rock, no trees
659	0.3	N.S	Undiff. bracken: no rock, no trees	Dry heather moor: no rock, no burning, no trees
660	1.0	0.1	Imp. pasture: no rock, no farms, no trees	Smooth grass/low scrub: rock, no trees
668	0.4	N.S	Undiff. Nardus/Molinia: no rock, no trees	Imp. pasture: no rock, no farms, no trees
727	0.4	N.S	Blanket bog/peat. veg.: no erosion, no trees	Undiff. smooth grass.: no rock, no trees
742	N.S	N.S	Undiff. bracken: rock, trees	Undiff. Nardus/Molinia: rock, trees
786	0.2	N.S	Blanket bog/peat. veg.: no erosion, no trees	Undiff. smooth grass.: no rock, trees
855	0.2	N.S	Smooth grass/rushes: no rock, no trees	Undiff. smooth grass.: rock, no trees
861	0.4	N.S	Undiff. bracken: no rock, no trees	Undiff. low scrub
909	0.1	N.S	Undiff. heather moor: rock, burning, no trees	Undiff. Nardus/Molinia: rock, no trees
933	0.8	0.1	Undiff. heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
1137	0.1	N.S	Smooth grass/rushes: no rock, trees	Blanket bog/peat. veg.: no erosion, trees
1151	0.1	N.S	Links area: grass	Smooth grass/rushes: no rock, no trees
1279	0.2	N.S	Undiff. Nardus/Molinia: no rock, no trees	Smooth grass/low scrub: no rock, no trees
1284	0.7	0.1	Imp. pasture: rock, no farms, no trees	Undiff. smooth grass.: no rock, no trees

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Table 9.15.3 Total audit of land cover features in Kyle & Carrick District in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
1318	0.3	N.S	Undiff. smooth grass.: no rock, trees	Blanket bog/peat. veg.: no erosion, trees
1340	N.S	N.S	Undiff. bracken: no rock, trees	Undiff. low scrub
1364	0.6	N.S	Dry heather moor: rock, burning, no trees	Undiff. Nardus/Molinia: rock, no trees
1399	0.6	N.S	Undiff. smooth grass.: no rock, no trees	Smooth grass/low scrub: rock, no trees
1461	1.0	0.1	Blanket bog/peat. veg.: no erosion, no trees	Wet heather moor: no rock, burning, no trees
1465	0.2	N.S	Blanket bog/peat. veg.: dubh lochans	Undiff. Nardus/Molinia: no rock, no trees
1466	1.0	0.1	Wet heather moor: no rock, burning, no trees	Undiff. Nardus/Molinia: rock, no trees
1467	0.5	N.S	Wet heather moor: no rock, burning, no trees	Undiff. smooth grass.: no rock, no trees
1468	0.1	N.S	Undiff. bracken: rock, no trees	Wet heather moor: rock, no burning, no trees
TOTAL	1310.2	100.0		

Cover types		single feature		features in mosaics	
		area	%	primary	secondary
Open countryside					
A	Arable	0.3	0.2	0	0
B	Improved grassland	75.3	45.0	12.3	2.9
C	Good rough grassland	5.0	3.0	2.6	N.S
D	Poor rough grassland	10.2	6.1	0.3	13.3
E	Bracken	0	0	0	0
F	Heather moorland	0.8	0.5	1.0	0
G	Peatland	12.4	7.4	0	0
H	Montane	0	0	0	0
I	Rock and cliffs	0	0	0	0
Woodland					
J	Felled woodland	0.3	0.2	0	0
K	Recent planting	1.5	0.9	0	0
L	Coniferous plantation	0.8	0.5	0	0
M	Semi-natural coniferous	0	0	0	0
N	Mixed woodland	3.7	2.2	0	0.9
O	Broadleaved	0.2	0.1	0	0
P	Scrub	0.9	0.5	0	0
Wet ground					
Q	Fresh waters	2.9	1.7	0	0
R	Marshes	N.S	N.S	0	0
S	Saltmarshes	0	0	0	0
T	Dunes	0	0	0	0
U	Tidal waters	0	0	0	0
Developed					
V	Rural development	8.0	4.8	0.9	0
W	Urban	27.9	16.7	0	0
Other					
X	Missing photography/obscured land	0	0	0	0
SUBTOTAL		150.2	89.8		
Y	Mosaics of types above	17.1	10.2	17.1	17.1
DISTRICT TOTAL		167.3	100.0		

Nationally significant mosaics			area	%
FG	Heather moorland	Peatland	0	0
DF	Poor rough grassland	Heather moorland	1.0	0.6
CF	Good rough grassland	Heather moorland	0	0
GH	Peatland	Montane	0	0
CD	Good rough grassland	Poor rough grassland	0	0
BC	Improved grassland	Good rough grassland	2.6	1.6
CE	Good rough grassland	Bracken	0	0
DG	Poor rough grassland	Peatland	0	0
FH	Heather moorland	Montane	0	0
SUBTOTAL			3.6	2.1
Locally significant mosaics			area	%
BD	Improved grassland	Poor rough grassland	12.6	7.5
NV	Mixed woodland	Rural development	0.9	0.5
SUBTOTAL			13.5	8.1
Remaining mosaics			N.S	N.S
MOSAICS OF SUMMARY COVER TYPES			17.1	10.2

Table 9.16.1

Monklands District

Land cover summary categories

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not match the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05. Please refer to Figure 6.2 for guidance in the interpretation of this table.

Table 9.16.2 Total audit of land cover features in Monklands District in which all mosaics are allocated according to primary or secondary feature.

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05 sq km. Please refer to Figure 6.3 for guidance in the interpretation of this table.

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
3	0.7	0	0	Factory
5	0.3	0.9	0	Golf course
6	0.2	0	0	Cemeteries
7	0.7	0	0	Recreational land
12	4.4	0	0	Quarries and opencast (area)
14	1.2	0	0	Bings and refuse tips (area)
18	2.9	0	0	Water (area)
20	27.9	0	0	Built-up (area)
21	0.4	0	0	Transport features, road
22	N.S	0	0	Transport features, rail
70	0.8	0	0	Coniferous plantation (area)
76	0.2	0	0	Undiff. broadleaved (area)
79	3.7	0	0.5	Undiff. mixed woodland (area)
80	0	0	0.4	Undiff. mixed woodland (line)
82	0.9	0	0	Undiff. low scrub
83	0.1	0	0	Recent ploughing for forestry
84	0.3	0	0	Recently felled forestry
85	1.5	0	0	Open canopy (young plantation)
90	75.2	12.3	2.9	Imp. pasture: no rock, no farms, no trees
91	N.S	0	0	Imp. pasture: no rock, no farms, trees
93	0.1	0	0	Imp. pasture: no rock, farms, trees
100	0.3	0	0	Arable: no rock, no farms, no trees
120	0.6	1.0	0	Wet heather moor: no rock, no burning, no trees
130	0.1	0	0	Undiff. heather moor: no rock, no burning, no trees
140	7.1	0.3	13.3	Undiff. Nardus/Molinia: no rock, no trees
141	0.3	0	0	Undiff. Nardus/Molinia: no rock, trees
142	2.8	0	0	Undiff. Nardus/Molinia: rock, no trees
150	0.3	2.6	N.S	Smooth grass/rushes: no rock, no trees
151	0.4	0	0	Smooth grass/rushes: no rock, trees
156	N.S	0	0	Smooth grass/low scrub: no rock, trees
160	1.0	0	0	Undiff. smooth grass.: no rock, no trees
161	3.3	0	0	Undiff. smooth grass.: no rock, trees
162	0.1	0	0	Undiff. smooth grass.: rock, no trees
181	0.1	0	0	Blanket bog/peat. veg.: erosion, trees
182	8.4	0	0	Blanket bog/peat. veg.: no erosion, no trees
185	3.9	0	0	Blanket bog/peat. veg.: industrial peat workings
203	N.S	0	0	Wetlands: drains, trees
TOTAL	150.2	17.1	17.1	

Table 9.16.3 Total audit of land cover features in Monklands District in which all mosaics are separately identified.

All areas are expressed in square kilometres to 1 decimal place; all percentages are expressed as % of the total area; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05

code	area	%	description	
3	0.7	0.4	Factory	
5	0.3	0.2	Golf course	
6	0.2	0.1	Cemeteries	
7	0.7	0.4	Recreational land	
12	4.4	2.6	Quarries and opencast (area)	
14	1.2	0.7	Bings and refuse tips (area)	
18	2.9	1.7	Water (area)	
20	27.9	16.7	Built-up (area)	
21	0.4	0.3	Transport features, road	
22	N.S	N.S	Transport features, rail	
70	0.8	0.5	Coniferous plantation (area)	
76	0.2	0.1	Undiff. broadleaved (area)	
79	3.7	2.2	Undiff. mixed woodland (area)	
82	0.9	0.5	Undiff. low scrub	
83	0.1	N.S	Recent ploughing for forestry	
84	0.3	0.2	Recently felled forestry	
85	1.5	0.9	Open canopy (young plantation)	
90	75.2	44.9	Imp. pasture: no rock, no farms, no trees	
91	N.S	N.S	Imp. pasture: no rock, no farms, trees	
93	0.1	N.S	Imp. pasture: no rock, farms, trees	
100	0.3	0.2	Arable: no rock, no farms, no trees	
120	0.6	0.4	Wet heather moor: no rock, no burning, no trees	
130	0.1	0.1	Undiff. heather moor: no rock, no burning, no trees	
140	7.1	4.3	Undiff. Nardus/Molinia: no rock, no trees	
141	0.3	0.2	Undiff. Nardus/Molinia: no rock, trees	
142	2.8	1.7	Undiff. Nardus/Molinia: rock, no trees	
150	0.3	0.2	Smooth grass/rushes: no rock, no trees	
151	0.4	0.2	Smooth grass/rushes: no rock, trees	
156	N.S	N.S	Smooth grass/low scrub: no rock, trees	
160	1.0	0.6	Undiff. smooth grass.: no rock, no trees	
161	3.3	2.0	Undiff. smooth grass.: no rock, trees	
162	0.1	0.1	Undiff. smooth grass.: rock, no trees	
181	0.1	0.1	Blanket bog/peat. veg.: erosion, trees	
182	8.4	5.0	Blanket bog/peat. veg.: no erosion, no trees	
185	3.9	2.3	Blanket bog/peat. veg.: industrial peat workings	
203	N.S	N.S	Wetlands: drains, trees	
code	area	%	primary feature	secondary feature
328	12.3	7.4	Imp. pasture: no rock, no farms, no trees	Undiff. Nardus/Molinia: no rock, no trees
353	N.S	N.S	Imp. pasture: no rock, no farms, no trees	Smooth grass/rushes: no rock, no trees
399	2.6	1.6	Smooth grass/rushes: no rock, no trees	Imp. pasture: no rock, no farms, no trees
521	1.0	0.6	Wet heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
594	0.4	0.3	Golf course	Undiff. mixed woodland (line)
654	0.5	0.3	Golf course	Undiff. mixed woodland (area)
668	0.3	0.2	Undiff. Nardus/Molinia: no rock, no trees	Imp. pasture: no rock, no farms, no trees
TOTAL	167.3	100.0		

Cover types		single feature		features in mosaics	
		area	%	primary	secondary
Open countryside					
A	Arable	5.6	3.2	0	0
B	Improved grassland	64.7	37.5	6.8	0
C	Good rough grassland	1.8	1.0	0	1.1
D	Poor rough grassland	3.7	2.1	0	4.9
E	Bracken	0	0	0	0
F	Heather moorland	0	0	0	0
G	Peatland	5.3	3.0	0	0
H	Montane	0	0	0	0
I	Rock and cliffs	0	0	0	0
Woodland					
J	Felled woodland	0	0	0	0
K	Recent planting	6.1	3.5	0	0
L	Coniferous plantation	9.5	5.5	0	0.9
M	Semi-natural coniferous	0	0	0	0
N	Mixed woodland	6.2	3.6	0	1.8
O	Broadleaved	0.1	0.1	0	0
P	Scrub	1.2	0.7	0	0
Wet ground					
Q	Fresh waters	1.7	1.0	0	0
R	Marshes	N.S	N.S	0	0
S	Saltmarshes	0	0	0	0
T	Dunes	0	0	0	0
U	Tidal waters	0	0	0	0
Developed					
V	Rural development	18.3	10.6	1.9	0
W	Urban	40.0	23.1	0	0
Other					
X	Missing photography/obscured land	0	0	0	0
SUBTOTAL		164.2	95.0		
Y	Mosaics of types above	8.6	5.0	8.6	8.6
DISTRICT TOTAL		172.9	100.0		

Nationally significant mosaics			area	%
FG	Heather moorland	Peatland	0	0
DF	Poor rough grassland	Heather moorland	0	0
CF	Good rough grassland	Heather moorland	0	0
GH	Peatland	Montane	0	0
CD	Good rough grassland	Poor rough grassland	0	0
BC	Improved grassland	Good rough grassland	1.1	0.6
CE	Good rough grassland	Bracken	0	0
DG	Poor rough grassland	Peatland	0	0
FH	Heather moorland	Montane	0	0
SUBTOTAL			1.1	0.6
Locally significant mosaics			area	%
BD	Improved grassland	Poor rough grassland	4.8	2.8
NV	Mixed woodland	Rural development	0.9	0.5
LV	Coniferous plantation	Rural development	0.9	0.5
BN	Improved grassland	Mixed woodland	0.8	0.5
SUBTOTAL			7.5	4.3
Remaining mosaics			0.1	N.S
MOSAICS OF SUMMARY COVER TYPES			8.6	5.0

Table 9.17.1

Motherwell District

Land cover summary categories

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not match the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05. Please refer to Figure 6.2 for guidance in the interpretation of this table.

Table 9.17.2 Total audit of land cover features in Motherwell District in which all mosaics are allocated according to primary or secondary feature.

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05 sq km. Please refer to Figure 6.3 for guidance in the interpretation of this table.

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
3	6.3	0	0	Factory
5	0.1	1.8	0	Golf course
6	0.3	0	0	Cemeteries
7	2.3	0	0	Recreational land
12	4.5	0	0	Quarries and opencast (area)
14	3.8	0.1	0	Bings and refuse tips (area)
18	1.7	0	0	Water (area)
20	40.0	0	0	Built-up (area)
21	0.7	0	0	Transport features, road
22	0.3	0	0	Transport features, rail
70	9.5	0	0.9	Coniferous plantation (area)
76	0.1	0	0	Undiff. broadleaved (area)
79	6.2	0	1.8	Undiff. mixed woodland (area)
82	1.2	0	0	Undiff. low scrub
83	0.8	0	0	Recent ploughing for forestry
85	5.3	0	0	Open canopy (young plantation)
90	61.5	6.8	0	Imp. pasture: no rock, no farms, no trees
91	1.7	0	0	Imp. pasture: no rock, no farms, trees
92	1.6	0	0	Imp. pasture: no rock, farms, no trees
93	N.S	0	0	Imp. pasture: no rock, farms, trees
100	4.5	0	0	Arable: no rock, no farms, no trees
102	1.1	0	0	Arable: no rock, farms, no trees
140	3.6	0	4.9	Undiff. Nardus/Molinia: no rock, no trees
141	0.1	0	0	Undiff. Nardus/Molinia: no rock, trees
150	1.0	0	1.1	Smooth grass/rushes: no rock, no trees
156	0.3	0	0	Smooth grass/low scrub: no rock, trees
160	0.1	0	0	Undiff. smooth grass.: no rock, no trees
161	0.5	0	0	Undiff. smooth grass.: no rock, trees
182	5.2	0	0	Blanket bog/peat. veg.: no erosion, no trees
183	0.1	0	0	Blanket bog/peat. veg.: no erosion, trees
200	N.S	0	0	Wetlands: no drains, no trees
201	N.S	0	0	Wetlands: drains, no trees
TOTAL	164.2	8.6	8.6	

Table 9.17.3 Total audit of land cover features in Motherwell District in which all mosaics are separately identified. All areas are expressed in square kilometres to 1 decimal place; all percentages are expressed as % of the total area; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05

code	area	%	description	
3	6.3	3.7	Factory	
5	0.1	0.1	Golf course	
6	0.3	0.2	Cemeteries	
7	2.3	1.3	Recreational land	
12	4.5	2.6	Quarries and opencast (area)	
14	3.8	2.2	Bings and refuse tips (area)	
18	1.7	1.0	Water (area)	
20	40.0	23.1	Built-up (area)	
21	0.7	0.4	Transport features, road	
22	0.3	0.2	Transport features, rail	
70	9.5	5.5	Coniferous plantation (area)	
76	0.1	0.1	Undiff. broadleaved (area)	
79	6.2	3.6	Undiff. mixed woodland (area)	
82	1.2	0.7	Undiff. low scrub	
83	0.8	0.5	Recent ploughing for forestry	
85	5.3	3.0	Open canopy (young plantation)	
90	61.5	35.6	Imp. pasture: no rock, no farms, no trees	
91	1.7	1.0	Imp. pasture: no rock, no farms, trees	
92	1.6	0.9	Imp. pasture: no rock, farms, no trees	
93	N.S	N.S	Imp. pasture: no rock, farms, trees	
100	4.5	2.6	Arable: no rock, no farms, no trees	
102	1.1	0.6	Arable: no rock, farms, no trees	
140	3.6	2.1	Undiff. Nardus/Molinia: no rock, no trees	
141	0.1	0.1	Undiff. Nardus/Molinia: no rock, trees	
150	1.0	0.6	Smooth grass/rushes: no rock, no trees	
156	0.3	0.1	Smooth grass/low scrub: no rock, trees	
160	0.1	N.S	Undiff. smooth grass.: no rock, no trees	
161	0.5	0.3	Undiff. smooth grass.: no rock, trees	
182	5.2	3.0	Blanket bog/peat. veg.: no erosion, no trees	
183	0.1	N.S	Blanket bog/peat. veg.: no erosion, trees	
200	N.S	N.S	Wetlands: no drains, no trees	
201	N.S	N.S	Wetlands: drains, no trees	
code	area	%	primary feature	secondary feature
328	4.8	2.8	Imp. pasture: no rock, no farms, no trees	Undiff. Nardus/Molinia: no rock, no trees
353	1.1	0.6	Imp. pasture: no rock, no farms, no trees	Smooth grass/rushes: no rock, no trees
613	0.9	0.5	Golf course	Coniferous plantation (area)
654	0.9	0.5	Golf course	Undiff. mixed woodland (area)
799	0.1	N.S	Bings and refuse tips (area)	Undiff. Nardus/Molinia: no rock, no trees
810	0.8	0.5	Imp. pasture: no rock, no farms, no trees	Undiff. mixed woodland (area)
TOTAL	172.9	100.0		

Cover types		single feature		features in mosaics	
		area	%	primary	secondary
Open countryside					
A	Arable	31.3	10.0	0	0
B	Improved grassland	115.1	36.8	10.2	0.5
C	Good rough grassland	11.1	3.5	8.3	19.7
D	Poor rough grassland	8.2	2.6	1.9	3.7
E	Bracken	0	0	0	0
F	Heather moorland	6.3	2.0	4.2	0.7
G	Peatland	10.2	3.3	0	0
H	Montane	0	0	0	0
I	Rock and cliffs	0	0	0	0
Woodland					
J	Felled woodland	0.4	0.1	0	0
K	Recent planting	2.9	0.9	0	0
L	Coniferous plantation	6.0	1.9	0	1.2
M	Semi-natural coniferous	0	0	0	0
N	Mixed woodland	5.9	1.9	0	0.4
O	Broadleaved	2.2	0.7	0	0
P	Scrub	3.5	1.1	0	0.6
Wet ground					
Q	Fresh waters	4.9	1.6	0	0
R	Marshes	1.6	0.5	0	0
S	Saltmarshes	0.5	0.2	0	0
T	Dunes	0	0	0	0
U	Tidal waters	1.2	0.4	0	0
Developed					
V	Rural development	19.5	6.2	2.2	0
W	Urban	55.5	17.7	0	0
Other					
X	Missing photography/obscured land	0	0	0	0
SUBTOTAL		286.3	91.4		
Y	Mosaics of types above	26.9	8.6	26.9	26.9
DISTRICT TOTAL		313.2	100.0		

Nationally significant mosaics			area	%
FG	Heather moorland	Peatland	0	0
DF	Poor rough grassland	Heather moorland	0.3	0.1
CF	Good rough grassland	Heather moorland	4.7	1.5
GH	Peatland	Montane	0	0
CD	Good rough grassland	Poor rough grassland	2.5	0.8
BC	Improved grassland	Good rough grassland	7.8	2.5
CE	Good rough grassland	Bracken	0	0
DG	Poor rough grassland	Peatland	0	0
FH	Heather moorland	Montane	0	0
SUBTOTAL			15.3	4.9
Locally significant mosaics			area	%
BD	Improved grassland	Poor rough grassland	2.9	0.9
LV	Coniferous plantation	Rural development	1.2	0.4
PV	Scrub	Rural development	0.6	0.2
NV	Mixed woodland	Rural development	0.4	0.1
SUBTOTAL			5.1	1.6
Remaining mosaics			6.5	2.1
MOSAICS OF SUMMARY COVER TYPES			26.9	8.6

Table 9.18.1

Renfrew District

Land cover summary categories

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not match the totals of the columns due to rounding error discrepancies; 0 = not present; NS = not significant = < 0.05. Please refer to Figure 6.2 for guidance in the interpretation of this table.

Table 9.18.2 Total audit of land cover features in Renfrew District in which all mosaics are allocated according to primary or secondary feature.

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05 sq km. Please refer to Figure 6.3 for guidance in the interpretation of this table.

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
3	8.7	0	0	Factory
4	2.8	0	0	Airfield
5	4.7	2.2	0	Golf course
6	0.4	0	0	Cemeteries
7	0.5	0	0	Recreational land
12	1.1	0	0	Quarries and opencast (area)
14	0.2	0	0	Bings and refuse tips (area)
18	4.9	0	0	Water (area)
20	55.5	0	0	Built-up (area)
21	1.0	0	0	Transport features, road
24	1.2	0	0	Estuary
70	6.0	0	0.6	Coniferous plantation (area)
72	0	0	0.6	Coniferous plantation (point)
76	2.2	0	0	Undiff. broadleaved (area)
79	5.9	0	0.4	Undiff. mixed woodland (area)
82	3.5	0	0.6	Undiff. low scrub
83	0.2	0	0	Recent ploughing for forestry
84	0.4	0	0	Recently felled forestry
85	2.7	0	0	Open canopy (young plantation)
90	103.7	4.5	0.5	Imp. pasture: no rock, no farms, no trees
91	3.5	0.1	0	Imp. pasture: no rock, no farms, trees
92	1.0	0	0	Imp. pasture: no rock, farms, no trees
93	0.4	0	0	Imp. pasture: no rock, farms, trees
94	6.6	5.6	0	Imp. pasture: rock, no farms, no trees
100	30.4	0	0	Arable: no rock, no farms, no trees
101	0.9	0	0	Arable: no rock, no farms, trees
110	0	0	0.4	Dry heather moor: no rock, no burning, no trees
120	0.1	0	0.2	Wet heather moor: no rock, no burning, no trees
130	0	4.2	0.2	Undiff. heather moor: no rock, no burning, no trees
131	0.1	0	0	Undiff. heather moor: no rock, no burning, trees
132	6.2	0.1	0	Undiff. heather moor: no rock, burning, no trees
140	8.0	1.9	3.7	Undiff. Nardus/Molinia: no rock, no trees
141	N.S	0	0	Undiff. Nardus/Molinia: no rock, trees
142	0.2	0	0	Undiff. Nardus/Molinia: rock, no trees
150	0.6	0	13.9	Smooth grass/rushes: no rock, no trees
151	N.S	0	0	Smooth grass/rushes: no rock, trees
155	0.5	0	0.5	Smooth grass/low scrub: no rock, no trees
156	1.2	0	0	Smooth grass/low scrub: no rock, trees
157	0.3	0	N.S	Smooth grass/low scrub: rock, no trees
160	2.2	6.9	5.2	Undiff. smooth grass.: no rock, no trees
161	2.0	0	0.1	Undiff. smooth grass.: no rock, trees
162	3.6	1.3	0	Undiff. smooth grass.: rock, no trees
163	0.6	0	0	Undiff. smooth grass.: rock, trees
180	9.5	0	0	Blanket bog/peat. veg.: erosion, no trees

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Table 9.18.2 Total audit of land cover features in Renfrew District in which all mosaics are allocated according to primary or secondary feature (continued).

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
181	0.2	0	0	Blanket bog/peat. veg.: erosion, trees
182	0.4	0	0	Blanket bog/peat. veg.: no erosion, no trees
185	0.1	0	0	Blanket bog/peat. veg.: industrial peat workings
190	0.5	0	0	Undiff. salt marsh: no trees
191	0.1	0	0	Maritime grassland: no trees
200	0.2	0	0	Wetlands: no drains, no trees
201	0.3	0	0	Wetlands: drains, no trees
202	0.2	0	0	Wetlands: no drains, trees
203	0.9	0	0	Wetlands: drains, trees
TOTAL	286.3	26.9	26.9	

Table 9.18.3 Total audit of land cover features in Renfrew District in which all mosaics are separately identified.

All areas are expressed in square kilometres to 1 decimal place; all percentages are expressed as % of the total area; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S. = not significant = < 0.05

code	area	%	description
3	8.7	2.8	Factory
4	2.8	0.9	Airfield
5	4.7	1.5	Golf course
6	0.4	0.1	Cemeteries
7	0.5	0.2	Recreational land
12	1.1	0.4	Quarries and opencast (area)
14	0.2	0.1	Bings and refuse tips (area)
18	4.9	1.6	Water (area)
20	55.5	17.7	Built-up (area)
21	1.0	0.3	Transport features, road
24	1.2	0.4	Estuary
70	6.0	1.9	Coniferous plantation (area)
76	2.2	0.7	Undiff. broadleaved (area)
79	5.9	1.9	Undiff. mixed woodland (area)
82	3.5	1.1	Undiff. low scrub
83	0.2	0.1	Recent ploughing for forestry
84	0.4	0.1	Recently felled forestry
85	2.7	0.9	Open canopy (young plantation)
90	103.7	33.1	Imp. pasture: no rock, no farms, no trees
91	3.5	1.1	Imp. pasture: no rock, no farms, trees
92	1.0	0.3	Imp. pasture: no rock, farms, no trees
93	0.4	0.1	Imp. pasture: no rock, farms, trees
94	6.6	2.1	Imp. pasture: rock, no farms, no trees
100	30.4	9.7	Arable: no rock, no farms, no trees
101	0.9	0.3	Arable: no rock, no farms, trees
120	0.1	N.S.	Wet heather moor: no rock, no burning, no trees
131	0.1	N.S.	Undiff. heather moor: no rock, no burning, trees

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Table 9.18.3 Total audit of land cover features in Renfrew District in which all mosaics are separately identified (continued).

code	area	%	description	
132	6.2	2.0	Undiff. heather moor: no rock, burning, no trees	
140	8.0	2.6	Undiff. Nardus/Molinia: no rock, no trees	
141	N.S	N.S	Undiff. Nardus/Molinia: no rock, trees	
142	0.2	N.S	Undiff. Nardus/Molinia: rock, no trees	
150	0.6	0.2	Smooth grass/rushes: no rock, no trees	
151	N.S	N.S	Smooth grass/rushes: no rock, trees	
155	0.5	0.2	Smooth grass/low scrub: no rock, no trees	
156	1.2	0.4	Smooth grass/low scrub: no rock, trees	
157	0.3	0.1	Smooth grass/low scrub: rock, no trees	
160	2.2	0.7	Undiff. smooth grass.: no rock, no trees	
161	2.0	0.6	Undiff. smooth grass.: no rock, trees	
162	3.6	1.2	Undiff. smooth grass.: rock, no trees	
163	0.6	0.2	Undiff. smooth grass.: rock, trees	
180	9.5	3.0	Blanket bog/peat. veg.: erosion, no trees	
181	0.2	0.1	Blanket bog/peat. veg.: erosion, trees	
182	0.4	0.1	Blanket bog/peat. veg.: no erosion, no trees	
185	0.1	N.S	Blanket bog/peat. veg.: industrial peat workings	
190	0.5	0.2	Undiff. salt marsh: no trees	
191	0.1	N.S	Maritime grassland: no trees	
200	0.2	0.1	Wetlands: no drains, no trees	
201	0.3	0.1	Wetlands: drains, no trees	
202	0.2	0.1	Wetlands: no drains, trees	
203	0.9	0.3	Wetlands: drains, trees	
code	area	%	primary feature	secondary feature
328	2.3	0.7	Imp. pasture: no rock, no farms, no trees	Undiff. Nardus/Molinia: no rock, no trees
353	2.2	0.7	Imp. pasture: no rock, no farms, no trees	Smooth grass/rushes: no rock, no trees
356	5.3	1.7	Undiff. smooth grass.: no rock, no trees	Smooth grass/rushes: no rock, no trees
385	4.1	1.3	Undiff. heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
421	1.2	0.4	Undiff. smooth grass.: no rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
442	0.1	N.S	Undiff. heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
444	0.7	0.2	Undiff. Nardus/Molinia: no rock, no trees	Undiff. smooth grass.: no rock, no trees
450	1.2	0.4	Undiff. smooth grass.: rock, no trees	Smooth grass/rushes: no rock, no trees
452	5.2	1.7	Imp. pasture: rock, no farms, no trees	Smooth grass/rushes: no rock, no trees
530	N.S	N.S	Undiff. smooth grass.: rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
564	0.2	0.1	Undiff. Nardus/Molinia: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
609	0.6	0.2	Golf course	Coniferous plantation (point)
613	0.6	0.2	Golf course	Coniferous plantation (area)
631	0.4	0.1	Undiff. smooth grass.: no rock, no trees	Dry heather moor: no rock, no burning, no trees
654	0.4	0.1	Golf course	Undiff. mixed woodland (area)
668	0.5	0.2	Undiff. Nardus/Molinia: no rock, no trees	Imp. pasture: no rock, no farms, no trees
678	0.1	N.S	Imp. pasture: no rock, no farms, trees	Smooth grass/rushes: no rock, no trees
1081	0.6	0.2	Golf course	Undiff. low scrub
1136	0.2	0.1	Undiff. smooth grass.: rock, no trees	Wet heather moor: no rock, no burning, no trees
1279	0.5	0.2	Undiff. Nardus/Molinia: no rock, no trees	Smooth grass/low scrub: no rock, no trees
1284	0.4	0.1	Imp. pasture: rock, no farms, no trees	Undiff. smooth grass.: no rock, no trees
1335	0.1	N.S	Undiff. heather moor: no rock, burning, no trees	Undiff. smooth grass.: no rock, trees
1336	N.S	N.S	Undiff. Nardus/Molinia: no rock, no trees	Smooth grass/low scrub: rock, no trees
TOTAL	313.2	100.0		

Cover types		single feature		features in mosaics	
		area	%	primary	secondary
Open countryside					
A	Arable	18.9	11.5	0	0
B	Improved grassland	57.1	34.8	0.1	0
C	Good rough grassland	8.6	5.2	9.8	14.1
D	Poor rough grassland	4.9	3.0	10.1	1.9
E	Bracken	0	0	0	1.8
F	Heather moorland	1.1	0.7	0.9	3.2
G	Peatland	8.4	5.1	0.2	0
H	Montane	0	0	0	0
I	Rock and cliffs	0	0	0	0
Woodland					
J	Felled woodland	0.2	0.1	0	0
K	Recent planting	2.1	1.3	0	0
L	Coniferous plantation	3.2	1.9	0	0
M	Semi-natural coniferous	0	0	0	0
N	Mixed woodland	5.2	3.2	0	2.0
O	Broadleaved	0.5	0.3	0	0.3
P	Scrub	0.9	0.6	0	0
Wet ground					
Q	Fresh waters	0.8	0.5	0	0
R	Marshes	0	0	0	0
S	Saltmarshes	0	0	0	0
T	Dunes	0	0	0	0
U	Tidal waters	0	0	0	0
Developed					
V	Rural development	6.4	3.9	2.3	0
W	Urban	22.5	13.7	0	0
Other					
X	Missing photography/obscured land	0	0	0	0
SUBTOTAL		140.9	85.8		
Y	Mosaics of types above	23.3	14.2	23.3	23.3
DISTRICT TOTAL		164.2	100.0		

Nationally significant mosaics			area	%
FG	Heather moorland	Peatland	0	0
DF	Poor rough grassland	Heather moorland	3.2	2.0
CF	Good rough grassland	Heather moorland	0.9	0.5
GH	Peatland	Montane	0	0
CD	Good rough grassland	Poor rough grassland	8.4	5.1
BC	Improved grassland	Good rough grassland	0	0
CE	Good rough grassland	Bracken	1.8	1.1
DG	Poor rough grassland	Peatland	0.2	0.1
FH	Heather moorland	Montane	0	0
SUBTOTAL			14.5	8.9
Locally significant mosaics			area	%
NV	Mixed woodland	Rural development	2.0	1.2
OV	Broadleaved	Rural development	0.3	0.2
SUBTOTAL			2.3	1.4
Remaining mosaics			6.4	3.9
MOSAICS OF SUMMARY COVER TYPES			23.3	14.2

Table 9.19.1

Strathkelvin District

Land cover summary categories

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not match the totals of the columns due to rounding error discrepancies; 0 = not present; N.S. = not significant = < 0.05. Please refer to Figure 6.2 for guidance in the interpretation of this table.

Table 9.19.2 Total audit of land cover features in Strathkelvin District in which all mosaics are allocated according to primary or secondary feature.

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05 sq km. Please refer to Figure 6.3 for guidance in the interpretation of this table.

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
3	1.4	0	0	Factory
5	2.1	2.3	0	Golf course
6	N.S	0	0	Cemeteries
12	1.2	0	0	Quarries and opencast (area)
14	1.3	0	0	Bings and refuse tips (area)
18	0.8	0	0	Water (area)
20	22.5	0	0	Built-up (area)
21	0.1	0	0	Transport features, road
22	0.3	0	0	Transport features, rail
70	3.2	0	0	Coniferous plantation (area)
76	0.5	0	0	Undiff. broadleaved (area)
78	0	0	0.3	Undiff. broadleaved (point)
79	5.2	0	N.S	Undiff. mixed woodland (area)
80	0	0	1.3	Undiff. mixed woodland (line)
81	0	0	0.7	Undiff. mixed woodland (point)
82	0.9	0	0	Undiff. low scrub
84	0.2	0	0	Recently felled forestry
85	2.1	0	0	Open canopy (young plantation)
90	54.0	0.1	0	Imp. pasture: no rock, no farms, no trees
91	0.3	0	0	Imp. pasture: no rock, no farms, trees
92	2.4	0	0	Imp. pasture: no rock, farms, no trees
93	0.5	0	0	Imp. pasture: no rock, farms, trees
100	18.9	0	0	Arable: no rock, no farms, no trees
110	0	0.9	0	Dry heather moor: no rock, no burning, no trees
120	1.1	0	3.2	Wet heather moor: no rock, no burning, no trees
140	4.9	9.6	1.9	Undiff. Nardus/Molinia: no rock, no trees
142	0	0.5	0	Undiff. Nardus/Molinia: rock, no trees
150	0.9	0	6.4	Smooth grass/rushes: no rock, no trees
156	0.8	0	0	Smooth grass/low scrub: no rock, trees
160	5.7	3.6	7.7	Undiff. smooth grass.: no rock, no trees
161	0.9	1.5	0	Undiff. smooth grass.: no rock, trees
162	0	4.7	0	Undiff. smooth grass.: rock, no trees
163	0.2	0	0	Undiff. smooth grass.: rock, trees
170	0	0	1.8	Undiff. bracken: no rock, no trees
180	7.1	0	0	Blanket bog/peat. veg.: erosion, no trees
182	0.5	0.2	0	Blanket bog/peat. veg.: no erosion, no trees
183	0.3	0	0	Blanket bog/peat. veg.: no erosion, trees
185	0.6	0	0	Blanket bog/peat. veg.: industrial peat workings
TOTAL	140.9	23.3	23.3	

Table 9.19.3 Total audit of land cover features in Strathkelvin District in which all mosaics are separately identified. All areas are expressed in square kilometres to 1 decimal place; all percentages are expressed as % of the total area; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05

code	area	%	description	
3	1.4	0.9	Factory	
5	2.1	1.3	Golf course	
6	N.S	N.S	Cemeteries	
12	1.2	0.7	Quarries and opencast (area)	
14	1.3	0.8	Bings and refuse tips (area)	
18	0.8	0.5	Water (area)	
20	22.5	13.7	Built-up (area)	
21	0.1	0.1	Transport features, road	
22	0.3	0.2	Transport features, rail	
70	3.2	1.9	Coniferous plantation (area)	
76	0.5	0.3	Undiff. broadleaved (area)	
79	5.2	3.2	Undiff. mixed woodland (area)	
82	0.9	0.6	Undiff. low scrub	
84	0.2	0.1	Recently felled forestry	
85	2.1	1.3	Open canopy (young plantation)	
90	54.0	32.9	Imp. pasture: no rock, no farms, no trees	
91	0.3	0.2	Imp. pasture: no rock, no farms, trees	
92	2.4	1.4	Imp. pasture: no rock, farms, no trees	
93	0.5	0.3	Imp. pasture: no rock, farms, trees	
100	18.9	11.5	Arable: no rock, no farms, no trees	
120	1.1	0.7	Wet heather moor: no rock, no burning, no trees	
140	4.9	3.0	Undiff. Nardus/Molinia: no rock, no trees	
150	0.9	0.6	Smooth grass/rushes: no rock, no trees	
156	0.8	0.5	Smooth grass/low scrub: no rock, trees	
160	5.7	3.5	Undiff. smooth grass.: no rock, no trees	
161	0.9	0.6	Undiff. smooth grass.: no rock, trees	
163	0.2	0.1	Undiff. smooth grass.: rock, trees	
180	7.1	4.3	Blanket bog/peat. veg.: erosion, no trees	
182	0.5	0.3	Blanket bog/peat. veg.: no erosion, no trees	
183	0.3	0.2	Blanket bog/peat. veg.: no erosion, trees	
185	0.6	0.4	Blanket bog/peat. veg.: industrial peat workings	
code	area	%	primary feature	secondary feature
328	0.1	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. Nardus/Molinia: no rock, no trees
356	1.7	1.0	Undiff. smooth grass.: no rock, no trees	Smooth grass/rushes: no rock, no trees
389	0.9	0.5	Dry heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
415	1.8	1.1	Undiff. smooth grass.: no rock, no trees	Undiff. bracken: no rock, no trees
421	0.1	0.1	Undiff. smooth grass.: no rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
444	6.8	4.2	Undiff. Nardus/Molinia: no rock, no trees	Undiff. smooth grass.: no rock, no trees
449	0.2	0.1	Blanket bog/peat. veg.: no erosion, no trees	Undiff. Nardus/Molinia: no rock, no trees
450	4.7	2.8	Undiff. smooth grass.: rock, no trees	Smooth grass/rushes: no rock, no trees
485	2.7	1.7	Undiff. Nardus/Molinia: no rock, no trees	Wet heather moor: no rock, no burning, no trees
594	1.3	0.8	Golf course	Undiff. mixed woodland (line)
610	0.7	0.4	Golf course	Undiff. mixed woodland (point)
654	N.S	N.S	Golf course	Undiff. mixed woodland (area)
677	1.5	0.9	Undiff. smooth grass.: no rock, trees	Undiff. Nardus/Molinia: no rock, no trees
679	0.3	0.2	Golf course	Undiff. broadleaved (point)
1033	0.5	0.3	Undiff. Nardus/Molinia: rock, no trees	Wet heather moor: no rock, no burning, no trees
TOTAL	164.2	100.0		

Cover types		single feature		features in mosaics	
		area	%	primary	secondary
Open countryside					
A	Arable	1937.4	25.3	0	0
B	Improved grassland	458.1	6.0	68.0	11.0
C	Good rough grassland	321.1	4.2	276.8	327.9
D	Poor rough grassland	100.1	1.3	166.9	128.4
E	Bracken	5.1	0.1	0.7	124.3
F	Heather moorland	943.8	12.3	963.3	325.2
G	Peatland	459.9	6.0	193.5	963.8
H	Montane	173.3	2.3	271.7	57.8
I	Rock and cliffs	10.4	0.1	0	3.4
Woodland					
J	Felled woodland	23.8	0.3	0.2	N.S
K	Recent planting	198.8	2.6	0.2	0.3
L	Coniferous plantation	433.5	5.7	0.9	2.0
M	Semi-natural coniferous	2.8	N.S	0	1.6
N	Mixed woodland	163.7	2.1	0.7	6.9
O	Broadleaved	113.4	1.5	0.2	0.8
P	Scrub	2.3	N.S	0	0
Wet ground					
Q	Fresh waters	145.0	1.9	0	0
R	Marshes	4.6	0.1	0.2	0.9
S	Saltmarshes	4.9	0.1	0.3	0.2
T	Dunes	8.7	0.1	1.5	1.5
U	Tidal waters	4.0	0.1	0	0
Developed					
V	Rural development	26.7	0.3	11.2	0
W	Urban	119.8	1.6	0	0
Other					
X	Missing photography/obscured land	28.9	0.4	0	0
SUBTOTAL		5690.2	74.4		
Y	Mosaics of types above	1956.2	25.6	1956.2	1956.2
REGIONAL TOTAL		7646.4	100.0		

Nationally significant mosaics			area	%
FG	Heather moorland	Peatland	764.3	10.0
DF	Poor rough grassland	Heather moorland	126.9	1.7
CF	Good rough grassland	Heather moorland	248.6	3.3
GH	Peatland	Montane	243.4	3.2
CD	Good rough grassland	Poor rough grassland	37.3	0.5
BC	Improved grassland	Good rough grassland	78.3	1.0
CE	Good rough grassland	Bracken	103.4	1.4
DG	Poor rough grassland	Peatland	126.7	1.7
FH	Heather moorland	Montane	82.4	1.1
SUBTOTAL			1811.3	23.7
Locally significant mosaics			area	%
CG	Good rough grassland	Peatland	22.7	0.3
EF	Bracken	Heather moorland	18.7	0.2
NV	Mixed woodland	Rural development	6.9	0.1
HI	Montane	Rock and cliffs	2.7	N.S
DE	Poor rough grassland	Bracken	2.3	N.S
SUBTOTAL			53.4	0.7
Remaining mosaics			91.5	1.2
MOSAICS OF SUMMARY COVER TYPES			1956.2	25.6

Table 10.0.1

Tayside Region

Land cover summary categories

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not match the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05. Please refer to Figure 6.2 for guidance in the interpretation of this table.

Table 10.0.2 Total audit of land cover features in Tayside Region in which all mosaics are allocated according to primary or secondary feature.

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05 sq km. Please refer to Figure 6.3 for guidance in the interpretation of this table.

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
3	1.5	0	0	Factory
4	4.2	0	0	Airfield
5	6.7	11.2	0	Golf course
6	0.1	0	0	Cemeteries
7	3.3	0	0	Recreational land
10	10.4	0	3.4	Rock and cliffs (area)
12	6.4	0	0	Quarries and opencast (area)
14	0.7	0	0	Bings and refuse tips (area)
16	N.S	0	0	Paths
18	145.0	0	0	Water (area)
20	119.8	0	0	Built-up (area)
21	3.9	0	0	Transport features, road
24	4.0	0	0	Estuary
26	27.5	0	0	Cloud cover
27	1.2	0	0	Snow cover
70	433.5	0.9	0.7	Coniferous plantation (area)
72	N.S	0	1.3	Coniferous plantation (point)
73	2.8	0	1.6	Coniferous semi-natural (area)
76	113.4	0.2	0	Undiff. broadleaved (area)
77	0	0	0.4	Undiff. broadleaved (line)
78	N.S	0	0.3	Undiff. broadleaved (point)
79	163.6	0.7	0	Undiff. mixed woodland (area)
80	0.1	0	4.6	Undiff. mixed woodland (line)
81	0	0	2.3	Undiff. mixed woodland (point)
82	2.3	0	0	Undiff. low scrub
83	158.1	0	0.3	Recent ploughing for forestry
84	23.8	0.2	N.S	Recently felled forestry
85	40.8	0.2	0	Open canopy (young plantation)
90	410.7	67.0	11.0	Imp. pasture: no rock, no farms, no trees
91	43.8	1.0	0	Imp. pasture: no rock, no farms, trees
94	3.5	0	0	Imp. pasture: rock, no farms, no trees
95	0.1	0	0	Imp. pasture: rock, no farms, trees
100	1932.7	0	0	Arable: no rock, no farms, no trees
101	1.1	0	0	Arable: no rock, no farms, trees
102	2.4	0	0	Arable: no rock, farms, no trees
104	1.2	0	0	Arable: rock, no farms, no trees
110	91.0	107.9	85.2	Dry heather moor: no rock, no burning, no trees
111	9.3	5.4	1.1	Dry heather moor: no rock, no burning, trees
112	357.2	76.0	13.6	Dry heather moor: no rock, burning, no trees
113	1.3	2.6	0	Dry heather moor: no rock, burning, trees
114	72.7	94.8	41.8	Dry heather moor: rock, no burning, no trees
115	1.7	1.1	0	Dry heather moor: rock, no burning, trees
116	48.0	13.5	0	Dry heather moor: rock, burning, no trees
117	0	0.4	0	Dry heather moor: rock, burning, trees

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Table 10.0.2 Total audit of land cover features in Tayside Region in which all mosaics are allocated according to primary or secondary feature (continued).

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
120	12.9	13.6	7.7	Wet heather moor: no rock, no burning, no trees
121	1.4	0	2.1	Wet heather moor: no rock, no burning, trees
122	1.4	0.9	15.3	Wet heather moor: no rock, burning, no trees
123	0	0	1.2	Wet heather moor: no rock, burning, trees
124	0.3	0	0	Wet heather moor: rock, no burning, no trees
130	120.6	398.0	133.9	Undiff. heather moor: no rock, no burning, no trees
131	6.6	3.3	2.4	Undiff. heather moor: no rock, no burning, trees
132	186.2	201.7	18.9	Undiff. heather moor: no rock, burning, no trees
133	0.5	0.6	0	Undiff. heather moor: no rock, burning, trees
134	28.3	41.5	2.0	Undiff. heather moor: rock, no burning, no trees
135	0.1	0	0	Undiff. heather moor: rock, no burning, trees
136	4.4	2.0	0	Undiff. heather moor: rock, burning, no trees
140	82.1	152.1	110.9	Undiff. Nardus/Molinia: no rock, no trees
141	1.5	2.4	1.0	Undiff. Nardus/Molinia: no rock, trees
142	16.1	12.3	16.5	Undiff. Nardus/Molinia: rock, no trees
143	0.4	0.1	0	Undiff. Nardus/Molinia: rock, trees
150	41.8	52.1	164.8	Smooth grass/rushes: no rock, no trees
151	2.1	1.1	1.4	Smooth grass/rushes: no rock, trees
152	0.1	0.5	0.1	Smooth grass/rushes: rock, no trees
153	0.1	0	0	Smooth grass/rushes: rock, trees
155	19.6	4.4	5.3	Smooth grass/low scrub: no rock, no trees
156	25.7	1.9	4.4	Smooth grass/low scrub: no rock, trees
157	2.8	N.S	0.6	Smooth grass/low scrub: rock, no trees
158	1.2	0	0	Smooth grass/low scrub: rock, trees
159	0.2	0	0	invalid code
160	170.4	168.2	106.4	Undiff. smooth grass.: no rock, no trees
161	34.5	14.2	4.3	Undiff. smooth grass.: no rock, trees
162	20.3	29.2	39.0	Undiff. smooth grass.: rock, no trees
163	2.6	5.2	1.5	Undiff. smooth grass.: rock, trees
169	0.1	0	0	invalid code
170	4.5	0	104.3	Undiff. bracken: no rock, no trees
171	0.4	0.7	9.1	Undiff. bracken: no rock, trees
172	0.1	0	7.7	Undiff. bracken: rock, no trees
173	0.1	0	3.2	Undiff. bracken: rock, trees
180	223.4	125.1	199.7	Blanket bog/peat. veg.: erosion, no trees
181	0.5	0	0	Blanket bog/peat. veg.: erosion, trees
182	233.8	68.2	763.3	Blanket bog/peat. veg.: no erosion, no trees
183	1.9	0.1	0.7	Blanket bog/peat. veg.: no erosion, trees
184	0.2	0	0	Blanket bog/peat. veg.: dubh lochans
185	0.1	0	0	Blanket bog/peat. veg.: industrial peat workings
186	0.1	0	0	Blanket bog/peat. veg.: other peat workings
190	4.9	0.3	0.2	Undiff. salt marsh: no trees
200	1.9	0	0.1	Wetlands: no drains, no trees
201	0.4	0	0.5	Wetlands: drains, no trees
202	2.0	0.2	0.3	Wetlands: no drains, trees
203	0.4	0	0	Wetlands: drains, trees
210	0.5	0	0	Bare dunes

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Table 10.0.2 Total audit of land cover features in Tayside Region in which all mosaics are allocated according to primary or secondary feature (continued).

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
211	2.4	0	0	Partially stabilized dunes
212	5.7	1.5	0	Links area: grass
213	0.1	0	1.5	Links area: heath
222	57.8	108.5	10.0	Undiff. montane veg.: rock
223	115.5	163.1	47.9	Undiff. montane veg.: no rock
TOTAL	5690.2	1956.2	1956.2	

Table 10.0.3 Total audit of land cover features in Tayside Region in which all mosaics are separately identified.

All areas are expressed in square kilometres to 1 decimal place; all percentages are expressed as % of the total area; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05

code	area	%	description
3	1.5	N.S	Factory
4	4.2	0.1	Airfield
5	6.7	0.1	Golf course
6	0.1	N.S	Cemeteries
7	3.3	N.S	Recreational land
10	10.4	0.1	Rock and cliffs (area)
12	6.4	0.1	Quarries and opencast (area)
14	0.7	N.S	Bings and refuse tips (area)
16	N.S	N.S	Paths
18	145.0	1.9	Water (area)
20	119.8	1.6	Built-up (area)
21	3.9	0.1	Transport features, road
24	4.0	0.1	Estuary
26	27.5	0.4	Cloud cover
27	1.2	N.S	Snow cover
70	433.5	5.7	Coniferous plantation (area)
72	N.S	N.S	Coniferous plantation (point)
73	2.8	N.S	Coniferous semi-natural (area)
76	113.4	1.5	Undiff. broadleaved (area)
78	N.S	N.S	Undiff. broadleaved (point)
79	163.6	2.1	Undiff. mixed woodland (area)
80	0.1	N.S	Undiff. mixed woodland (line)
82	2.3	N.S	Undiff. low scrub
83	158.1	2.1	Recent ploughing for forestry
84	23.8	0.3	Recently felled forestry
85	40.8	0.5	Open canopy (young plantation)
90	410.7	5.4	Imp. pasture: no rock, no farms, no trees
91	43.8	0.6	Imp. pasture: no rock, no farms, trees
94	3.5	N.S	Imp. pasture: rock, no farms, no trees
95	0.1	N.S	Imp. pasture: rock, no farms, trees
100	1932.7	25.3	Arable: no rock, no farms, no trees
101	1.1	N.S	Arable: no rock, no farms, trees

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Table 10.0.3 Total audit of land cover features in Tayside Region in which all mosaics are separately identified (continued).

code	area	%	description
102	2.4	N.S	Arable: no rock, farms, no trees
104	1.2	N.S	Arable: rock, no farms, no trees
110	91.0	1.2	Dry heather moor: no rock, no burning, no trees
111	9.3	0.1	Dry heather moor: no rock, no burning, trees
112	357.2	4.7	Dry heather moor: no rock, burning, no trees
113	1.3	N.S	Dry heather moor: no rock, burning, trees
114	72.7	1.0	Dry heather moor: rock, no burning, no trees
115	1.7	N.S	Dry heather moor: rock, no burning, trees
116	48.0	0.6	Dry heather moor: rock, burning, no trees
120	12.9	0.2	Wet heather moor: no rock, no burning, no trees
121	1.4	N.S	Wet heather moor: no rock, no burning, trees
122	1.4	N.S	Wet heather moor: no rock, burning, no trees
124	0.3	N.S	Wet heather moor: rock, no burning, no trees
130	120.6	1.6	Undiff. heather moor: no rock, no burning, no trees
131	6.6	0.1	Undiff. heather moor: no rock, no burning, trees
132	186.2	2.4	Undiff. heather moor: no rock, burning, no trees
133	0.5	N.S	Undiff. heather moor: no rock, burning, trees
134	28.3	0.4	Undiff. heather moor: rock, no burning, no trees
135	0.1	N.S	Undiff. heather moor: rock, no burning, trees
136	4.4	0.1	Undiff. heather moor: rock, burning, no trees
140	82.1	1.1	Undiff. Nardus/Molinia: no rock, no trees
141	1.5	N.S	Undiff. Nardus/Molinia: no rock, trees
142	16.1	0.2	Undiff. Nardus/Molinia: rock, no trees
143	0.4	N.S	Undiff. Nardus/Molinia: rock, trees
150	41.8	0.5	Smooth grass/rushes: no rock, no trees
151	2.1	N.S	Smooth grass/rushes: no rock, trees
152	0.1	N.S	Smooth grass/rushes: rock, no trees
153	0.1	N.S	Smooth grass/rushes: rock, trees
155	19.6	0.3	Smooth grass/low scrub: no rock, no trees
156	25.7	0.3	Smooth grass/low scrub: no rock, trees
157	2.8	N.S	Smooth grass/low scrub: rock, no trees
158	1.2	N.S	Smooth grass/low scrub: rock, trees
159	0.2	N.S	invalid code
160	170.4	2.2	Undiff. smooth grass.: no rock, no trees
161	34.5	0.5	Undiff. smooth grass.: no rock, trees
162	20.3	0.3	Undiff. smooth grass.: rock, no trees
163	2.6	N.S	Undiff. smooth grass.: rock, trees
169	0.1	N.S	invalid code
170	4.5	0.1	Undiff. bracken: no rock, no trees
171	0.4	N.S	Undiff. bracken: no rock, trees
172	0.1	N.S	Undiff. bracken: rock, no trees
173	0.1	N.S	Undiff. bracken: rock, trees
180	223.4	2.9	Blanket bog/peat. veg.: erosion, no trees
181	0.5	N.S	Blanket bog/peat. veg.: erosion, trees
182	233.8	3.1	Blanket bog/peat. veg.: no erosion, no trees
183	1.9	N.S	Blanket bog/peat. veg.: no erosion, trees
184	0.2	N.S	Blanket bog/peat. veg.: dubh lochans
185	0.1	N.S	Blanket bog/peat. veg.: industrial peat workings
186	0.1	N.S	Blanket bog/peat. veg.: other peat workings
190	4.9	0.1	Undiff. salt marsh: no trees

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Table 10.0.3 Total audit of land cover features in Tayside Region in which all mosaics are separately identified (continued).

code	area	%	description	
200	1.9	N.S	Wetlands: no drains, no trees	
201	0.4	N.S	Wetlands: drains, no trees	
202	2.0	N.S	Wetlands: no drains, trees	
203	0.4	N.S	Wetlands: drains, trees	
210	0.5	N.S	Bare dunes	
211	2.4	N.S	Partially stabilized dunes	
212	5.7	0.1	Links area: grass	
213	0.1	N.S	Links area: heath	
222	57.8	0.8	Undiff. montane veg.: rock	
223	115.5	1.5	Undiff. montane veg.: no rock	
code	area	%	primary feature	secondary feature
301	9.1	0.1	Undiff. smooth grass.: rock, no trees	Dry heather moor: rock, no burning, no trees
316	1.5	N.S	Dry heather moor: rock, no burning, no trees	Undiff. bracken: rock, no trees
326	28.7	0.4	Dry heather moor: rock, no burning, no trees	Undiff. smooth grass.: rock, no trees
351	5.7	0.1	Smooth grass/rushes: no rock, no trees	Wet heather moor: no rock, no burning, no trees
352	2.8	N.S	Wet heather moor: no rock, no burning, no trees	Smooth grass/rushes: no rock, no trees
353	36.4	0.5	Imp. pasture: no rock, no farms, no trees	Smooth grass/rushes: no rock, no trees
355	9.7	0.1	Blanket bog/peat. veg.: no erosion, no trees	Smooth grass/rushes: no rock, no trees
356	44.6	0.6	Undiff. smooth grass.: no rock, no trees	Smooth grass/rushes: no rock, no trees
360	24.8	0.3	Undiff. heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
361	8.0	0.1	Wet heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
362	0.6	N.S	Undiff. heather moor: no rock, no burning, no trees	Undiff. bracken: no rock, no trees
364	0.1	N.S	Wet heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
366	0.7	N.S	Undiff. heather moor: rock, no burning, no trees	Undiff. bracken: rock, no trees
369	0.3	N.S	Undiff. smooth grass.: no rock, no trees	Wet heather moor: no rock, no burning, no trees
374	285.6	3.7	Undiff. heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
382	37.0	0.5	Blanket bog/peat. veg.: no erosion, no trees	Undiff. heather moor: no rock, no burning, no trees
385	16.3	0.2	Undiff. heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
387	0.2	N.S	Smooth grass/low scrub: no rock, no trees	Smooth grass/rushes: no rock, no trees
389	26.9	0.4	Dry heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
390	27.1	0.4	Imp. pasture: no rock, no farms, no trees	Undiff. smooth grass.: no rock, no trees
393	0.2	N.S	Recently felled forestry	Coniferous plantation (area)
395	0.9	N.S	Smooth grass/rushes: no rock, no trees	Smooth grass/low scrub: no rock, no trees
396	2.4	N.S	Undiff. heather moor: rock, no burning, no trees	Undiff. smooth grass.: rock, no trees
399	3.1	N.S	Smooth grass/rushes: no rock, no trees	Imp. pasture: no rock, no farms, no trees
400	9.2	0.1	Undiff. smooth grass.: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
401	5.0	0.1	Undiff. smooth grass.: rock, no trees	Undiff. bracken: rock, no trees
402	4.3	0.1	Smooth grass/rushes: no rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
403	0.1	N.S	Imp. pasture: no rock, no farms, trees	Undiff. heather moor: no rock, no burning, trees
404	0.5	N.S	Smooth grass/low scrub: no rock, trees	Undiff. heather moor: no rock, no burning, trees
405	0.4	N.S	Undiff. smooth grass.: no rock, trees	Imp. pasture: no rock, no farms, no trees
406	24.4	0.3	Smooth grass/rushes: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
407	6.9	0.1	Undiff. heather moor: no rock, burning, no trees	Undiff. smooth grass.: no rock, no trees
408	1.6	N.S	Undiff. heather moor: no rock, no burning, trees	Undiff. smooth grass.: no rock, trees
409	1.5	N.S	Imp. pasture: no rock, no farms, no trees	Smooth grass/low scrub: no rock, no trees
410	5.6	0.1	Undiff. smooth grass.: no rock, no trees	Imp. pasture: no rock, no farms, no trees
411	0.2	N.S	Undiff. smooth grass.: no rock, trees	Undiff. heather moor: no rock, no burning, trees
412	0.1	N.S	Undiff. heather moor: no rock, no burning, trees	Smooth grass/low scrub: no rock, trees
413	1.1	N.S	Smooth grass/rushes: no rock, trees	Smooth grass/low scrub: no rock, trees

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Table 10.0.3 Total audit of land cover features in Tayside Region in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
414	96.2	1.3	Undiff. Nardus/Molinia: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
415	74.2	1.0	Undiff. smooth grass.: no rock, no trees	Undiff. bracken: no rock, no trees
416	11.4	0.1	Undiff. Nardus/Molinia: no rock, no trees	Smooth grass/rushes: no rock, no trees
417	N.S	N.S	Undiff. heather moor: no rock, no burning, no trees	Smooth grass/low scrub: no rock, no trees
418	0.3	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. bracken: no rock, no trees
419	1.3	N.S	Undiff. smooth grass.: rock, trees	Undiff. bracken: no rock, no trees
420	33.1	0.4	Dry heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
421	11.5	0.1	Undiff. smooth grass.: no rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
424	1.1	N.S	Undiff. smooth grass.: rock, no trees	Undiff. Nardus/Molinia: rock, no trees
425	3.3	N.S	Undiff. smooth grass.: no rock, trees	Undiff. bracken: no rock, no trees
426	2.0	N.S	Smooth grass/rushes: no rock, no trees	Undiff. smooth grass.: no rock, no trees
427	0.6	N.S	Imp. pasture: no rock, no farms, trees	Smooth grass/rushes: no rock, trees
428	1.7	N.S	Undiff. Nardus/Molinia: rock, no trees	Dry heather moor: rock, no burning, no trees
429	6.0	0.1	Undiff. Nardus/Molinia: rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
432	0.8	N.S	Undiff. smooth grass.: no rock, trees	Dry heather moor: no rock, no burning, trees
433	N.S	N.S	Undiff. smooth grass.: no rock, no trees	Undiff. bracken: rock, no trees
434	8.1	0.1	Undiff. smooth grass.: no rock, trees	Undiff. bracken: no rock, trees
435	0.1	N.S	Undiff. Nardus/Molinia: rock, trees	Blanket bog/peat. veg.: no erosion, no trees
436	14.4	0.2	Undiff. Nardus/Molinia: no rock, no trees	Blanket bog/peat. veg.: erosion, no trees
437	13.6	0.2	Undiff. heather moor: no rock, no burning, no trees	Smooth grass/rushes: no rock, no trees
438	140.7	1.8	Undiff. heather moor: no rock, burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
439	5.3	0.1	Undiff. smooth grass.: rock, no trees	Undiff. bracken: no rock, no trees
440	0.8	N.S	Smooth grass/low scrub: no rock, no trees	Undiff. bracken: no rock, no trees
441	0.9	N.S	Smooth grass/low scrub: no rock, trees	Undiff. bracken: no rock, no trees
442	39.8	0.5	Undiff. heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
443	19.4	0.3	Undiff. heather moor: no rock, burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
444	5.2	0.1	Undiff. Nardus/Molinia: no rock, no trees	Undiff. smooth grass.: no rock, no trees
448	6.6	0.1	Undiff. heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: rock, no trees
449	3.1	N.S	Blanket bog/peat. veg.: no erosion, no trees	Undiff. Nardus/Molinia: no rock, no trees
450	0.1	N.S	Undiff. smooth grass.: rock, no trees	Smooth grass/rushes: no rock, no trees
456	1.0	N.S	Dry heather moor: rock, no burning, trees	Undiff. smooth grass.: rock, trees
457	3.2	N.S	Undiff. smooth grass.: rock, trees	Undiff. bracken: rock, trees
458	0.6	N.S	Undiff. smooth grass.: no rock, trees	Smooth grass/rushes: no rock, trees
459	0.2	N.S	Undiff. mixed woodland (area)	Undiff. smooth grass.: no rock, trees
460	7.4	0.1	Dry heather moor: no rock, no burning, no trees	Undiff. bracken: no rock, no trees
461	0.2	N.S	Undiff. smooth grass.: no rock, no trees	Undiff. bracken: no rock, trees
462	1.2	N.S	Dry heather moor: no rock, burning, trees	Wet heather moor: no rock, burning, trees
463	15.3	0.2	Dry heather moor: no rock, burning, no trees	Wet heather moor: no rock, burning, no trees
464	0.3	N.S	Smooth grass/low scrub: no rock, no trees	Undiff. smooth grass.: no rock, no trees
466	16.9	0.2	Dry heather moor: no rock, burning, no trees	Undiff. smooth grass.: no rock, no trees
467	6.3	0.1	Dry heather moor: no rock, burning, no trees	Smooth grass/rushes: no rock, no trees
468	0.2	N.S	Dry heather moor: rock, no burning, trees	Undiff. smooth grass.: no rock, trees
469	5.4	0.1	Dry heather moor: rock, burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
470	3.1	N.S	Dry heather moor: rock, burning, no trees	Undiff. smooth grass.: rock, no trees
471	0.1	N.S	Imp. pasture: no rock, no farms, trees	Dry heather moor: no rock, no burning, trees
473	0.1	N.S	Dry heather moor: no rock, no burning, no trees	Smooth grass/low scrub: no rock, no trees
474	5.9	0.1	Blanket bog/peat. veg.: erosion, no trees	Undiff. Nardus/Molinia: no rock, no trees
475	3.6	N.S	Dry heather moor: no rock, no burning, no trees	Smooth grass/rushes: no rock, no trees
476	23.3	0.3	Dry heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
477	38.4	0.5	Undiff. heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: erosion, no trees

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Table 10.0.3 Total audit of land cover features in Tayside Region in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
485	1.7	N.S	Undiff. Nardus/Molinia: no rock, no trees	Wet heather moor: no rock, no burning, no trees
486	9.8	0.1	Dry heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
488	24.2	0.3	Dry heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: erosion, no trees
489	1.0	N.S	Smooth grass/low scrub: no rock, no trees	Dry heather moor: no rock, no burning, no trees
491	0.4	N.S	Dry heather moor: no rock, no burning, trees	Undiff. smooth grass.: no rock, trees
492	0.6	N.S	Undiff. smooth grass.: rock, no trees	Smooth grass/low scrub: rock, no trees
493	2.9	N.S	Undiff. smooth grass.: no rock, no trees	Smooth grass/low scrub: no rock, no trees
494	0.2	N.S	Undiff. Nardus/Molinia: rock, no trees	Undiff. heather moor: rock, no burning, no trees
503	3.8	N.S	Undiff. Nardus/Molinia: rock, no trees	Undiff. smooth grass.: rock, no trees
505	N.S	N.S	Smooth grass/low scrub: rock, no trees	Undiff. bracken: rock, no trees
506	1.5	N.S	Links area: grass	Links area: heath
507	2.0	N.S	Smooth grass/low scrub: no rock, no trees	Imp. pasture: no rock, no farms, no trees
509	N.S	N.S	Coniferous plantation (area)	Recently felled forestry
511	0.6	N.S	Undiff. heather moor: no rock, burning, trees	Undiff. Nardus/Molinia: no rock, no trees
513	0.3	N.S	Dry heather moor: no rock, no burning, trees	Undiff. bracken: no rock, trees
521	2.7	N.S	Wet heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
523	0.4	N.S	Smooth grass/rushes: no rock, no trees	Dry heather moor: no rock, no burning, no trees
524	9.5	0.1	Smooth grass/rushes: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
525	15.2	0.2	Blanket bog/peat. veg.: no erosion, no trees	Undiff. heather moor: no rock, burning, no trees
528	3.1	N.S	Undiff. smooth grass.: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
530	0.1	N.S	Undiff. smooth grass.: rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
532	6.0	0.1	Dry heather moor: no rock, burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
536	1.3	N.S	Dry heather moor: no rock, no burning, trees	Blanket bog/peat. veg.: no erosion, no trees
552	16.9	0.2	Dry heather moor: no rock, burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
564	17.9	0.2	Undiff. Nardus/Molinia: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
568	8.4	0.1	Dry heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: rock, no trees
571	0.1	N.S	Undiff. smooth grass.: rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
580	2.2	N.S	Undiff. heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: erosion, no trees
586	0.4	N.S	Smooth grass/rushes: no rock, no trees	Undiff. bracken: no rock, no trees
590	0.5	N.S	Smooth grass/low scrub: no rock, trees	Smooth grass/rushes: no rock, no trees
592	1.9	N.S	Undiff. Nardus/Molinia: no rock, no trees	Undiff. bracken: no rock, no trees
594	4.6	0.1	Golf course	Undiff. mixed woodland (line)
599	2.1	N.S	Blanket bog/peat. veg.: erosion, no trees	Undiff. montane veg.: rock
602	27.9	0.4	Blanket bog/peat. veg.: erosion, no trees	Undiff. montane veg.: no rock
603	79.9	1.0	Undiff. montane veg.: no rock	Blanket bog/peat. veg.: erosion, no trees
607	27.2	0.4	Undiff. montane veg.: rock	Blanket bog/peat. veg.: erosion, no trees
608	42.4	0.6	Undiff. montane veg.: rock	Blanket bog/peat. veg.: no erosion, no trees
609	1.3	N.S	Golf course	Coniferous plantation (point)
610	2.3	N.S	Golf course	Undiff. mixed woodland (point)
613	0.4	N.S	Golf course	Coniferous plantation (area)
620	63.6	0.8	Undiff. montane veg.: no rock	Blanket bog/peat. veg.: no erosion, no trees
627	0.3	N.S	Blanket bog/peat. veg.: no erosion, no trees	Undiff. montane veg.: no rock
630	0.2	N.S	Dry heather moor: no rock, no burning, trees	Smooth grass/low scrub: no rock, trees
631	15.4	0.2	Undiff. smooth grass.: no rock, no trees	Dry heather moor: no rock, no burning, no trees
640	1.8	N.S	Undiff. heather moor: no rock, no burning, no trees	Undiff. montane veg.: no rock
647	0.3	N.S	Undiff. salt marsh: no trees	Wetlands: no drains, trees
648	0.2	N.S	Wetlands: no drains, trees	Undiff. salt marsh: no trees
649	0.1	N.S	Undiff. bracken: no rock, trees	Recent ploughing for forestry
650	11.2	0.1	Dry heather moor: no rock, burning, no trees	Blanket bog/peat. veg.: erosion, no trees
651	0.8	N.S	Undiff. smooth grass.: no rock, trees	Smooth grass/rushes: no rock, no trees

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Table 10.0.3 Total audit of land cover features in Tayside Region in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
652	0.5	N.S	Imp. pasture: no rock, no farms, no trees	Smooth grass/low scrub: no rock, trees
663	0.3	N.S	Coniferous plantation (area)	Undiff. smooth grass.: no rock, no trees
672	0.4	N.S	Golf course	Undiff. broadleaved (line)
678	0.3	N.S	Imp. pasture: no rock, no farms, trees	Smooth grass/rushes: no rock, no trees
679	0.3	N.S	Golf course	Undiff. broadleaved (point)
695	33.0	0.4	Undiff. heather moor: no rock, burning, no trees	Smooth grass/rushes: no rock, no trees
709	0.2	N.S	Smooth grass/rushes: no rock, no trees	Smooth grass/low scrub: no rock, trees
728	36.9	0.5	Blanket bog/peat. veg.: erosion, no trees	Dry heather moor: no rock, no burning, no trees
729	0.9	N.S	Undiff. smooth grass.: no rock, no trees	Dry heather moor: no rock, burning, no trees
730	11.3	0.1	Blanket bog/peat. veg.: erosion, no trees	Dry heather moor: no rock, burning, no trees
731	0.2	N.S	Dry heather moor: no rock, no burning, no trees	Smooth grass/low scrub: no rock, trees
732	0.1	N.S	Smooth grass/rushes: no rock, no trees	Blanket bog/peat. veg.: no erosion, trees
733	0.2	N.S	Undiff. mixed woodland (area)	Dry heather moor: no rock, no burning, trees
736	37.8	0.5	Blanket bog/peat. veg.: erosion, no trees	Undiff. heather moor: no rock, no burning, no trees
741	0.9	N.S	Undiff. heather moor: no rock, no burning, trees	Undiff. Nardus/Molinia: no rock, trees
743	0.3	N.S	Undiff. Nardus/Molinia: rock, no trees	Blanket bog/peat. veg.: erosion, no trees
750	0.1	N.S	Blanket bog/peat. veg.: no erosion, trees	Smooth grass/rushes: no rock, trees
751	0.2	N.S	Undiff. broadleaved (area)	Undiff. smooth grass.: no rock, no trees
752	0.2	N.S	Dry heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, trees
753	0.1	N.S	Dry heather moor: rock, no burning, no trees	Smooth grass/low scrub: no rock, trees
754	0.8	N.S	Undiff. heather moor: rock, burning, no trees	Smooth grass/rushes: no rock, no trees
755	7.4	0.1	Undiff. smooth grass.: rock, no trees	Dry heather moor: no rock, no burning, no trees
756	0.6	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. smooth grass.: no rock, trees
759	0.7	N.S	Undiff. smooth grass.: rock, trees	Smooth grass/rushes: no rock, no trees
760	0.2	N.S	Dry heather moor: no rock, no burning, trees	Undiff. smooth grass.: no rock, no trees
762	3.0	N.S	Undiff. Nardus/Molinia: no rock, no trees	Dry heather moor: no rock, no burning, no trees
763	0.2	N.S	Undiff. smooth grass.: no rock, no trees	Recent ploughing for forestry
767	0.1	N.S	Undiff. Nardus/Molinia: no rock, no trees	Rock and cliffs (area)
779	0.2	N.S	Dry heather moor: rock, no burning, no trees	Rock and cliffs (area)
780	2.5	N.S	Undiff. montane veg.: no rock	Rock and cliffs (area)
792	0.3	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. smooth grass.: rock, trees
798	N.S	N.S	Smooth grass/low scrub: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
819	0.5	N.S	Smooth grass/rushes: no rock, no trees	Wetlands: drains, no trees
835	0.1	N.S	Undiff. smooth grass.: rock, trees	Undiff. bracken: rock, no trees
843	0.1	N.S	Dry heather moor: rock, burning, no trees	Undiff. bracken: rock, no trees
844	1.9	N.S	Dry heather moor: no rock, burning, no trees	Undiff. bracken: no rock, no trees
845	5.4	0.1	Dry heather moor: rock, no burning, no trees	Undiff. bracken: no rock, no trees
847	0.1	N.S	Dry heather moor: no rock, burning, no trees	Undiff. bracken: no rock, trees
848	2.9	N.S	Blanket bog/peat. veg.: erosion, no trees	Undiff. heather moor: no rock, burning, no trees
857	0.2	N.S	Undiff. heather moor: no rock, no burning, no trees	Smooth grass/low scrub: no rock, trees
860	0.1	N.S	Undiff. heather moor: no rock, burning, no trees	Blanket bog/peat. veg.: erosion, no trees
873	1.1	N.S	Undiff. montane veg.: rock	Undiff. heather moor: rock, no burning, no trees
890	1.4	N.S	Undiff. montane veg.: no rock	Undiff. heather moor: no rock, no burning, no trees
891	1.8	N.S	Undiff. montane veg.: rock	Undiff. heather moor: no rock, no burning, no trees
892	9.6	0.1	Dry heather moor: no rock, no burning, no trees	Undiff. montane veg.: no rock
893	13.8	0.2	Undiff. montane veg.: no rock	Dry heather moor: no rock, no burning, no trees
896	30.3	0.4	Undiff. montane veg.: rock	Dry heather moor: rock, no burning, no trees
898	1.9	N.S	Golf course	Smooth grass/low scrub: no rock, trees
904	4.9	0.1	Dry heather moor: rock, no burning, no trees	Undiff. montane veg.: rock
905	1.5	N.S	Undiff. heather moor: no rock, no burning, no trees	Undiff. montane veg.: rock

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Table 10.0.3 Total audit of land cover features in Tayside Region in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
912	0.6	N.S	Undiff. heather moor: rock, no burning, no trees	Undiff. montane veg.: rock
916	1.8	N.S	Dry heather moor: no rock, no burning, no trees	Undiff. heather moor: no rock, no burning, no trees
917	0.4	N.S	Undiff. Nardus/Molinia: no rock, no trees	Undiff. montane veg.: no rock
920	0.8	N.S	Dry heather moor: no rock, burning, no trees	Undiff. montane veg.: no rock
921	5.2	0.1	Undiff. montane veg.: rock	Dry heather moor: no rock, no burning, no trees
922	0.2	N.S	Dry heather moor: no rock, burning, trees	Undiff. smooth grass.: rock, no trees
923	0.5	N.S	Undiff. heather moor: rock, no burning, no trees	Undiff. bracken: no rock, no trees
924	1.0	N.S	Undiff. heather moor: rock, burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
925	0.3	N.S	Undiff. Nardus/Molinia: no rock, trees	Undiff. heather moor: no rock, no burning, trees
933	3.7	N.S	Undiff. heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
948	0.8	N.S	Dry heather moor: no rock, no burning, no trees	Undiff. montane veg.: rock
950	0.1	N.S	Dry heather moor: no rock, no burning, trees	Undiff. Nardus/Molinia: no rock, trees
953	0.1	N.S	Undiff. smooth grass.: no rock, no trees	Blanket bog/peat. veg.: erosion, no trees
956	3.6	N.S	Dry heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
973	0.2	N.S	Wet heather moor: no rock, burning, no trees	Smooth grass/rushes: no rock, no trees
974	0.7	N.S	Smooth grass/rushes: no rock, no trees	Undiff. heather moor: no rock, burning, no trees
975	1.7	N.S	Blanket bog/peat. veg.: no erosion, no trees	Dry heather moor: no rock, no burning, no trees
978	0.6	N.S	Dry heather moor: no rock, burning, no trees	Undiff. smooth grass.: no rock, trees
979	0.2	N.S	Imp. pasture: no rock, no farms, no trees	Smooth grass/rushes: no rock, trees
980	0.1	N.S	Imp. pasture: no rock, no farms, no trees	Dry heather moor: no rock, no burning, no trees
981	0.1	N.S	Undiff. heather moor: no rock, burning, no trees	Smooth grass/rushes: rock, no trees
983	0.1	N.S	Dry heather moor: no rock, no burning, trees	Undiff. bracken: no rock, no trees
985	0.3	N.S	Undiff. montane veg.: rock	Rock and cliffs (area)
986	1.6	N.S	Dry heather moor: no rock, no burning, trees	Wet heather moor: no rock, no burning, trees
987	0.4	N.S	Dry heather moor: no rock, no burning, trees	Undiff. heather moor: no rock, no burning, no trees
988	1.2	N.S	Dry heather moor: no rock, burning, trees	Blanket bog/peat. veg.: no erosion, no trees
989	1.1	N.S	Dry heather moor: rock, no burning, no trees	Undiff. heather moor: no rock, no burning, no trees
990	0.7	N.S	Dry heather moor: rock, no burning, no trees	Undiff. heather moor: rock, no burning, no trees
991	0.4	N.S	Dry heather moor: rock, burning, trees	Wet heather moor: no rock, no burning, trees
993	0.2	N.S	Coniferous plantation (area)	Undiff. heather moor: no rock, no burning, no trees
994	1.1	N.S	Dry heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: erosion, no trees
995	0.5	N.S	Undiff. smooth grass.: rock, no trees	Undiff. heather moor: no rock, no burning, no trees
997	0.3	N.S	Blanket bog/peat. veg.: erosion, no trees	Dry heather moor: rock, no burning, no trees
1016	1.9	N.S	Dry heather moor: rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
1017	1.5	N.S	Undiff. heather moor: no rock, burning, no trees	Undiff. montane veg.: no rock
1023	1.4	N.S	Undiff. montane veg.: no rock	Dry heather moor: no rock, burning, no trees
1028	0.6	N.S	Undiff. bracken: no rock, trees	Undiff. smooth grass.: no rock, trees
1035	0.4	N.S	Coniferous plantation (area)	Dry heather moor: no rock, no burning, no trees
1036	0.3	N.S	Undiff. mixed woodland (area)	Undiff. smooth grass.: no rock, no trees
1037	0.2	N.S	Open canopy (young plantation)	Undiff. smooth grass.: rock, no trees
1038	0.6	N.S	Dry heather moor: no rock, no burning, trees	Undiff. smooth grass.: rock, no trees
1039	0.2	N.S	Dry heather moor: rock, no burning, no trees	Coniferous plantation (area)
1040	3.3	N.S	Dry heather moor: rock, no burning, no trees	Undiff. montane veg.: no rock
1041	0.3	N.S	Dry heather moor: rock, burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
1042	1.9	N.S	Dry heather moor: rock, burning, no trees	Undiff. smooth grass.: no rock, no trees
1043	2.3	N.S	Dry heather moor: rock, burning, no trees	Undiff. montane veg.: no rock
1058	0.1	N.S	Undiff. smooth grass.: no rock, no trees	Undiff. heather moor: no rock, burning, no trees
1066	0.5	N.S	Smooth grass/rushes: rock, no trees	Undiff. heather moor: no rock, no burning, no trees
1067	0.4	N.S	Undiff. montane veg.: rock	Undiff. Nardus/Molinia: rock, no trees
1068	0.5	N.S	Undiff. montane veg.: no rock	Dry heather moor: rock, no burning, no trees

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Table 10.0.3 Total audit of land cover features in Tayside Region in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
1073	0.1	N.S	Undiff. heather moor: no rock, no burning, trees	Blanket bog/peat. veg.: no erosion, no trees
1084	0.6	N.S	Dry heather moor: rock, burning, no trees	Blanket bog/peat. veg.: erosion, no trees
1243	0.3	N.S	Undiff. Nardus/Molinia: rock, no trees	Rock and cliffs (area)
1333	0.3	N.S	Dry heather moor: rock, no burning, no trees	Undiff. smooth grass.: rock, trees
1346	0.3	N.S	Undiff. Nardus/Molinia: no rock, trees	Blanket bog/peat. veg.: no erosion, no trees
1374	0.4	N.S	Undiff. Nardus/Molinia: no rock, trees	Undiff. bracken: no rock, trees
1385	0.1	N.S	Blanket bog/peat. veg.: erosion, no trees	Wetlands: no drains, no trees
1386	0.1	N.S	Undiff. montane veg.: no rock	Undiff. smooth grass.: no rock, no trees
1388	0.6	N.S	Undiff. heather moor: no rock, no burning, trees	Coniferous semi-natural (area)
1389	1.0	N.S	Undiff. Nardus/Molinia: no rock, trees	Coniferous semi-natural (area)
1391	0.2	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. bracken: rock, no trees
1392	0.2	N.S	Undiff. heather moor: rock, burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
1396	0.3	N.S	Undiff. heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, trees
1397	0.4	N.S	Undiff. Nardus/Molinia: no rock, trees	Blanket bog/peat. veg.: no erosion, trees
1403	1.2	N.S	Blanket bog/peat. veg.: no erosion, no trees	Undiff. heather moor: no rock, no burning, trees
1487	0.7	N.S	Wet heather moor: no rock, burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
TOTAL	7646.4	100.0		

Cover types		single feature		features in mosaics	
		area	%	primary	secondary
Open countryside					
A	Arable	783.3	38.5	0	0
B	Improved grassland	117.2	5.8	26.9	5.3
C	Good rough grassland	58.2	2.9	64.7	126.4
D	Poor rough grassland	N.S	N.S	1.5	31.2
E	Bracken	0.2	N.S	0	3.0
F	Heather moorland	329.1	16.2	214.5	119.9
G	Peatland	91.2	4.5	85.5	89.8
H	Montane	2.6	0.1	6.0	24.6
I	Rock and cliffs	2.6	0.1	0	0
Woodland					
J	Felled woodland	10.7	0.5	0	N.S
K	Recent planting	15.8	0.8	0	0
L	Coniferous plantation	103.8	5.1	0.6	1.1
M	Semi-natural coniferous	0	0	0	0
N	Mixed woodland	31.6	1.6	0.2	3.2
O	Broadleaved	24.9	1.2	0.2	0
P	Scrub	0.1	N.S	0	0
Wet ground					
Q	Fresh waters	9.8	0.5	0	0
R	Marshes	1.1	0.1	0	0
S	Saltmarshes	0.3	N.S	0	0
T	Dunes	8.1	0.4	1.5	1.5
U	Tidal waters	0.1	N.S	0	0
Developed					
V	Rural development	7.2	0.4	4.3	0
W	Urban	29.8	1.5	0	0
Other					
X	Missing photography/obscured land	0.3	N.S	0	0
SUBTOTAL		1628.1	80.0		
Y	Mosaics of types above	406.0	20.0	406.0	406.0
DISTRICT TOTAL		2034.1	100.0		

Nationally significant mosaics			area	%
FG	Heather moorland	Peatland	151.1	7.4
DF	Poor rough grassland	Heather moorland	25.6	1.3
CF	Good rough grassland	Heather moorland	139.0	6.8
GH	Peatland	Montane	12.7	0.6
CD	Good rough grassland	Poor rough grassland	1.9	0.1
BC	Improved grassland	Good rough grassland	32.1	1.6
CE	Good rough grassland	Bracken	3.0	0.1
DG	Poor rough grassland	Peatland	5.2	0.3
FH	Heather moorland	Montane	17.9	0.9
SUBTOTAL			388.4	19.1
Locally significant mosaics			area	%
CG	Good rough grassland	Peatland	6.3	0.3
NV	Mixed woodland	Rural development	3.2	0.2
LV	Coniferous plantation	Rural development	1.1	0.1
FL	Heather moorland	Coniferous plantation	0.5	N.S
CO	Good rough grassland	Broadleaved	0.2	N.S
SUBTOTAL			11.3	0.6
Remaining mosaics			6.3	0.3
MOSAICS OF SUMMARY COVER TYPES			406.0	20.0

Table 10.1.1
Angus District
Land cover summary
categories

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not match the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05. Please refer to Figure 6.2 for guidance in the interpretation of this table.

Table 10.1.2 Total audit of land cover features in Angus District in which all mosaics are allocated according to primary or secondary feature.

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05 sq km. Please refer to Figure 6.3 for guidance in the interpretation of this table.

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
3	0.4	0	0	Factory
4	1.7	0	0	Airfield
5	2.3	4.3	0	Golf course
6	N.S	0	0	Cemeteries
7	0.7	0	0	Recreational land
10	2.6	0	0	Rock and cliffs (area)
12	2.0	0	0	Quarries and opencast (area)
14	0.1	0	0	Bings and refuse tips (area)
18	9.8	0	0	Water (area)
20	29.8	0	0	Built-up (area)
24	0.1	0	0	Estuary
70	103.8	0.6	0.4	Coniferous plantation (area)
72	0	0	0.7	Coniferous plantation (point)
76	24.8	0.2	0	Undiff. broadleaved (area)
78	N.S	0	0	Undiff. broadleaved (point)
79	31.5	0.2	0	Undiff. mixed woodland (area)
80	0.1	0	1.8	Undiff. mixed woodland (line)
81	0	0	1.4	Undiff. mixed woodland (point)
82	0.1	0	0	Undiff. low scrub
83	8.7	0	0	Recent ploughing for forestry
84	10.7	0	N.S	Recently felled forestry
85	7.1	0	0	Open canopy (young plantation)
90	108.2	26.9	5.3	Imp. pasture: no rock, no farms, no trees
91	8.6	N.S	0	Imp. pasture: no rock, no farms, trees
94	0.4	0	0	Imp. pasture: rock, no farms, no trees
95	0.1	0	0	Imp. pasture: rock, no farms, trees
100	782.1	0	0	Arable: no rock, no farms, no trees
102	0.3	0	0	Arable: no rock, farms, no trees
104	0.9	0	0	Arable: rock, no farms, no trees
110	30.4	60.8	52.3	Dry heather moor: no rock, no burning, no trees
111	1.8	0.4	0.9	Dry heather moor: no rock, no burning, trees
112	239.0	27.0	12.2	Dry heather moor: no rock, burning, no trees
113	0.5	0	0	Dry heather moor: no rock, burning, trees
114	18.0	36.8	8.5	Dry heather moor: rock, no burning, no trees
115	0.7	0	0	Dry heather moor: rock, no burning, trees
116	26.4	3.1	0	Dry heather moor: rock, burning, no trees
120	0	2.8	5.2	Wet heather moor: no rock, no burning, no trees
122	0	0.2	0	Wet heather moor: no rock, burning, no trees
130	8.8	36.0	28.0	Undiff. heather moor: no rock, no burning, no trees
131	0.1	0	0.3	Undiff. heather moor: no rock, no burning, trees
132	2.9	43.0	12.5	Undiff. heather moor: no rock, burning, no trees
133	0.5	0.6	0	Undiff. heather moor: no rock, burning, trees
134	0	3.6	0	Undiff. heather moor: rock, no burning, no trees
136	0	0.4	0	Undiff. heather moor: rock, burning, no trees

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Table 10.1.2 Total audit of land cover features in Angus District in which all mosaics are allocated according to primary or secondary feature (continued).

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
140	N.S	1.5	24.6	Undiff. Nardus/Molinia: no rock, no trees
142	0	0	6.6	Undiff. Nardus/Molinia: rock, no trees
150	8.9	29.2	61.1	Smooth grass/rushes: no rock, no trees
151	0.3	0.6	0.3	Smooth grass/rushes: no rock, trees
152	0	0	0.1	Smooth grass/rushes: rock, no trees
155	5.8	3.5	1.2	Smooth grass/low scrub: no rock, no trees
156	8.1	0.3	1.3	Smooth grass/low scrub: no rock, trees
157	0.4	0	0	Smooth grass/low scrub: rock, no trees
158	0.1	0	0	Smooth grass/low scrub: rock, trees
159	0.2	0	0	invalid code
160	24.9	20.6	37.7	Undiff. smooth grass.: no rock, no trees
161	6.4	1.9	1.0	Undiff. smooth grass.: no rock, trees
162	3.3	8.6	23.7	Undiff. smooth grass.: rock, no trees
169	0.1	0	0	invalid code
170	0.2	0	2.1	Undiff. bracken: no rock, no trees
171	0	0	0.9	Undiff. bracken: no rock, trees
180	82.4	62.4	39.5	Blanket bog/peat. veg.: erosion, no trees
182	8.1	23.0	50.2	Blanket bog/peat. veg.: no erosion, no trees
183	0.7	0.1	0.1	Blanket bog/peat. veg.: no erosion, trees
190	0.3	0	0	Undiff. salt marsh: no trees
200	0.1	0	0	Wetlands: no drains, no trees
201	0.3	0	0	Wetlands: drains, no trees
202	0.7	0	0	Wetlands: no drains, trees
203	0.1	0	0	Wetlands: drains, trees
210	0.5	0	0	Bare dunes
211	2.4	0	0	Partially stabilized dunes
212	5.2	1.5	0	Links area: grass
213	0.1	0	1.5	Links area: heath
222	0.2	1.4	4.2	Undiff. montane veg.: rock
223	2.4	4.6	20.4	Undiff. montane veg.: no rock
TOTAL	1628.1	406.0	406.0	

Table 10.1.3 Total audit of land cover features in Angus District in which all mosaics are separately identified.

All areas are expressed in square kilometres to 1 decimal place; all percentages are expressed as % of the total area; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05

code	area	%	description
3	0.4	N.S	Factory
4	1.7	0.1	Airfield
5	2.3	0.1	Golf course
6	N.S	N.S	Cemeteries
7	0.7	N.S	Recreational land

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Table 10.1.3 Total audit of land cover features in Angus District in which all mosaics are separately identified (continued).

code	area	%	description
10	2.6	0.1	Rock and cliffs (area)
12	2.0	0.1	Quarries and opencast (area)
14	0.1	N.S	Bings and refuse tips (area)
18	9.8	0.5	Water (area)
20	29.8	1.5	Built-up (area)
24	0.1	N.S	Estuary
70	103.8	5.1	Coniferous plantation (area)
76	24.8	1.2	Undiff. broadleaved (area)
78	N.S	N.S	Undiff. broadleaved (point)
79	31.5	1.5	Undiff. mixed woodland (area)
80	0.1	N.S	Undiff. mixed woodland (line)
82	0.1	N.S	Undiff. low scrub
83	8.7	0.4	Recent ploughing for forestry
84	10.7	0.5	Recently felled forestry
85	7.1	0.3	Open canopy (young plantation)
90	108.2	5.3	Imp. pasture: no rock, no farms, no trees
91	8.6	0.4	Imp. pasture: no rock, no farms, trees
94	0.4	N.S	Imp. pasture: rock, no farms, no trees
95	0.1	N.S	Imp. pasture: rock, no farms, trees
100	782.1	38.5	Arable: no rock, no farms, no trees
102	0.3	N.S	Arable: no rock, farms, no trees
104	0.9	N.S	Arable: rock, no farms, no trees
110	30.4	1.5	Dry heather moor: no rock, no burning, no trees
111	1.8	0.1	Dry heather moor: no rock, no burning, trees
112	239.0	11.7	Dry heather moor: no rock, burning, no trees
113	0.5	N.S	Dry heather moor: no rock, burning, trees
114	18.0	0.9	Dry heather moor: rock, no burning, no trees
115	0.7	N.S	Dry heather moor: rock, no burning, trees
116	26.4	1.3	Dry heather moor: rock, burning, no trees
130	8.8	0.4	Undiff. heather moor: no rock, no burning, no trees
131	0.1	N.S	Undiff. heather moor: no rock, no burning, trees
132	2.9	0.1	Undiff. heather moor: no rock, burning, no trees
133	0.5	N.S	Undiff. heather moor: no rock, burning, trees
140	N.S	N.S	Undiff. Nardus/Molinia: no rock, no trees
150	8.9	0.4	Smooth grass/rushes: no rock, no trees
151	0.3	N.S	Smooth grass/rushes: no rock, trees
155	5.8	0.3	Smooth grass/low scrub: no rock, no trees
156	8.1	0.4	Smooth grass/low scrub: no rock, trees
157	0.4	N.S	Smooth grass/low scrub: rock, no trees
158	0.1	N.S	Smooth grass/low scrub: rock, trees
159	0.2	N.S	invalid code
160	24.9	1.2	Undiff. smooth grass.: no rock, no trees
161	6.4	0.3	Undiff. smooth grass.: no rock, trees
162	3.3	0.2	Undiff. smooth grass.: rock, no trees
169	0.1	N.S	invalid code
170	0.2	N.S	Undiff. bracken: no rock, no trees
180	82.4	4.1	Blanket bog/peat. veg.: erosion, no trees
182	8.1	0.4	Blanket bog/peat. veg.: no erosion, no trees
183	0.7	N.S	Blanket bog/peat. veg.: no erosion, trees
190	0.3	N.S	Undiff. salt marsh: no trees

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Table 10.1.3 Total audit of land cover features in Angus District in which all mosaics are separately identified (continued).

code	area	%	description	
200	0.1	N.S	Wetlands: no drains, no trees	
201	0.3	N.S	Wetlands: drains, no trees	
202	0.7	N.S	Wetlands: no drains, trees	
203	0.1	N.S	Wetlands: drains, trees	
210	0.5	N.S	Bare dunes	
211	2.4	0.1	Partially stabilized dunes	
212	5.2	0.3	Links area: grass	
213	0.1	N.S	Links area: heath	
222	0.2	N.S	Undiff. montane veg.: rock	
223	2.4	0.1	Undiff. montane veg.: no rock	
code	area	%	primary feature	secondary feature
301	7.8	0.4	Undiff. smooth grass.: rock, no trees	Dry heather moor: rock, no burning, no trees
326	22.0	1.1	Dry heather moor: rock, no burning, no trees	Undiff. smooth grass.: rock, no trees
351	5.2	0.3	Smooth grass/rushes: no rock, no trees	Wet heather moor: no rock, no burning, no trees
352	2.8	0.1	Wet heather moor: no rock, no burning, no trees	Smooth grass/rushes: no rock, no trees
353	15.3	0.8	Imp. pasture: no rock, no farms, no trees	Smooth grass/rushes: no rock, no trees
355	5.5	0.3	Blanket bog/peat. veg.: no erosion, no trees	Smooth grass/rushes: no rock, no trees
356	1.7	0.1	Undiff. smooth grass.: no rock, no trees	Smooth grass/rushes: no rock, no trees
360	0.7	N.S	Undiff. heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
374	13.3	0.7	Undiff. heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
382	3.3	0.2	Blanket bog/peat. veg.: no erosion, no trees	Undiff. heather moor: no rock, no burning, no trees
385	5.9	0.3	Undiff. heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
387	0.2	N.S	Smooth grass/low scrub: no rock, no trees	Smooth grass/rushes: no rock, no trees
389	6.7	0.3	Dry heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
390	10.7	0.5	Imp. pasture: no rock, no farms, no trees	Undiff. smooth grass.: no rock, no trees
395	0.7	N.S	Smooth grass/rushes: no rock, no trees	Smooth grass/low scrub: no rock, no trees
399	1.9	0.1	Smooth grass/rushes: no rock, no trees	Imp. pasture: no rock, no farms, no trees
400	3.7	0.2	Undiff. smooth grass.: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
402	0.6	N.S	Smooth grass/rushes: no rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
404	0.3	N.S	Smooth grass/low scrub: no rock, trees	Undiff. heather moor: no rock, no burning, trees
405	0.4	N.S	Undiff. smooth grass.: no rock, trees	Imp. pasture: no rock, no farms, no trees
406	17.8	0.9	Smooth grass/rushes: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
407	4.3	0.2	Undiff. heather moor: no rock, burning, no trees	Undiff. smooth grass.: no rock, no trees
409	0.4	N.S	Imp. pasture: no rock, no farms, no trees	Smooth grass/low scrub: no rock, no trees
410	1.0	0.1	Undiff. smooth grass.: no rock, no trees	Imp. pasture: no rock, no farms, no trees
413	0.6	N.S	Smooth grass/rushes: no rock, trees	Smooth grass/low scrub: no rock, trees
414	0.7	N.S	Undiff. Nardus/Molinia: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
415	1.7	0.1	Undiff. smooth grass.: no rock, no trees	Undiff. bracken: no rock, no trees
416	0.1	N.S	Undiff. Nardus/Molinia: no rock, no trees	Smooth grass/rushes: no rock, no trees
421	1.2	0.1	Undiff. smooth grass.: no rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
426	0.8	N.S	Smooth grass/rushes: no rock, no trees	Undiff. smooth grass.: no rock, no trees
427	N.S	N.S	Imp. pasture: no rock, no farms, trees	Smooth grass/rushes: no rock, trees
432	0.6	N.S	Undiff. smooth grass.: no rock, trees	Dry heather moor: no rock, no burning, trees
434	0.9	N.S	Undiff. smooth grass.: no rock, trees	Undiff. bracken: no rock, trees
436	0.7	N.S	Undiff. Nardus/Molinia: no rock, no trees	Blanket bog/peat. veg.: erosion, no trees
437	8.2	0.4	Undiff. heather moor: no rock, no burning, no trees	Smooth grass/rushes: no rock, no trees
438	9.5	0.5	Undiff. heather moor: no rock, burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
440	0.3	N.S	Smooth grass/low scrub: no rock, no trees	Undiff. bracken: no rock, no trees
442	7.2	0.4	Undiff. heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees

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Table 10.1.3 Total audit of land cover features in Angus District in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
443	4.1	0.2	Undiff. heather moor: no rock, burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
448	0.7	N.S	Undiff. heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: rock, no trees
449	1.9	0.1	Blanket bog/peat. veg.: no erosion, no trees	Undiff. Nardus/Molinia: no rock, no trees
466	8.7	0.4	Dry heather moor: no rock, burning, no trees	Undiff. smooth grass.: no rock, no trees
467	1.4	0.1	Dry heather moor: no rock, burning, no trees	Smooth grass/rushes: no rock, no trees
470	1.6	0.1	Dry heather moor: rock, burning, no trees	Undiff. smooth grass.: rock, no trees
473	0.1	N.S	Dry heather moor: no rock, no burning, no trees	Smooth grass/low scrub: no rock, no trees
474	1.9	0.1	Blanket bog/peat. veg.: erosion, no trees	Undiff. Nardus/Molinia: no rock, no trees
475	0.3	N.S	Dry heather moor: no rock, no burning, no trees	Smooth grass/rushes: no rock, no trees
476	18.7	0.9	Dry heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
477	1.4	0.1	Undiff. heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: erosion, no trees
486	2.6	0.1	Dry heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
488	23.4	1.2	Dry heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: erosion, no trees
489	1.0	N.S	Smooth grass/low scrub: no rock, no trees	Dry heather moor: no rock, no burning, no trees
491	0.1	N.S	Dry heather moor: no rock, no burning, trees	Undiff. smooth grass.: no rock, trees
506	1.5	0.1	Links area: grass	Links area: heath
507	2.0	0.1	Smooth grass/low scrub: no rock, no trees	Imp. pasture: no rock, no farms, no trees
509	N.S	N.S	Coniferous plantation (area)	Recently felled forestry
511	0.6	N.S	Undiff. heather moor: no rock, burning, trees	Undiff. Nardus/Molinia: no rock, no trees
523	0.4	N.S	Smooth grass/rushes: no rock, no trees	Dry heather moor: no rock, no burning, no trees
524	0.7	N.S	Smooth grass/rushes: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
525	10.9	0.5	Blanket bog/peat. veg.: no erosion, no trees	Undiff. heather moor: no rock, burning, no trees
532	0.4	N.S	Dry heather moor: no rock, burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
552	6.7	0.3	Dry heather moor: no rock, burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
568	5.9	0.3	Dry heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: rock, no trees
586	0.1	N.S	Smooth grass/rushes: no rock, no trees	Undiff. bracken: no rock, no trees
590	0.1	N.S	Smooth grass/low scrub: no rock, trees	Smooth grass/rushes: no rock, no trees
594	1.8	0.1	Golf course	Undiff. mixed woodland (line)
602	9.5	0.5	Blanket bog/peat. veg.: erosion, no trees	Undiff. montane veg.: no rock
603	2.8	0.1	Undiff. montane veg.: no rock	Blanket bog/peat. veg.: erosion, no trees
607	0.4	N.S	Undiff. montane veg.: rock	Blanket bog/peat. veg.: erosion, no trees
609	0.7	N.S	Golf course	Coniferous plantation (point)
610	1.4	0.1	Golf course	Undiff. mixed woodland (point)
613	0.4	N.S	Golf course	Coniferous plantation (area)
630	0.2	N.S	Dry heather moor: no rock, no burning, trees	Smooth grass/low scrub: no rock, trees
631	10.4	0.5	Undiff. smooth grass.: no rock, no trees	Dry heather moor: no rock, no burning, no trees
650	9.1	0.4	Dry heather moor: no rock, burning, no trees	Blanket bog/peat. veg.: erosion, no trees
695	25.0	1.2	Undiff. heather moor: no rock, burning, no trees	Smooth grass/rushes: no rock, no trees
709	0.2	N.S	Smooth grass/rushes: no rock, no trees	Smooth grass/low scrub: no rock, trees
728	35.8	1.8	Blanket bog/peat. veg.: erosion, no trees	Dry heather moor: no rock, no burning, no trees
729	0.9	N.S	Undiff. smooth grass.: no rock, no trees	Dry heather moor: no rock, burning, no trees
730	11.3	0.6	Blanket bog/peat. veg.: erosion, no trees	Dry heather moor: no rock, burning, no trees
731	0.2	N.S	Dry heather moor: no rock, no burning, no trees	Smooth grass/low scrub: no rock, trees
732	0.1	N.S	Smooth grass/rushes: no rock, no trees	Blanket bog/peat. veg.: no erosion, trees
733	0.2	N.S	Undiff. mixed woodland (area)	Dry heather moor: no rock, no burning, trees
736	2.6	0.1	Blanket bog/peat. veg.: erosion, no trees	Undiff. heather moor: no rock, no burning, no trees
750	0.1	N.S	Blanket bog/peat. veg.: no erosion, trees	Smooth grass/rushes: no rock, trees
751	0.2	N.S	Undiff. broadleaved (area)	Undiff. smooth grass.: no rock, no trees
752	0.2	N.S	Dry heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, trees
753	0.1	N.S	Dry heather moor: rock, no burning, no trees	Smooth grass/low scrub: no rock, trees

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Table 10.1.3 Total audit of land cover features in Angus District in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
754	0.4	N.S	Undiff. heather moor: rock, burning, no trees	Smooth grass/rushes: no rock, no trees
755	0.4	N.S	Undiff. smooth grass.: rock, no trees	Dry heather moor: no rock, no burning, no trees
756	0.2	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. smooth grass.: no rock, trees
760	0.2	N.S	Dry heather moor: no rock, no burning, trees	Undiff. smooth grass.: no rock, no trees
798	N.S	N.S	Smooth grass/low scrub: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
848	1.0	N.S	Blanket bog/peat. veg.: erosion, no trees	Undiff. heather moor: no rock, burning, no trees
892	7.8	0.4	Dry heather moor: no rock, no burning, no trees	Undiff. montane veg.: no rock
893	1.8	0.1	Undiff. montane veg.: no rock	Dry heather moor: no rock, no burning, no trees
896	0.5	N.S	Undiff. montane veg.: rock	Dry heather moor: rock, no burning, no trees
904	3.4	0.2	Dry heather moor: rock, no burning, no trees	Undiff. montane veg.: rock
921	0.5	N.S	Undiff. montane veg.: rock	Dry heather moor: no rock, no burning, no trees
933	2.2	0.1	Undiff. heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
948	0.8	N.S	Dry heather moor: no rock, no burning, no trees	Undiff. montane veg.: rock
956	1.9	0.1	Dry heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
973	0.2	N.S	Wet heather moor: no rock, burning, no trees	Smooth grass/rushes: no rock, no trees
974	0.7	N.S	Smooth grass/rushes: no rock, no trees	Undiff. heather moor: no rock, burning, no trees
975	1.5	0.1	Blanket bog/peat. veg.: no erosion, no trees	Dry heather moor: no rock, no burning, no trees
978	0.6	N.S	Dry heather moor: no rock, burning, no trees	Undiff. smooth grass.: no rock, trees
979	0.2	N.S	Imp. pasture: no rock, no farms, no trees	Smooth grass/rushes: no rock, trees
980	0.1	N.S	Imp. pasture: no rock, no farms, no trees	Dry heather moor: no rock, no burning, no trees
981	0.1	N.S	Undiff. heather moor: no rock, burning, no trees	Smooth grass/rushes: rock, no trees
993	0.2	N.S	Coniferous plantation (area)	Undiff. heather moor: no rock, no burning, no trees
994	1.1	0.1	Dry heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: erosion, no trees
995	0.5	N.S	Undiff. smooth grass.: rock, no trees	Undiff. heather moor: no rock, no burning, no trees
997	0.3	N.S	Blanket bog/peat. veg.: erosion, no trees	Dry heather moor: rock, no burning, no trees
1016	0.1	N.S	Dry heather moor: rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
1035	0.4	N.S	Coniferous plantation (area)	Dry heather moor: no rock, no burning, no trees
1040	2.2	0.1	Dry heather moor: rock, no burning, no trees	Undiff. montane veg.: no rock
1043	0.9	N.S	Dry heather moor: rock, burning, no trees	Undiff. montane veg.: no rock
1084	0.6	N.S	Dry heather moor: rock, burning, no trees	Blanket bog/peat. veg.: erosion, no trees
TOTAL	2034.1	100.0		

Table 10.2.2 Total audit of land cover features in Dundee District in which all mosaics are allocated according to primary or secondary feature.

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S. = not significant = < 0.05 sq km. Please refer to Figure 6.3 for guidance in the interpretation of this table.

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
3	0.1	0	0	Factory
4	0.6	0	0	Airfield
5	0	1.7	0	Golf course
6	N.S	0	0	Cemeteries
7	0.7	0	0	Recreational land
10	N.S	0	0	Rock and cliffs (area)
12	0.9	0	0	Quarries and opencast (area)
14	0.5	0	0	Bings and refuse tips (area)
18	0.8	0	0	Water (area)
20	46.3	0	0	Built-up (area)
21	N.S	0	0	Transport features, road
70	6.1	0	0	Coniferous plantation (area)
72	N.S	0	0.6	Coniferous plantation (point)
76	2.1	0	0	Undiff. broadleaved (area)
78	N.S	0	0	Undiff. broadleaved (point)
79	3.1	0	0	Undiff. mixed woodland (area)
80	0	0	1.2	Undiff. mixed woodland (line)
83	1.1	0	0	Recent ploughing for forestry
84	0.6	0	0	Recently felled forestry
85	0.2	0	0	Open canopy (young plantation)
90	7.9	0.1	0	Imp. pasture: no rock, no farms, no trees
91	1.7	0.2	0	Imp. pasture: no rock, no farms, trees
94	0.4	0	0	Imp. pasture: rock, no farms, no trees
100	142.2	0	0	Arable: no rock, no farms, no trees
101	0.1	0	0	Arable: no rock, no farms, trees
102	0.7	0	0	Arable: no rock, farms, no trees
104	N.S	0	0	Arable: rock, no farms, no trees
110	N.S	0	0	Dry heather moor: no rock, no burning, no trees
111	0.9	0	0	Dry heather moor: no rock, no burning, trees
112	3.0	0	0	Dry heather moor: no rock, burning, no trees
113	N.S	0	0	Dry heather moor: no rock, burning, trees
116	1.1	0	0	Dry heather moor: rock, burning, no trees
130	1.3	0.4	0.5	Undiff. heather moor: no rock, no burning, no trees
131	0.1	1.0	0.3	Undiff. heather moor: no rock, no burning, trees
132	0	0.8	0	Undiff. heather moor: no rock, burning, no trees
134	0.6	0	0	Undiff. heather moor: rock, no burning, no trees
136	0.3	0	0	Undiff. heather moor: rock, burning, no trees
150	0.6	0	0.1	Smooth grass/rushes: no rock, no trees
151	0.1	0.1	0.2	Smooth grass/rushes: no rock, trees
152	N.S	0	0	Smooth grass/rushes: rock, no trees
155	1.9	0	0.1	Smooth grass/low scrub: no rock, no trees
156	1.6	0.3	0.1	Smooth grass/low scrub: no rock, trees
157	1.7	0	0	Smooth grass/low scrub: rock, no trees
158	0.3	0	0	Smooth grass/low scrub: rock, trees

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Table 10.2.2 Total audit of land cover features in Dundee District in which all mosaics are allocated according to primary or secondary feature (continued).

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
160	3.2	0.6	1.1	Undiff. smooth grass.: no rock, no trees
161	1.1	0	1.0	Undiff. smooth grass.: no rock, trees
162	1.5	0	0	Undiff. smooth grass.: rock, no trees
180	N.S	0	0	Blanket bog/peat. veg.: erosion, no trees
182	0.1	0	0	Blanket bog/peat. veg.: no erosion, no trees
190	0.3	0	0	Undiff. salt marsh: no trees
200	N.S	0	0	Wetlands: no drains, no trees
210	N.S	0	0	Bare dunes
211	N.S	0	0	Partially stabilized dunes
212	0.5	0	0	Links area: grass
TOTAL	236.3	5.1	5.1	

Table 10.2.3 Total audit of land cover features in Dundee District in which all mosaics are separately identified.

All areas are expressed in square kilometres to 1 decimal place; all percentages are expressed as % of the total area; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05

code	area	%	description
3	0.1	N.S	Factory
4	0.6	0.2	Airfield
6	N.S	N.S	Cemeteries
7	0.7	0.3	Recreational land
10	N.S	N.S	Rock and cliffs (area)
12	0.9	0.4	Quarries and opencast (area)
14	0.5	0.2	Bings and refuse tips (area)
18	0.8	0.3	Water (area)
20	46.3	19.2	Built-up (area)
21	N.S	N.S	Transport features, road
70	6.1	2.5	Coniferous plantation (area)
72	N.S	N.S	Coniferous plantation (point)
76	2.1	0.9	Undiff. broadleaved (area)
78	N.S	N.S	Undiff. broadleaved (point)
79	3.1	1.3	Undiff. mixed woodland (area)
83	1.1	0.4	Recent ploughing for forestry
84	0.6	0.3	Recently felled forestry
85	0.2	0.1	Open canopy (young plantation)
90	7.9	3.3	Imp. pasture: no rock, no farms, no trees
91	1.7	0.7	Imp. pasture: no rock, no farms, trees
94	0.4	0.2	Imp. pasture: rock, no farms, no trees
100	142.2	58.9	Arable: no rock, no farms, no trees
101	0.1	N.S	Arable: no rock, no farms, trees
102	0.7	0.3	Arable: no rock, farms, no trees
104	N.S	N.S	Arable: rock, no farms, no trees
110	N.S	N.S	Dry heather moor: no rock, no burning, no trees

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Table 10.2.3 Total audit of land cover features in Dundee District in which all mosaics are separately identified (continued).

code	area	%	description	
111	0.9	0.4	Dry heather moor: no rock, no burning, trees	
112	3.0	1.3	Dry heather moor: no rock, burning, no trees	
113	N.S	N.S	Dry heather moor: no rock, burning, trees	
116	1.1	0.5	Dry heather moor: rock, burning, no trees	
130	1.3	0.5	Undiff. heather moor: no rock, no burning, no trees	
131	0.1	N.S	Undiff. heather moor: no rock, no burning, trees	
134	0.6	0.3	Undiff. heather moor: rock, no burning, no trees	
136	0.3	0.1	Undiff. heather moor: rock, burning, no trees	
150	0.6	0.2	Smooth grass/rushes: no rock, no trees	
151	0.1	N.S	Smooth grass/rushes: no rock, trees	
152	N.S	N.S	Smooth grass/rushes: rock, no trees	
155	1.9	0.8	Smooth grass/low scrub: no rock, no trees	
156	1.6	0.7	Smooth grass/low scrub: no rock, trees	
157	1.7	0.7	Smooth grass/low scrub: rock, no trees	
158	0.3	0.1	Smooth grass/low scrub: rock, trees	
160	3.2	1.3	Undiff. smooth grass.: no rock, no trees	
161	1.1	0.5	Undiff. smooth grass.: no rock, trees	
162	1.5	0.6	Undiff. smooth grass.: rock, no trees	
180	N.S	N.S	Blanket bog/peat. veg.: erosion, no trees	
182	0.1	N.S	Blanket bog/peat. veg.: no erosion, no trees	
190	0.3	0.1	Undiff. salt marsh: no trees	
200	N.S	N.S	Wetlands: no drains, no trees	
210	N.S	N.S	Bare dunes	
211	N.S	N.S	Partially stabilized dunes	
212	0.5	0.2	Links area: grass	
code	area	%	primary feature	secondary feature
356	0.1	N.S	Undiff. smooth grass.: no rock, no trees	Smooth grass/rushes: no rock, no trees
385	0.4	0.1	Undiff. heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
400	0.5	0.2	Undiff. smooth grass.: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
404	0.3	0.1	Smooth grass/low scrub: no rock, trees	Undiff. heather moor: no rock, no burning, trees
407	0.8	0.3	Undiff. heather moor: no rock, burning, no trees	Undiff. smooth grass.: no rock, no trees
408	1.0	0.4	Undiff. heather moor: no rock, no burning, trees	Undiff. smooth grass.: no rock, trees
409	0.1	N.S	Imp. pasture: no rock, no farms, no trees	Smooth grass/low scrub: no rock, no trees
413	0.1	0.1	Smooth grass/rushes: no rock, trees	Smooth grass/low scrub: no rock, trees
417	N.S	N.S	Undiff. heather moor: no rock, no burning, no trees	Smooth grass/low scrub: no rock, no trees
427	0.2	0.1	Imp. pasture: no rock, no farms, trees	Smooth grass/rushes: no rock, trees
594	1.2	0.5	Golf course	Undiff. mixed woodland (line)
609	0.6	0.2	Golf course	Coniferous plantation (point)
TOTAL	241.4	100.0		

Cover types		single feature	
		area	%
Open countryside			
A	Arable	1011.2	18.8
B	Improved grassland	331.0	6.2
C	Good rough grassland	250.9	4.7
D	Poor rough grassland	100.0	1.9
E	Bracken	4.9	0.1
F	Heather moorland	607.4	11.3
G	Peatland	368.5	6.9
H	Montane	170.7	3.2
I	Rock and cliffs	7.8	0.1
Woodland			
J	Felled woodland	12.5	0.2
K	Recent planting	181.8	3.4
L	Coniferous plantation	323.7	6.0
M	Semi-natural coniferous	2.8	0.1
N	Mixed woodland	129.0	2.4
O	Broadleaved	86.5	1.6
P	Scrub	2.3	N.S
Wet ground			
Q	Fresh waters	134.5	2.5
R	Marshes	3.5	0.1
S	Saltmarshes	4.2	0.1
T	Dunes	0	0
U	Tidal waters	3.9	0.1
Developed			
V	Rural development	16.7	0.3
W	Urban	43.6	0.8
Other			
X	Missing photography/obscured land	28.6	0.5
SUBTOTAL		3825.8	71.2
Y	Mosaics of types above	1545.0	28.8
DISTRICT TOTAL		5370.9	100.0

features in mosaics		primary	secondary
0		0	0
40.8		5.7	
211.0		198.9	
165.4		97.2	
0.7		121.4	
746.7		204.5	
107.9		873.9	
265.7		33.2	
0		3.4	
0.2		0	
0.2		0.3	
0.3		0.4	
0		1.6	
0.4		2.6	
0		0.8	
0		0	
0		0	
0.2		0.9	
0.3		0.2	
0		0	
0		0	
5.2		0	
0		0	
0		0	
1545.0		1545.0	

Nationally significant mosaics			area	%
FG	Heather moorland	Peatland	613.2	11.4
DF	Poor rough grassland	Heather moorland	101.3	1.9
CF	Good rough grassland	Heather moorland	106.7	2.0
GH	Peatland	Montane	230.7	4.3
CD	Good rough grassland	Poor rough grassland	35.4	0.7
BC	Improved grassland	Good rough grassland	45.9	0.9
CE	Good rough grassland	Bracken	100.5	1.9
DG	Poor rough grassland	Peatland	121.5	2.3
FH	Heather moorland	Montane	64.6	1.2
SUBTOTAL			1419.7	26.4
Locally significant mosaics			area	%
EF	Bracken	Heather moorland	18.7	0.3
CG	Good rough grassland	Peatland	16.4	0.3
HI	Montane	Rock and cliffs	2.7	0.1
NV	Mixed woodland	Rural development	2.6	N.S
DE	Poor rough grassland	Bracken	2.3	N.S
SUBTOTAL			42.7	0.8
Remaining mosaics			82.6	1.5
MOSAICS OF SUMMARY COVER TYPES			1545.0	28.8

Table 10.3.1

Perth & Kinross District

Land cover summary categories

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not match the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05. Please refer to Figure 6.2 for guidance in the interpretation of this table.

Table 10.3.2 Total audit of land cover features in Perth & Kinross District in which all mosaics are allocated according to primary or secondary feature.

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S. = not significant = < 0.05 sq km. Please refer to Figure 6.3 for guidance in the interpretation of this table.

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
3	1.0	0	0	Factory
4	1.9	0	0	Airfield
5	4.5	5.2	0	Golf course
6	0.1	0	0	Cemeteries
7	1.9	0	0	Recreational land
10	7.8	0	3.4	Rock and cliffs (area)
12	3.5	0	0	Quarries and opencast (area)
16	N.S	0	0	Paths
18	134.5	0	0	Water (area)
20	43.6	0	0	Built-up (area)
21	3.9	0	0	Transport features, road
24	3.9	0	0	Estuary
26	27.5	0	0	Cloud cover
27	1.2	0	0	Snow cover
70	323.7	0.3	0.4	Coniferous plantation (area)
73	2.8	0	1.6	Coniferous semi-natural (area)
76	86.5	0	0	Undiff. broadleaved (area)
77	0	0	0.4	Undiff. broadleaved (line)
78	0	0	0.3	Undiff. broadleaved (point)
79	129.0	0.4	0	Undiff. mixed woodland (area)
80	N.S	0	1.7	Undiff. mixed woodland (line)
81	0	0	0.9	Undiff. mixed woodland (point)
82	2.3	0	0	Undiff. low scrub
83	148.3	0	0.3	Recent ploughing for forestry
84	12.5	0.2	0	Recently felled forestry
85	33.5	0.2	0	Open canopy (young plantation)
90	294.7	40.1	5.7	Imp. pasture: no rock, no farms, no trees
91	33.5	0.7	0	Imp. pasture: no rock, no farms, trees
94	2.7	0	0	Imp. pasture: rock, no farms, no trees
100	1008.4	0	0	Arable: no rock, no farms, no trees
101	1.0	0	0	Arable: no rock, no farms, trees
102	1.4	0	0	Arable: no rock, farms, no trees
104	0.3	0	0	Arable: rock, no farms, no trees
110	60.6	47.1	32.9	Dry heather moor: no rock, no burning, no trees
111	6.6	4.9	0.2	Dry heather moor: no rock, no burning, trees
112	115.2	49.0	1.4	Dry heather moor: no rock, burning, no trees
113	0.8	2.6	0	Dry heather moor: no rock, burning, trees
114	54.8	58.0	33.3	Dry heather moor: rock, no burning, no trees
115	1.0	1.1	0	Dry heather moor: rock, no burning, trees
116	20.5	10.5	0	Dry heather moor: rock, burning, no trees
117	0	0.4	0	Dry heather moor: rock, burning, trees
120	12.9	10.8	2.5	Wet heather moor: no rock, no burning, no trees
121	1.4	0	2.1	Wet heather moor: no rock, no burning, trees
122	1.4	0.7	15.3	Wet heather moor: no rock, burning, no trees

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Table 10.3.2 Total audit of land cover features in Perth & Kinross District in which all mosaics are allocated according to primary or secondary feature (continued).

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
123	0	0	1.2	Wet heather moor: no rock, burning, trees
124	0.3	0	0	Wet heather moor: rock, no burning, no trees
130	110.4	361.6	105.4	Undiff. heather moor: no rock, no burning, no trees
131	6.4	2.3	1.8	Undiff. heather moor: no rock, no burning, trees
132	183.2	158.0	6.4	Undiff. heather moor: no rock, burning, no trees
134	27.6	37.9	2.0	Undiff. heather moor: rock, no burning, no trees
135	0.1	0	0	Undiff. heather moor: rock, no burning, trees
136	4.1	1.6	0	Undiff. heather moor: rock, burning, no trees
140	82.0	150.6	86.3	Undiff. Nardus/Molinia: no rock, no trees
141	1.5	2.4	1.0	Undiff. Nardus/Molinia: no rock, trees
142	16.1	12.3	9.9	Undiff. Nardus/Molinia: rock, no trees
143	0.4	0.1	0	Undiff. Nardus/Molinia: rock, trees
150	32.3	23.0	103.5	Smooth grass/rushes: no rock, no trees
151	1.7	0.3	0.9	Smooth grass/rushes: no rock, trees
152	0.1	0.5	0	Smooth grass/rushes: rock, no trees
153	0.1	0	0	Smooth grass/rushes: rock, trees
155	11.9	0.8	4.0	Smooth grass/low scrub: no rock, no trees
156	16.0	1.3	3.0	Smooth grass/low scrub: no rock, trees
157	0.6	N.S	0.6	Smooth grass/low scrub: rock, no trees
158	0.7	0	0	Smooth grass/low scrub: rock, trees
160	142.3	147.0	67.6	Undiff. smooth grass.: no rock, no trees
161	27.0	12.3	2.3	Undiff. smooth grass.: no rock, trees
162	15.5	20.6	15.3	Undiff. smooth grass.: rock, no trees
163	2.6	5.2	1.5	Undiff. smooth grass.: rock, trees
170	4.3	0	102.2	Undiff. bracken: no rock, no trees
171	0.4	0.7	8.3	Undiff. bracken: no rock, trees
172	0.1	0	7.7	Undiff. bracken: rock, no trees
173	0.1	0	3.2	Undiff. bracken: rock, trees
180	141.0	62.7	160.2	Blanket bog/peat. veg.: erosion, no trees
181	0.5	0	0	Blanket bog/peat. veg.: erosion, trees
182	225.6	45.2	713.1	Blanket bog/peat. veg.: no erosion, no trees
183	1.2	0	0.7	Blanket bog/peat. veg.: no erosion, trees
184	0.2	0	0	Blanket bog/peat. veg.: dubh lochans
185	0.1	0	0	Blanket bog/peat. veg.: industrial peat workings
186	0.1	0	0	Blanket bog/peat. veg.: other peat workings
190	4.2	0.3	0.2	Undiff. salt marsh: no trees
200	1.8	0	0.1	Wetlands: no drains, no trees
201	0.1	0	0.5	Wetlands: drains, no trees
202	1.3	0.2	0.3	Wetlands: no drains, trees
203	0.3	0	0	Wetlands: drains, trees
222	57.6	107.2	5.7	Undiff. montane veg.: rock
223	113.1	158.5	27.5	Undiff. montane veg.: no rock
TOTAL	3825.8	1545.0	1545.0	

Table 10.3.3 Total audit of land cover features in Perth & Kinross District in which all mosaics are separately identified.

All areas are expressed in square kilometres to 1 decimal place; all percentages are expressed as % of the total area; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05

code	area	%	description
3	1.0	N.S	Factory
4	1.9	N.S	Airfield
5	4.5	0.1	Golf course
6	0.1	N.S	Cemeteries
7	1.9	N.S	Recreational land
10	7.8	0.1	Rock and cliffs (area)
12	3.5	0.1	Quarries and opencast (area)
16	N.S	N.S	Paths
18	134.5	2.5	Water (area)
20	43.6	0.8	Built-up (area)
21	3.9	0.1	Transport features, road
24	3.9	0.1	Estuary
26	27.5	0.5	Cloud cover
27	1.2	N.S	Snow cover
70	323.7	6.0	Coniferous plantation (area)
73	2.8	0.1	Coniferous semi-natural (area)
76	86.5	1.6	Undiff. broadleaved (area)
79	129.0	2.4	Undiff. mixed woodland (area)
80	N.S	N.S	Undiff. mixed woodland (line)
82	2.3	N.S	Undiff. low scrub
83	148.3	2.8	Recent ploughing for forestry
84	12.5	0.2	Recently felled forestry
85	33.5	0.6	Open canopy (young plantation)
90	294.7	5.5	Imp. pasture: no rock, no farms, no trees
91	33.5	0.6	Imp. pasture: no rock, no farms, trees
94	2.7	0.1	Imp. pasture: rock, no farms, no trees
100	1008.4	18.8	Arable: no rock, no farms, no trees
101	1.0	N.S	Arable: no rock, no farms, trees
102	1.4	N.S	Arable: no rock, farms, no trees
104	0.3	N.S	Arable: rock, no farms, no trees
110	60.6	1.1	Dry heather moor: no rock, no burning, no trees
111	6.6	0.1	Dry heather moor: no rock, no burning, trees
112	115.2	2.1	Dry heather moor: no rock, burning, no trees
113	0.8	N.S	Dry heather moor: no rock, burning, trees
114	54.8	1.0	Dry heather moor: rock, no burning, no trees
115	1.0	N.S	Dry heather moor: rock, no burning, trees
116	20.5	0.4	Dry heather moor: rock, burning, no trees
120	12.9	0.2	Wet heather moor: no rock, no burning, no trees
121	1.4	N.S	Wet heather moor: no rock, no burning, trees
122	1.4	N.S	Wet heather moor: no rock, burning, no trees
124	0.3	N.S	Wet heather moor: rock, no burning, no trees
130	110.4	2.1	Undiff. heather moor: no rock, no burning, no trees
131	6.4	0.1	Undiff. heather moor: no rock, no burning, trees
132	183.2	3.4	Undiff. heather moor: no rock, burning, no trees
134	27.6	0.5	Undiff. heather moor: rock, no burning, no trees
135	0.1	N.S	Undiff. heather moor: rock, no burning, trees
136	4.1	0.1	Undiff. heather moor: rock, burning, no trees
140	82.0	1.5	Undiff. Nardus/Molinia: no rock, no trees
141	1.5	N.S	Undiff. Nardus/Molinia: no rock, trees

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Table 10.3.3 Total audit of land cover features in Perth & Kinross District in which all mosaics are separately identified (continued).

code	area	%	description	
142	16.1	0.3	Undiff. Nardus/Molinia: rock, no trees	
143	0.4	N.S	Undiff. Nardus/Molinia: rock, trees	
150	32.3	0.6	Smooth grass/rushes: no rock, no trees	
151	1.7	N.S	Smooth grass/rushes: no rock, trees	
152	0.1	N.S	Smooth grass/rushes: rock, no trees	
153	0.1	N.S	Smooth grass/rushes: rock, trees	
155	11.9	0.2	Smooth grass/low scrub: no rock, no trees	
156	16.0	0.3	Smooth grass/low scrub: no rock, trees	
157	0.6	N.S	Smooth grass/low scrub: rock, no trees	
158	0.7	N.S	Smooth grass/low scrub: rock, trees	
160	142.3	2.7	Undiff. smooth grass.: no rock, no trees	
161	27.0	0.5	Undiff. smooth grass.: no rock, trees	
162	15.5	0.3	Undiff. smooth grass.: rock, no trees	
163	2.6	N.S	Undiff. smooth grass.: rock, trees	
170	4.3	0.1	Undiff. bracken: no rock, no trees	
171	0.4	N.S	Undiff. bracken: no rock, trees	
172	0.1	N.S	Undiff. bracken: rock, no trees	
173	0.1	N.S	Undiff. bracken: rock, trees	
180	141.0	2.6	Blanket bog/peat. veg.: erosion, no trees	
181	0.5	N.S	Blanket bog/peat. veg.: erosion, trees	
182	225.6	4.2	Blanket bog/peat. veg.: no erosion, no trees	
183	1.2	N.S	Blanket bog/peat. veg.: no erosion, trees	
184	0.2	N.S	Blanket bog/peat. veg.: dubh lochans	
185	0.1	N.S	Blanket bog/peat. veg.: industrial peat workings	
186	0.1	N.S	Blanket bog/peat. veg.: other peat workings	
190	4.2	0.1	Undiff. salt marsh: no trees	
200	1.8	N.S	Wetlands: no drains, no trees	
201	0.1	N.S	Wetlands: drains, no trees	
202	1.3	N.S	Wetlands: no drains, trees	
203	0.3	N.S	Wetlands: drains, trees	
222	57.6	1.1	Undiff. montane veg.: rock	
223	113.1	2.1	Undiff. montane veg.: no rock	
code	area	%	primary feature	secondary feature
301	1.3	N.S	Undiff. smooth grass.: rock, no trees	Dry heather moor: rock, no burning, no trees
316	1.5	N.S	Dry heather moor: rock, no burning, no trees	Undiff. bracken: rock, no trees
326	6.7	0.1	Dry heather moor: rock, no burning, no trees	Undiff. smooth grass.: rock, no trees
351	0.5	N.S	Smooth grass/rushes: no rock, no trees	Wet heather moor: no rock, no burning, no trees
353	21.1	0.4	Imp. pasture: no rock, no farms, no trees	Smooth grass/rushes: no rock, no trees
355	4.2	0.1	Blanket bog/peat. veg.: no erosion, no trees	Smooth grass/rushes: no rock, no trees
356	42.8	0.8	Undiff. smooth grass.: no rock, no trees	Smooth grass/rushes: no rock, no trees
360	24.1	0.4	Undiff. heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
361	8.0	0.1	Wet heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
362	0.6	N.S	Undiff. heather moor: no rock, no burning, no trees	Undiff. bracken: no rock, no trees
364	0.1	N.S	Wet heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
366	0.7	N.S	Undiff. heather moor: rock, no burning, no trees	Undiff. bracken: rock, no trees
369	0.3	N.S	Undiff. smooth grass.: no rock, no trees	Wet heather moor: no rock, no burning, no trees
374	272.4	5.1	Undiff. heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
382	33.7	0.6	Blanket bog/peat. veg.: no erosion, no trees	Undiff. heather moor: no rock, no burning, no trees
385	10.0	0.2	Undiff. heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
389	20.2	0.4	Dry heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees

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Table 10.3.3 Total audit of land cover features in Perth & Kinross District in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
390	16.3	0.3	Imp. pasture: no rock, no farms, no trees	Undiff. smooth grass.: no rock, no trees
393	0.2	N.S	Recently felled forestry	Coniferous plantation (area)
395	0.1	N.S	Smooth grass/rushes: no rock, no trees	Smooth grass/low scrub: no rock, no trees
396	2.4	N.S	Undiff. heather moor: rock, no burning, no trees	Undiff. smooth grass.: rock, no trees
399	1.2	N.S	Smooth grass/rushes: no rock, no trees	Imp. pasture: no rock, no farms, no trees
400	5.0	0.1	Undiff. smooth grass.: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
401	5.0	0.1	Undiff. smooth grass.: rock, no trees	Undiff. bracken: rock, no trees
402	3.7	0.1	Smooth grass/rushes: no rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
403	0.1	N.S	Imp. pasture: no rock, no farms, trees	Undiff. heather moor: no rock, no burning, trees
406	6.6	0.1	Smooth grass/rushes: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
407	1.8	N.S	Undiff. heather moor: no rock, burning, no trees	Undiff. smooth grass.: no rock, no trees
408	0.6	N.S	Undiff. heather moor: no rock, no burning, trees	Undiff. smooth grass.: no rock, trees
409	1.0	N.S	Imp. pasture: no rock, no farms, no trees	Smooth grass/low scrub: no rock, no trees
410	4.5	0.1	Undiff. smooth grass.: no rock, no trees	Imp. pasture: no rock, no farms, no trees
411	0.2	N.S	Undiff. smooth grass.: no rock, trees	Undiff. heather moor: no rock, no burning, trees
412	0.1	N.S	Undiff. heather moor: no rock, no burning, trees	Smooth grass/low scrub: no rock, trees
413	0.3	N.S	Smooth grass/rushes: no rock, trees	Smooth grass/low scrub: no rock, trees
414	95.6	1.8	Undiff. Nardus/Molinia: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
415	72.4	1.3	Undiff. smooth grass.: no rock, no trees	Undiff. bracken: no rock, no trees
416	11.3	0.2	Undiff. Nardus/Molinia: no rock, no trees	Smooth grass/rushes: no rock, no trees
418	0.3	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. bracken: no rock, no trees
419	1.3	N.S	Undiff. smooth grass.: rock, trees	Undiff. bracken: no rock, no trees
420	33.1	0.6	Dry heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
421	10.3	0.2	Undiff. smooth grass.: no rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
424	1.1	N.S	Undiff. smooth grass.: rock, no trees	Undiff. Nardus/Molinia: rock, no trees
425	3.3	0.1	Undiff. smooth grass.: no rock, trees	Undiff. bracken: no rock, no trees
426	1.2	N.S	Smooth grass/rushes: no rock, no trees	Undiff. smooth grass.: no rock, no trees
427	0.3	N.S	Imp. pasture: no rock, no farms, trees	Smooth grass/rushes: no rock, trees
428	1.7	N.S	Undiff. Nardus/Molinia: rock, no trees	Dry heather moor: rock, no burning, no trees
429	6.0	0.1	Undiff. Nardus/Molinia: rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
432	0.2	N.S	Undiff. smooth grass.: no rock, trees	Dry heather moor: no rock, no burning, trees
433	N.S	N.S	Undiff. smooth grass.: no rock, no trees	Undiff. bracken: rock, no trees
434	7.2	0.1	Undiff. smooth grass.: no rock, trees	Undiff. bracken: no rock, trees
435	0.1	N.S	Undiff. Nardus/Molinia: rock, trees	Blanket bog/peat. veg.: no erosion, no trees
436	13.7	0.3	Undiff. Nardus/Molinia: no rock, no trees	Blanket bog/peat. veg.: erosion, no trees
437	5.3	0.1	Undiff. heather moor: no rock, no burning, no trees	Smooth grass/rushes: no rock, no trees
438	131.2	2.4	Undiff. heather moor: no rock, burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
439	5.3	0.1	Undiff. smooth grass.: rock, no trees	Undiff. bracken: no rock, no trees
440	0.5	N.S	Smooth grass/low scrub: no rock, no trees	Undiff. bracken: no rock, no trees
441	0.9	N.S	Smooth grass/low scrub: no rock, trees	Undiff. bracken: no rock, no trees
442	32.6	0.6	Undiff. heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
443	15.3	0.3	Undiff. heather moor: no rock, burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
444	5.2	0.1	Undiff. Nardus/Molinia: no rock, no trees	Undiff. smooth grass.: no rock, no trees
448	5.9	0.1	Undiff. heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: rock, no trees
449	1.2	N.S	Blanket bog/peat. veg.: no erosion, no trees	Undiff. Nardus/Molinia: no rock, no trees
450	0.1	N.S	Undiff. smooth grass.: rock, no trees	Smooth grass/rushes: no rock, no trees
456	1.0	N.S	Dry heather moor: rock, no burning, trees	Undiff. smooth grass.: rock, trees
457	3.2	0.1	Undiff. smooth grass.: rock, trees	Undiff. bracken: rock, trees
458	0.6	N.S	Undiff. smooth grass.: no rock, trees	Smooth grass/rushes: no rock, trees
459	0.2	N.S	Undiff. mixed woodland (area)	Undiff. smooth grass.: no rock, trees

continued on next page

Table 10.3.3 Total audit of land cover features in Perth & Kinross District in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
460	7.4	0.1	Dry heather moor: no rock, no burning, no trees	Undiff. bracken: no rock, no trees
461	0.2	N.S	Undiff. smooth grass.: no rock, no trees	Undiff. bracken: no rock, trees
462	1.2	N.S	Dry heather moor: no rock, burning, trees	Wet heather moor: no rock, burning, trees
463	15.3	0.3	Dry heather moor: no rock, burning, no trees	Wet heather moor: no rock, burning, no trees
464	0.3	N.S	Smooth grass/low scrub: no rock, no trees	Undiff. smooth grass.: no rock, no trees
466	8.2	0.2	Dry heather moor: no rock, burning, no trees	Undiff. smooth grass.: no rock, no trees
467	4.8	0.1	Dry heather moor: no rock, burning, no trees	Smooth grass/rushes: no rock, no trees
468	0.2	N.S	Dry heather moor: rock, no burning, trees	Undiff. smooth grass.: no rock, trees
469	5.4	0.1	Dry heather moor: rock, burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
470	1.5	N.S	Dry heather moor: rock, burning, no trees	Undiff. smooth grass.: rock, no trees
471	0.1	N.S	Imp. pasture: no rock, no farms, trees	Dry heather moor: no rock, no burning, trees
474	3.9	0.1	Blanket bog/peat. veg.: erosion, no trees	Undiff. Nardus/Molinia: no rock, no trees
475	3.3	0.1	Dry heather moor: no rock, no burning, no trees	Smooth grass/rushes: no rock, no trees
476	4.6	0.1	Dry heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
477	37.0	0.7	Undiff. heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: erosion, no trees
485	1.7	N.S	Undiff. Nardus/Molinia: no rock, no trees	Wet heather moor: no rock, no burning, no trees
486	7.2	0.1	Dry heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
488	0.8	N.S	Dry heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: erosion, no trees
491	0.4	N.S	Dry heather moor: no rock, no burning, trees	Undiff. smooth grass.: no rock, trees
492	0.6	N.S	Undiff. smooth grass.: rock, no trees	Smooth grass/low scrub: rock, no trees
493	2.9	0.1	Undiff. smooth grass.: no rock, no trees	Smooth grass/low scrub: no rock, no trees
494	0.2	N.S	Undiff. Nardus/Molinia: rock, no trees	Undiff. heather moor: rock, no burning, no trees
503	3.8	0.1	Undiff. Nardus/Molinia: rock, no trees	Undiff. smooth grass.: rock, no trees
505	N.S	N.S	Smooth grass/low scrub: rock, no trees	Undiff. bracken: rock, no trees
513	0.3	N.S	Dry heather moor: no rock, no burning, trees	Undiff. bracken: no rock, trees
521	2.7	N.S	Wet heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
524	8.8	0.2	Smooth grass/rushes: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
525	4.3	0.1	Blanket bog/peat. veg.: no erosion, no trees	Undiff. heather moor: no rock, burning, no trees
528	3.1	0.1	Undiff. smooth grass.: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
530	0.1	N.S	Undiff. smooth grass.: rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
532	5.6	0.1	Dry heather moor: no rock, burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
536	1.3	N.S	Dry heather moor: no rock, no burning, trees	Blanket bog/peat. veg.: no erosion, no trees
552	10.1	0.2	Dry heather moor: no rock, burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
564	17.9	0.3	Undiff. Nardus/Molinia: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
568	2.5	N.S	Dry heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: rock, no trees
571	0.1	N.S	Undiff. smooth grass.: rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
580	2.2	N.S	Undiff. heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: erosion, no trees
586	0.3	N.S	Smooth grass/rushes: no rock, no trees	Undiff. bracken: no rock, no trees
590	0.4	N.S	Smooth grass/low scrub: no rock, trees	Smooth grass/rushes: no rock, no trees
592	1.9	N.S	Undiff. Nardus/Molinia: no rock, no trees	Undiff. bracken: no rock, no trees
594	1.7	N.S	Golf course	Undiff. mixed woodland (line)
599	2.1	N.S	Blanket bog/peat. veg.: erosion, no trees	Undiff. montane veg.: rock
602	18.4	0.3	Blanket bog/peat. veg.: erosion, no trees	Undiff. montane veg.: no rock
603	77.1	1.4	Undiff. montane veg.: no rock	Blanket bog/peat. veg.: erosion, no trees
607	26.8	0.5	Undiff. montane veg.: rock	Blanket bog/peat. veg.: erosion, no trees
608	42.4	0.8	Undiff. montane veg.: rock	Blanket bog/peat. veg.: no erosion, no trees
610	0.9	N.S	Golf course	Undiff. mixed woodland (point)
620	63.6	1.2	Undiff. montane veg.: no rock	Blanket bog/peat. veg.: no erosion, no trees
627	0.3	N.S	Blanket bog/peat. veg.: no erosion, no trees	Undiff. montane veg.: no rock
631	5.0	0.1	Undiff. smooth grass.: no rock, no trees	Dry heather moor: no rock, no burning, no trees

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Table 10.3.3 Total audit of land cover features in Perth & Kinross District in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
640	1.8	N.S	Undiff. heather moor: no rock, no burning, no trees	Undiff. montane veg.: no rock
647	0.3	N.S	Undiff. salt marsh: no trees	Wetlands: no drains, trees
648	0.2	N.S	Wetlands: no drains, trees	Undiff. salt marsh: no trees
649	0.1	N.S	Undiff. bracken: no rock, trees	Recent ploughing for forestry
650	2.1	N.S	Dry heather moor: no rock, burning, no trees	Blanket bog/peat. veg.: erosion, no trees
651	0.8	N.S	Undiff. smooth grass.: no rock, trees	Smooth grass/rushes: no rock, no trees
652	0.5	N.S	Imp. pasture: no rock, no farms, no trees	Smooth grass/low scrub: no rock, trees
663	0.3	N.S	Coniferous plantation (area)	Undiff. smooth grass.: no rock, no trees
672	0.4	N.S	Golf course	Undiff. broadleaved (line)
678	0.3	N.S	Imp. pasture: no rock, no farms, trees	Smooth grass/rushes: no rock, no trees
679	0.3	N.S	Golf course	Undiff. broadleaved (point)
695	8.0	0.1	Undiff. heather moor: no rock, burning, no trees	Smooth grass/rushes: no rock, no trees
728	1.0	N.S	Blanket bog/peat. veg.: erosion, no trees	Dry heather moor: no rock, no burning, no trees
736	35.2	0.7	Blanket bog/peat. veg.: erosion, no trees	Undiff. heather moor: no rock, no burning, no trees
741	0.9	N.S	Undiff. heather moor: no rock, no burning, trees	Undiff. Nardus/Molinia: no rock, trees
743	0.3	N.S	Undiff. Nardus/Molinia: rock, no trees	Blanket bog/peat. veg.: erosion, no trees
754	0.4	N.S	Undiff. heather moor: rock, burning, no trees	Smooth grass/rushes: no rock, no trees
755	7.0	0.1	Undiff. smooth grass.: rock, no trees	Dry heather moor: no rock, no burning, no trees
756	0.4	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. smooth grass.: no rock, trees
759	0.7	N.S	Undiff. smooth grass.: rock, trees	Smooth grass/rushes: no rock, no trees
762	3.0	0.1	Undiff. Nardus/Molinia: no rock, no trees	Dry heather moor: no rock, no burning, no trees
763	0.2	N.S	Undiff. smooth grass.: no rock, no trees	Recent ploughing for forestry
767	0.1	N.S	Undiff. Nardus/Molinia: no rock, no trees	Rock and cliffs (area)
779	0.2	N.S	Dry heather moor: rock, no burning, no trees	Rock and cliffs (area)
780	2.5	N.S	Undiff. montane veg.: no rock	Rock and cliffs (area)
792	0.3	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. smooth grass.: rock, trees
819	0.5	N.S	Smooth grass/rushes: no rock, no trees	Wetlands: drains, no trees
835	0.1	N.S	Undiff. smooth grass.: rock, trees	Undiff. bracken: rock, no trees
843	0.1	N.S	Dry heather moor: rock, burning, no trees	Undiff. bracken: rock, no trees
844	1.9	N.S	Dry heather moor: no rock, burning, no trees	Undiff. bracken: no rock, no trees
845	5.4	0.1	Dry heather moor: rock, no burning, no trees	Undiff. bracken: no rock, no trees
847	0.1	N.S	Dry heather moor: no rock, burning, no trees	Undiff. bracken: no rock, trees
848	1.9	N.S	Blanket bog/peat. veg.: erosion, no trees	Undiff. heather moor: no rock, burning, no trees
857	0.2	N.S	Undiff. heather moor: no rock, no burning, no trees	Smooth grass/low scrub: no rock, trees
860	0.1	N.S	Undiff. heather moor: no rock, burning, no trees	Blanket bog/peat. veg.: erosion, no trees
873	1.1	N.S	Undiff. montane veg.: rock	Undiff. heather moor: rock, no burning, no trees
890	1.4	N.S	Undiff. montane veg.: no rock	Undiff. heather moor: no rock, no burning, no trees
891	1.8	N.S	Undiff. montane veg.: rock	Undiff. heather moor: no rock, no burning, no trees
892	1.7	N.S	Dry heather moor: no rock, no burning, no trees	Undiff. montane veg.: no rock
893	12.0	0.2	Undiff. montane veg.: no rock	Dry heather moor: no rock, no burning, no trees
896	29.8	0.6	Undiff. montane veg.: rock	Dry heather moor: rock, no burning, no trees
898	1.9	N.S	Golf course	Smooth grass/low scrub: no rock, trees
904	1.5	N.S	Dry heather moor: rock, no burning, no trees	Undiff. montane veg.: rock
905	1.5	N.S	Undiff. heather moor: no rock, no burning, no trees	Undiff. montane veg.: rock
912	0.6	N.S	Undiff. heather moor: rock, no burning, no trees	Undiff. montane veg.: rock
916	1.8	N.S	Dry heather moor: no rock, no burning, no trees	Undiff. heather moor: no rock, no burning, no trees
917	0.4	N.S	Undiff. Nardus/Molinia: no rock, no trees	Undiff. montane veg.: no rock
920	0.8	N.S	Dry heather moor: no rock, burning, no trees	Undiff. montane veg.: no rock
921	4.7	0.1	Undiff. montane veg.: rock	Dry heather moor: no rock, no burning, no trees
922	0.2	N.S	Dry heather moor: no rock, burning, trees	Undiff. smooth grass.: rock, no trees

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Table 10.3.3 Total audit of land cover features in Perth & Kinross District in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
923	0.5	N.S	Undiff. heather moor: rock, no burning, no trees	Undiff. bracken: no rock, no trees
924	1.0	N.S	Undiff. heather moor: rock, burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
925	0.3	N.S	Undiff. Nardus/Molinia: no rock, trees	Undiff. heather moor: no rock, no burning, trees
933	1.5	N.S	Undiff. heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
948	N.S	N.S	Dry heather moor: no rock, no burning, no trees	Undiff. montane veg.: rock
950	0.1	N.S	Dry heather moor: no rock, no burning, trees	Undiff. Nardus/Molinia: no rock, trees
953	0.1	N.S	Undiff. smooth grass.: no rock, no trees	Blanket bog/peat. veg.: erosion, no trees
956	1.7	N.S	Dry heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
975	0.2	N.S	Blanket bog/peat. veg.: no erosion, no trees	Dry heather moor: no rock, no burning, no trees
983	0.1	N.S	Dry heather moor: no rock, no burning, trees	Undiff. bracken: no rock, no trees
985	0.3	N.S	Undiff. montane veg.: rock	Rock and cliffs (area)
986	1.6	N.S	Dry heather moor: no rock, no burning, trees	Wet heather moor: no rock, no burning, trees
987	0.4	N.S	Dry heather moor: no rock, no burning, trees	Undiff. heather moor: no rock, no burning, no trees
988	1.2	N.S	Dry heather moor: no rock, burning, trees	Blanket bog/peat. veg.: no erosion, no trees
989	1.1	N.S	Dry heather moor: rock, no burning, no trees	Undiff. heather moor: no rock, no burning, no trees
990	0.7	N.S	Dry heather moor: rock, no burning, no trees	Undiff. heather moor: rock, no burning, no trees
991	0.4	N.S	Dry heather moor: rock, burning, trees	Wet heather moor: no rock, no burning, trees
1016	1.8	N.S	Dry heather moor: rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
1017	1.5	N.S	Undiff. heather moor: no rock, burning, no trees	Undiff. montane veg.: no rock
1023	1.4	N.S	Undiff. montane veg.: no rock	Dry heather moor: no rock, burning, no trees
1028	0.6	N.S	Undiff. bracken: no rock, trees	Undiff. smooth grass.: no rock, trees
1036	0.3	N.S	Undiff. mixed woodland (area)	Undiff. smooth grass.: no rock, no trees
1037	0.2	N.S	Open canopy (young plantation)	Undiff. smooth grass.: rock, no trees
1038	0.6	N.S	Dry heather moor: no rock, no burning, trees	Undiff. smooth grass.: rock, no trees
1039	0.2	N.S	Dry heather moor: rock, no burning, no trees	Coniferous plantation (area)
1040	1.2	N.S	Dry heather moor: rock, no burning, no trees	Undiff. montane veg.: no rock
1041	0.3	N.S	Dry heather moor: rock, burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
1042	1.9	N.S	Dry heather moor: rock, burning, no trees	Undiff. smooth grass.: no rock, no trees
1043	1.4	N.S	Dry heather moor: rock, burning, no trees	Undiff. montane veg.: no rock
1058	0.1	N.S	Undiff. smooth grass.: no rock, no trees	Undiff. heather moor: no rock, burning, no trees
1066	0.5	N.S	Smooth grass/rushes: rock, no trees	Undiff. heather moor: no rock, no burning, no trees
1067	0.4	N.S	Undiff. montane veg.: rock	Undiff. Nardus/Molinia: rock, no trees
1068	0.5	N.S	Undiff. montane veg.: no rock	Dry heather moor: rock, no burning, no trees
1073	0.1	N.S	Undiff. heather moor: no rock, no burning, trees	Blanket bog/peat. veg.: no erosion, no trees
1243	0.3	N.S	Undiff. Nardus/Molinia: rock, no trees	Rock and cliffs (area)
1333	0.3	N.S	Dry heather moor: rock, no burning, no trees	Undiff. smooth grass.: rock, trees
1346	0.3	N.S	Undiff. Nardus/Molinia: no rock, trees	Blanket bog/peat. veg.: no erosion, no trees
1374	0.4	N.S	Undiff. Nardus/Molinia: no rock, trees	Undiff. bracken: no rock, trees
1385	0.1	N.S	Blanket bog/peat. veg.: erosion, no trees	Wetlands: no drains, no trees
1386	0.1	N.S	Undiff. montane veg.: no rock	Undiff. smooth grass.: no rock, no trees
1388	0.6	N.S	Undiff. heather moor: no rock, no burning, trees	Coniferous semi-natural (area)
1389	1.0	N.S	Undiff. Nardus/Molinia: no rock, trees	Coniferous semi-natural (area)
1391	0.2	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. bracken: rock, no trees
1392	0.2	N.S	Undiff. heather moor: rock, burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
1396	0.3	N.S	Undiff. heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, trees
1397	0.4	N.S	Undiff. Nardus/Molinia: no rock, trees	Blanket bog/peat. veg.: no erosion, trees
1403	1.2	N.S	Blanket bog/peat. veg.: no erosion, no trees	Undiff. heather moor: no rock, no burning, trees
1487	0.7	N.S	Wet heather moor: no rock, burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
TOTAL	5370.9	100.0		

Cover types		single feature		features in mosaics	
		area	%	primary	secondary
Open countryside					
A	Arable	0	0	0	0
B	Improved grassland	557.2	55.1	0	1.3
C	Good rough grassland	80.5	8.0	9.3	10.3
D	Poor rough grassland	0	0	0	0
E	Bracken	0	0	0	0
F	Heather moorland	156.3	15.4	13.0	7.9
G	Peatland	108.0	10.7	0.8	1.5
H	Montane	9.1	0.9	0	0
I	Rock and cliffs	2.1	0.2	0	0
Woodland					
J	Felled woodland	0	0	0	0
K	Recent planting	0	0	0	0
L	Coniferous plantation	0.1	N.S	0	0
M	Semi-natural coniferous	0	0	0	0
N	Mixed woodland	N.S	N.S	0	0
O	Broadleaved	0.2	N.S	0	0
P	Scrub	0	0	0	0
Wet ground					
Q	Fresh waters	32.9	3.3	0	2.0
R	Marshes	11.5	1.1	0	0
S	Saltmarshes	1.5	0.1	0	0
T	Dunes	15.4	1.5	0	0
U	Tidal waters	0	0	0	0
Developed					
V	Rural development	8.3	0.8	0	0
W	Urban	5.7	0.6	0	0
Other					
X	Missing photography/obscured land	0	0	0	0
SUBTOTAL		988.7	97.7		
Y	Mosaics of types above	23.1	2.3	23.1	23.1
ISLAND AUTHORITY TOTAL		1011.8	100.0		

Nationally significant mosaics			area	%
FG	Heather moorland	Peatland	0.7	0.1
DF	Poor rough grassland	Heather moorland	0	0
CF	Good rough grassland	Heather moorland	18.2	1.8
GH	Peatland	Montane	0	0
CD	Good rough grassland	Poor rough grassland	0	0
BC	Improved grassland	Good rough grassland	1.3	0.1
CE	Good rough grassland	Bracken	0	0
DG	Poor rough grassland	Peatland	0	0
FH	Heather moorland	Montane	0	0
SUBTOTAL			20.2	2.0
Locally significant mosaic			area	%
FQ	Heather moorland	Fresh waters	2.0	0.2
SUBTOTAL			2.0	0.2
Remaining mosaics			0.8	0.1
MOSAICS OF SUMMARY COVER TYPES			23.1	2.3

Table 11.0.1

Orkney Islands

Land cover summary categories

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not match the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05. Please refer to Figure 6.2 for guidance in the interpretation of this table.

Table 11.0.2 Total audit of land cover features in Orkney Islands Authority in which all mosaics are allocated according to primary or secondary feature.

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; NS = not significant = < 0.05 sq km. Please refer to Figure 6.3 for guidance in the interpretation of this table.

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
3	1.4	0	0	Factory
4	5.0	0	0	Airfield
5	0.5	0	0	Golf course
6	0.1	0	0	Cemeteries
10	2.1	0	0	Rock and cliffs (area)
12	1.3	0	0	Quarries and opencast (area)
18	32.9	0	0	Water (area)
19	0	0	2.0	Water (point)
20	5.7	0	0	Built-up (area)
70	0.1	0	0	Coniferous plantation (area)
76	0.2	0	0	Undiff. broadleaved (area)
79	N.S	0	0	Undiff. mixed woodland (area)
92	523.0	0	1.3	Imp. pasture: no rock, farms, no trees
96	34.2	0	0	Imp. pasture: rock, farms, no trees
110	4.6	0	0	Dry heather moor: no rock, no burning, no trees
114	10.9	1.7	7.9	Dry heather moor: rock, no burning, no trees
120	9.4	2.0	0	Wet heather moor: no rock, no burning, no trees
130	62.9	4.7	0	Undiff. heather moor: no rock, no burning, no trees
134	68.5	4.5	0	Undiff. heather moor: rock, no burning, no trees
150	26.0	0	4.1	Smooth grass/rushes: no rock, no trees
152	1.8	0	0	Smooth grass/rushes: rock, no trees
160	6.2	0	0	Undiff. smooth grass.: no rock, no trees
162	12.9	1.0	1.7	Undiff. smooth grass.: rock, no trees
180	6.5	0	0.8	Blanket bog/peat. veg.: erosion, no trees
182	42.4	0	0	Blanket bog/peat. veg.: no erosion, no trees
184	2.1	0	0	Blanket bog/peat. veg.: dubh lochans
185	0.8	0	0	Blanket bog/peat. veg.: industrial peat workings
186	56.3	0.8	0.7	Blanket bog/peat. veg.: other peat workings
190	1.5	0	0	Undiff. salt marsh: no trees
191	33.5	8.3	4.5	Maritime grassland: no trees
200	5.8	0	0	Wetlands: no drains, no trees
201	5.6	0	0	Wetlands: drains, no trees
210	1.3	0	0	Bare dunes
211	10.4	0	0	Partially stabilized dunes
212	3.7	0	0	Links area: grass
222	5.6	0	0	Undiff. montane veg.: rock
223	3.5	0	0	Undiff. montane veg.: no rock
TOTAL	988.7	23.1	23.1	

Table 11.0.3 Total audit of land cover features in Orkney Islands Authority in which all mosaics are separately identified.

All areas are expressed in square kilometres to 1 decimal place; all percentages are expressed as % of the total area; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05

code	area	%	description	
3	1.4	0.1	Factory	
4	5.0	0.5	Airfield	
5	0.5	0.1	Golf course	
6	0.1	N.S	Cemeteries	
10	2.1	0.2	Rock and cliffs (area)	
12	1.3	0.1	Quarries and opencast (area)	
18	32.9	3.3	Water (area)	
20	5.7	0.6	Built-up (area)	
70	0.1	N.S	Coniferous plantation (area)	
76	0.2	N.S	Undiff. broadleaved (area)	
79	N.S	N.S	Undiff. mixed woodland (area)	
92	523.0	51.7	Imp. pasture: no rock, farms, no trees	
96	34.2	3.4	Imp. pasture: rock, farms, no trees	
110	4.6	0.5	Dry heather moor: no rock, no burning, no trees	
114	10.9	1.1	Dry heather moor: rock, no burning, no trees	
120	9.4	0.9	Wet heather moor: no rock, no burning, no trees	
130	62.9	6.2	Undiff. heather moor: no rock, no burning, no trees	
134	68.5	6.8	Undiff. heather moor: rock, no burning, no trees	
150	26.0	2.6	Smooth grass/rushes: no rock, no trees	
152	1.8	0.2	Smooth grass/rushes: rock, no trees	
160	6.2	0.6	Undiff. smooth grass.: no rock, no trees	
162	12.9	1.3	Undiff. smooth grass.: rock, no trees	
180	6.5	0.6	Blanket bog/peat. veg.: erosion, no trees	
182	42.4	4.2	Blanket bog/peat. veg.: no erosion, no trees	
184	2.1	0.2	Blanket bog/peat. veg.: dubh lochans	
185	0.8	0.1	Blanket bog/peat. veg.: industrial peat workings	
186	56.3	5.6	Blanket bog/peat. veg.: other peat workings	
190	1.5	0.1	Undiff. salt marsh: no trees	
191	33.5	3.3	Maritime grassland: no trees	
200	5.8	0.6	Wetlands: no drains, no trees	
201	5.6	0.6	Wetlands: drains, no trees	
210	1.3	0.1	Bare dunes	
211	10.4	1.0	Partially stabilized dunes	
212	3.7	0.4	Links area: grass	
222	5.6	0.5	Undiff. montane veg.: rock	
223	3.5	0.3	Undiff. montane veg.: no rock	
code	area	%	primary feature	secondary feature
301	1.0	0.1	Undiff. smooth grass.: rock, no trees	Dry heather moor: rock, no burning, no trees
326	1.7	0.2	Dry heather moor: rock, no burning, no trees	Undiff. smooth grass.: rock, no trees
370	0.7	0.1	Undiff. heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: other peat workings
437	4.1	0.4	Undiff. heather moor: no rock, no burning, no trees	Smooth grass/rushes: no rock, no trees
496	7.0	0.7	Maritime grassland: no trees	Dry heather moor: rock, no burning, no trees
508	1.3	0.1	Maritime grassland: no trees	Imp. pasture: no rock, farms, no trees
656	4.5	0.4	Undiff. heather moor: rock, no burning, no trees	Maritime grassland: no trees
657	0.8	0.1	Blanket bog/peat. veg.: other peat workings	Blanket bog/peat. veg.: erosion, no trees
1135	2.0	0.2	Wet heather moor: no rock, no burning, no trees	Water (point)
TOTAL	1011.8	100.0		

Cover types		single feature		features in mosaics	
		area	%	primary	secondary
Open countryside					
A	Arable	0	0	0	0
B	Improved grassland	131.1	8.9	98.6	39.3
C	Good rough grassland	49.9	3.4	45.7	95.8
D	Poor rough grassland	58.1	3.9	64.3	88.4
E	Bracken	0	0	0	0
F	Heather moorland	165.4	11.2	210.5	164.0
G	Peatland	534.3	36.3	15.6	3.4
H	Montane	14.7	1.0	6.3	0.8
I	Rock and cliffs	16.3	1.1	0	2.9
Woodland					
J	Felled woodland	0	0	0	0
K	Recent planting	0	0	0	0
L	Coniferous plantation	0.1	N.S	0	0
M	Semi-natural coniferous	0	0	0	0
N	Mixed woodland	N.S	N.S	0	0
O	Broadleaved	0	0	0	0
P	Scrub	0	0	0	0.1
Wet ground					
Q	Fresh waters	36.0	2.4	0	6.3
R	Marshes	7.9	0.5	0	43.1
S	Saltmarshes	0.1	N.S	0	0
T	Dunes	2.3	0.2	3.1	0
U	Tidal waters	0	0	0	0
Developed					
V	Rural development	8.0	0.5	0	0
W	Urban	4.9	0.3	0	0
Other					
X	Missing photography/obscured land	0	0	0	0
SUBTOTAL		1029.1	69.9		
Y	Mosaics of types above	444.1	30.1	444.1	444.1
ISLAND AUTHORITY TOTAL		1473.2	100.0		

Nationally significant mosaics			area	%
FG	Heather moorland	Peatland	9.8	0.7
DF	Poor rough grassland	Heather moorland	88.6	6.0
CF	Good rough grassland	Heather moorland	61.2	4.2
GH	Peatland	Montane	4.1	0.3
CD	Good rough grassland	Poor rough grassland	10.7	0.7
BC	Improved grassland	Good rough grassland	52.8	3.6
CE	Good rough grassland	Bracken	0	0
DG	Poor rough grassland	Peatland	5.0	0.3
FH	Heather moorland	Montane	0	0
SUBTOTAL			232.2	15.8
Locally significant mosaics			area	%
BD	Improved grassland	Poor rough grassland	45.0	3.1
BR	Improved grassland	Marshes	34.8	2.4
FQ	Heather moorland	Fresh waters	6.3	0.4
BF	Improved grassland	Heather moorland	5.3	0.4
DR	Poor rough grassland	Marshes	3.4	0.2
SUBTOTAL			94.8	6.4
Remaining mosaics			117.0	7.9
MOSAICS OF SUMMARY COVER TYPES			444.1	30.1

Table 12.0.1

Shetland Islands

Land cover summary categories

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not match the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05. Please refer to Figure 6.2 for guidance in the interpretation of this table.

Table 12.0.2 Total audit of land cover features in Shetland Islands Authority in which all mosaics are allocated according to primary or secondary feature.

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05 sq km. Please refer to Figure 6.3 for guidance in the interpretation of this table.

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
3	3.8	0	0	Factory
4	2.0	0	0	Airfield
5	0.7	0	0	Golf course
6	N.S	0	0	Cemeteries
7	N.S	0	0	Recreational land
10	16.3	0	2.9	Rock and cliffs (area)
12	1.4	0	0	Quarries and opencast (area)
14	N.S	0	0	Bings and refuse tips (area)
18	36.0	0	0	Water (area)
19	0	0	6.3	Water (point)
20	4.9	0	0	Built-up (area)
70	0.1	0	0	Coniferous plantation (area)
79	N.S	0	0	Undiff. mixed woodland (area)
82	0	0	0.1	Undiff. low scrub
90	75.2	45.5	35.2	Imp. pasture: no rock, no farms, no trees
91	0.6	0	0	Imp. pasture: no rock, no farms, trees
92	52.1	52.0	2.7	Imp. pasture: no rock, farms, no trees
94	1.3	1.2	1.5	Imp. pasture: rock, no farms, no trees
96	1.8	0	0	Imp. pasture: rock, farms, no trees
110	4.6	21.7	6.1	Dry heather moor: no rock, no burning, no trees
111	0	0.1	0	Dry heather moor: no rock, no burning, trees
114	8.2	26.5	7.8	Dry heather moor: rock, no burning, no trees
120	5.0	11.3	124.5	Wet heather moor: no rock, no burning, no trees
124	0	6.3	0	Wet heather moor: rock, no burning, no trees
130	127.8	26.1	12.4	Undiff. heather moor: no rock, no burning, no trees
134	19.9	118.5	13.3	Undiff. heather moor: rock, no burning, no trees
140	38.7	41.5	74.4	Undiff. Nardus/Molinia: no rock, no trees
142	19.4	22.8	14.0	Undiff. Nardus/Molinia: rock, no trees
150	0.5	0	5.3	Smooth grass/rushes: no rock, no trees
160	7.8	23.1	55.4	Undiff. smooth grass.: no rock, no trees
161	0	0.7	0	Undiff. smooth grass.: no rock, trees
162	16.1	18.3	17.2	Undiff. smooth grass.: rock, no trees
180	413.3	0.8	1.0	Blanket bog/peat. veg.: erosion, no trees
182	53.7	14.8	2.4	Blanket bog/peat. veg.: no erosion, no trees
184	3.8	0	0	Blanket bog/peat. veg.: dubh lochans
185	0.3	0	0	Blanket bog/peat. veg.: industrial peat workings
186	63.2	0	0	Blanket bog/peat. veg.: other peat workings
190	0.1	0	0	Undiff. salt marsh: no trees
191	25.5	3.6	17.9	Maritime grassland: no trees
200	5.1	0	30.7	Wetlands: no drains, no trees
201	2.7	0	12.4	Wetlands: drains, no trees
202	N.S	0	0	Wetlands: no drains, trees
210	0.4	0	0	Bare dunes
211	0.4	0	0	Partially stabilized dunes

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Table 12.0.2 Total audit of land cover features in Shetland Islands Authority in which all mosaics are allocated according to primary or secondary feature (continued).

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
212	1.5	3.1	0	Links area: grass
222	6.4	2.9	0	Undiff. montane veg.: rock
223	8.4	3.4	0.8	Undiff. montane veg.: no rock
TOTAL	1029.1	444.1	444.1	

Table 12.0.3 Total audit of land cover features in Shetland Islands Authority in which all mosaics are separately identified. All areas are expressed in square kilometres to 1 decimal place; all percentages are expressed as % of the total area; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05

code	area	%	description
3	3.8	0.3	Factory
4	2.0	0.1	Airfield
5	0.7	N.S	Golf course
6	N.S	N.S	Cemeteries
7	N.S	N.S	Recreational land
10	16.3	1.1	Rock and cliffs (area)
12	1.4	0.1	Quarries and opencast (area)
14	N.S	N.S	Bings and refuse tips (area)
18	36.0	2.4	Water (area)
20	4.9	0.3	Built-up (area)
70	0.1	N.S	Coniferous plantation (area)
79	N.S	N.S	Undiff. mixed woodland (area)
90	75.2	5.1	Imp. pasture: no rock, no farms, no trees
91	0.6	N.S	Imp. pasture: no rock, no farms, trees
92	52.1	3.5	Imp. pasture: no rock, farms, no trees
94	1.3	0.1	Imp. pasture: rock, no farms, no trees
96	1.8	0.1	Imp. pasture: rock, farms, no trees
110	4.6	0.3	Dry heather moor: no rock, no burning, no trees
114	8.2	0.6	Dry heather moor: rock, no burning, no trees
120	5.0	0.3	Wet heather moor: no rock, no burning, no trees
130	127.8	8.7	Undiff. heather moor: no rock, no burning, no trees
134	19.9	1.3	Undiff. heather moor: rock, no burning, no trees
140	38.7	2.6	Undiff. Nardus/Molinia: no rock, no trees
142	19.4	1.3	Undiff. Nardus/Molinia: rock, no trees
150	0.5	N.S	Smooth grass/rushes: no rock, no trees
160	7.8	0.5	Undiff. smooth grass.: no rock, no trees
162	16.1	1.1	Undiff. smooth grass.: rock, no trees
180	413.3	28.1	Blanket bog/peat. veg.: erosion, no trees
182	53.7	3.6	Blanket bog/peat. veg.: no erosion, no trees
184	3.8	0.3	Blanket bog/peat. veg.: dubh lochans
185	0.3	N.S	Blanket bog/peat. veg.: industrial peat workings
186	63.2	4.3	Blanket bog/peat. veg.: other peat workings
190	0.1	N.S	Undiff. salt marsh: no trees
191	25.5	1.7	Maritime grassland: no trees

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Table 12.0.3 Total audit of land cover features in Shetland Islands Authority in which all mosaics are separately identified (continued).

code	area	%	description	
200	5.1	0.3	Wetlands: no drains, no trees	
201	2.7	0.2	Wetlands: drains, no trees	
202	N.S	N.S	Wetlands: no drains, trees	
210	0.4	N.S	Bare dunes	
211	0.4	N.S	Partially stabilized dunes	
212	1.5	0.1	Links area: grass	
222	6.4	0.4	Undiff. montane veg.: rock	
223	8.4	0.6	Undiff. montane veg.: no rock	
code	area	%	primary feature	secondary feature
301	5.4	0.4	Undiff. smooth grass.: rock, no trees	Dry heather moor: rock, no burning, no trees
303	0.6	N.S	Maritime grassland: no trees	Undiff. smooth grass.: rock, no trees
320	0.4	N.S	Imp. pasture: no rock, no farms, no trees	Wetlands: drains, no trees
326	8.7	0.6	Dry heather moor: rock, no burning, no trees	Undiff. smooth grass.: rock, no trees
328	19.9	1.3	Imp. pasture: no rock, no farms, no trees	Undiff. Nardus/Molinia: no rock, no trees
353	3.0	0.2	Imp. pasture: no rock, no farms, no trees	Smooth grass/rushes: no rock, no trees
356	0.9	0.1	Undiff. smooth grass.: no rock, no trees	Smooth grass/rushes: no rock, no trees
359	3.7	0.2	Undiff. heather moor: no rock, no burning, no trees	Imp. pasture: no rock, no farms, no trees
384	9.8	0.7	Blanket bog/peat. veg.: no erosion, no trees	Undiff. heather moor: rock, no burning, no trees
385	0.5	N.S	Undiff. heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
389	21.7	1.5	Dry heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
390	10.9	0.7	Imp. pasture: no rock, no farms, no trees	Undiff. smooth grass.: no rock, no trees
400	2.4	0.2	Undiff. smooth grass.: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
410	14.1	1.0	Undiff. smooth grass.: no rock, no trees	Imp. pasture: no rock, no farms, no trees
416	0.8	0.1	Undiff. Nardus/Molinia: no rock, no trees	Smooth grass/rushes: no rock, no trees
421	0.2	N.S	Undiff. smooth grass.: no rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
428	2.4	0.2	Undiff. Nardus/Molinia: rock, no trees	Dry heather moor: rock, no burning, no trees
442	18.9	1.3	Undiff. heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
444	3.3	0.2	Undiff. Nardus/Molinia: no rock, no trees	Undiff. smooth grass.: no rock, no trees
448	10.1	0.7	Undiff. heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: rock, no trees
449	5.0	0.3	Blanket bog/peat. veg.: no erosion, no trees	Undiff. Nardus/Molinia: no rock, no trees
450	0.6	N.S	Undiff. smooth grass.: rock, no trees	Smooth grass/rushes: no rock, no trees
451	1.6	0.1	Undiff. smooth grass.: rock, no trees	Imp. pasture: no rock, no farms, no trees
453	3.9	0.3	Imp. pasture: no rock, no farms, no trees	Undiff. smooth grass.: rock, no trees
480	13.6	0.9	Imp. pasture: no rock, farms, no trees	Undiff. smooth grass.: no rock, no trees
485	11.2	0.8	Undiff. Nardus/Molinia: no rock, no trees	Wet heather moor: no rock, no burning, no trees
494	2.7	0.2	Undiff. Nardus/Molinia: rock, no trees	Undiff. heather moor: rock, no burning, no trees
510	0.5	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. heather moor: no rock, no burning, no trees
521	6.3	0.4	Wet heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
530	6.5	0.4	Undiff. smooth grass.: rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
535	0.1	N.S	Dry heather moor: no rock, no burning, trees	Undiff. low scrub
540	0.8	0.1	Undiff. smooth grass.: rock, no trees	Maritime grassland: no trees
541	0.8	0.1	Imp. pasture: no rock, no farms, no trees	Undiff. heather moor: rock, no burning, no trees
564	7.3	0.5	Undiff. Nardus/Molinia: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
568	2.0	0.1	Dry heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: rock, no trees
602	0.8	0.1	Blanket bog/peat. veg.: erosion, no trees	Undiff. montane veg.: no rock
603	1.0	0.1	Undiff. montane veg.: no rock	Blanket bog/peat. veg.: erosion, no trees
616	1.2	0.1	Imp. pasture: rock, no farms, no trees	Wetlands: no drains, no trees
620	2.4	0.2	Undiff. montane veg.: no rock	Blanket bog/peat. veg.: no erosion, no trees
624	0.7	N.S	Undiff. smooth grass.: rock, no trees	Wetlands: no drains, no trees

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Table 12.0.3 Total audit of land cover features in Shetland Islands Authority in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
631	0.7	N.S	Undiff. smooth grass.: no rock, no trees	Dry heather moor: no rock, no burning, no trees
641	1.8	0.1	Wet heather moor: no rock, no burning, no trees	Dry heather moor: no rock, no burning, no trees
656	9.4	0.6	Undiff. heather moor: rock, no burning, no trees	Maritime grassland: no trees
668	14.1	1.0	Undiff. Nardus/Molinia: no rock, no trees	Imp. pasture: no rock, no farms, no trees
704	1.2	0.1	Wet heather moor: no rock, no burning, no trees	Undiff. smooth grass.: rock, no trees
719	3.1	0.2	Links area: grass	Wetlands: no drains, no trees
762	2.4	0.2	Undiff. Nardus/Molinia: no rock, no trees	Dry heather moor: no rock, no burning, no trees
823	0.4	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. Nardus/Molinia: rock, no trees
824	2.8	0.2	Imp. pasture: no rock, farms, no trees	Undiff. smooth grass.: rock, no trees
833	7.5	0.5	Imp. pasture: no rock, farms, no trees	Undiff. Nardus/Molinia: no rock, no trees
914	1.5	0.1	Undiff. Nardus/Molinia: rock, no trees	Imp. pasture: rock, no farms, no trees
933	9.0	0.6	Undiff. heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
955	5.1	0.3	Imp. pasture: no rock, no farms, no trees	Wetlands: no drains, no trees
956	1.3	0.1	Dry heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
968	12.0	0.8	Imp. pasture: no rock, farms, no trees	Wetlands: drains, no trees
969	0.8	0.1	Undiff. smooth grass.: no rock, no trees	Wetlands: no drains, no trees
970	2.1	0.1	Maritime grassland: no trees	Undiff. heather moor: no rock, no burning, no trees
971	16.2	1.1	Imp. pasture: no rock, farms, no trees	Wetlands: no drains, no trees
972	2.5	0.2	Undiff. heather moor: no rock, no burning, no trees	Maritime grassland: no trees
976	4.0	0.3	Undiff. smooth grass.: no rock, no trees	Maritime grassland: no trees
977	0.8	0.1	Maritime grassland: no trees	Dry heather moor: no rock, no burning, no trees
980	0.4	N.S	Imp. pasture: no rock, no farms, no trees	Dry heather moor: no rock, no burning, no trees
985	2.9	0.2	Undiff. montane veg.: rock	Rock and cliffs (area)
1005	0.9	0.1	Wet heather moor: no rock, no burning, no trees	Maritime grassland: no trees
1007	0.5	N.S	Undiff. heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: rock, no trees
1016	4.0	0.3	Dry heather moor: rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
1030	89.2	6.1	Undiff. heather moor: rock, no burning, no trees	Wet heather moor: no rock, no burning, no trees
1031	0.2	N.S	Undiff. heather moor: rock, no burning, no trees	Wetlands: no drains, no trees
1032	1.7	0.1	Undiff. Nardus/Molinia: rock, no trees	Imp. pasture: no rock, no farms, no trees
1033	13.5	0.9	Undiff. Nardus/Molinia: rock, no trees	Wet heather moor: no rock, no burning, no trees
1034	0.9	0.1	Undiff. Nardus/Molinia: rock, no trees	Wetlands: no drains, no trees
1054	10.6	0.7	Dry heather moor: rock, no burning, no trees	Wet heather moor: no rock, no burning, no trees
1056	6.3	0.4	Wet heather moor: rock, no burning, no trees	Water (point)
1059	0.7	N.S	Undiff. smooth grass.: no rock, trees	Undiff. smooth grass.: no rock, no trees
1088	1.0	0.1	Wet heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: rock, no trees
1110	2.5	0.2	Undiff. Nardus/Molinia: no rock, no trees	Wetlands: no drains, no trees
1114	0.3	N.S	Imp. pasture: no rock, no farms, no trees	Maritime grassland: no trees
1122	0.7	N.S	Undiff. heather moor: rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
1144	2.7	0.2	Undiff. smooth grass.: rock, no trees	Imp. pasture: no rock, farms, no trees
TOTAL	1473.2	100.0		

Cover types		single feature		features in mosaics	
		area	%	primary	secondary
Open countryside					
A	Arable	6.0	0.2	18.0	10.0
B	Improved grassland	99.9	3.2	129.3	34.1
C	Good rough grassland	26.0	0.8	11.4	77.3
D	Poor rough grassland	12.4	0.4	14.1	17.7
E	Bracken	0	0	0.4	0.2
F	Heather moorland	246.6	8.0	791.9	509.7
G	Peatland	446.9	14.5	890.2	1180.1
H	Montane	46.9	1.5	23.5	15.9
I	Rock and cliffs	32.2	1.0	12.5	39.2
Woodland					
J	Felled woodland	0	0	0	0
K	Recent planting	3.9	0.1	N.S	N.S
L	Coniferous plantation	5.1	0.2	N.S	0.6
M	Semi-natural coniferous	0	0	0	0
N	Mixed woodland	0.9	N.S	0	0
O	Broadleaved	0.1	N.S	0	0
P	Scrub	0.1	N.S	0	0
Wet ground					
Q	Fresh waters	180.5	5.8	N.S	0.2
R	Marshes	8.8	0.3	1.9	3.2
S	Saltmarshes	4.2	0.1	0.1	0.1
T	Dunes	46.8	1.5	17.5	22.3
U	Tidal waters	0	0	0	0
Developed					
V	Rural development	5.8	0.2	0.6	0.8
W	Urban	4.3	0.1	0	0
Other					
X	Missing photography/obscured land	1.9	0.1	0.1	0.1
SUBTOTAL		1179.2	38.2		
Y	Mosaics of types above	1911.6	61.8	1911.6	1911.6
ISLAND AUTHORITY TOTAL		3090.9	100.0		

Nationally significant mosaics			area	%
FG	Heather moorland	Peatland	1248.5	40.4
DF	Poor rough grassland	Heather moorland	5.6	0.2
CF	Good rough grassland	Heather moorland	5.8	0.2
GH	Peatland	Montane	39.5	1.3
CD	Good rough grassland	Poor rough grassland	3.6	0.1
BC	Improved grassland	Good rough grassland	69.3	2.2
CE	Good rough grassland	Bracken	0	0
DG	Poor rough grassland	Peatland	13.9	0.4
FH	Heather moorland	Montane	0	0
SUBTOTAL			1386.2	44.8
Locally significant mosaics			area	%
BG	Improved grassland	Peatland	45.0	1.5
GI	Peatland	Rock and cliffs	41.0	1.3
BF	Improved grassland	Heather moorland	35.1	1.1
AT	Arable	Dunes	28.0	0.9
BD	Improved grassland	Poor rough grassland	8.8	0.3
SUBTOTAL			157.9	5.1
Remaining mosaics			367.5	11.9
MOSAICS OF SUMMARY COVER TYPES			1911.6	61.8

Table 13.0.1

Western Isles

Land cover summary categories

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not match the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05. Please refer to Figure 6.2 for guidance in the interpretation of this table.

Table 13.0.2 Total audit of land cover features in Western Isles Authority in which all mosaics are allocated according to primary or secondary feature.

All areas are expressed in square kilometres to 1 decimal place; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S. = not significant = < 0.05 sq km. Please refer to Figure 6.3 for guidance in the interpretation of this table.

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
3	0.2	0	0	Factory
4	4.3	0	0	Airfield
5	0.3	0.6	0	Golf course
6	0.1	0	0	Cemeteries
7	0.1	0	0	Recreational land
10	32.2	12.5	39.2	Rock and cliffs (area)
12	0.8	0	0.8	Quarries and opencast (area)
18	180.5	N.S	0.2	Water (area)
20	4.3	0	0	Built-up (area)
21	0.1	0	0	Transport features, road
25	0.8	0.1	0.1	No photography
26	1.2	0	0	Cloud cover
70	5.1	N.S	0	Coniferous plantation (area)
72	0	0	0.6	Coniferous plantation (point)
76	0.1	0	0	Undiff. broadleaved (area)
79	0.9	0	0	Undiff. mixed woodland (area)
82	0.1	0	0	Undiff. low scrub
83	3.2	N.S	N.S	Recent ploughing for forestry
85	0.8	0	0	Open canopy (young plantation)
90	37.7	67.9	13.8	Imp. pasture: no rock, no farms, no trees
92	19.9	31.9	0	Imp. pasture: no rock, farms, no trees
94	28.8	24.2	18.9	Imp. pasture: rock, no farms, no trees
96	13.5	5.2	1.4	Imp. pasture: rock, farms, no trees
100	6.0	17.9	10.0	Arable: no rock, no farms, no trees
102	0	0.1	0	Arable: no rock, farms, no trees
114	N.S	1.5	2.3	Dry heather moor: rock, no burning, no trees
120	3.1	60.9	90.2	Wet heather moor: no rock, no burning, no trees
121	0.3	0	0	Wet heather moor: no rock, no burning, trees
124	195.5	711.0	416.0	Wet heather moor: rock, no burning, no trees
125	N.S	0	0	Wet heather moor: rock, no burning, trees
130	0.7	0.8	0.7	Undiff. heather moor: no rock, no burning, no trees
132	0	0.2	0	Undiff. heather moor: no rock, burning, no trees
134	47.0	17.4	0.4	Undiff. heather moor: rock, no burning, no trees
140	3.7	9.7	16.7	Undiff. Nardus/Molinia: no rock, no trees
142	8.7	4.5	1.0	Undiff. Nardus/Molinia: rock, no trees
150	0.5	0.9	71.5	Smooth grass/rushes: no rock, no trees
157	0.2	0	0	Smooth grass/low scrub: rock, no trees
160	1.6	2.1	1.1	Undiff. smooth grass.: no rock, no trees
161	N.S	0	0	Undiff. smooth grass.: no rock, trees
162	14.0	3.7	1.8	Undiff. smooth grass.: rock, no trees
172	0	0.4	0.2	Undiff. bracken: rock, no trees
180	116.4	441.6	144.6	Blanket bog/peat. veg.: erosion, no trees
182	189.0	422.9	1004.4	Blanket bog/peat. veg.: no erosion, no trees
184	30.1	7.8	3.8	Blanket bog/peat. veg.: dubh lochans

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Table 13.0.2 Total audit of land cover features in Western Isles Authority in which all mosaics are allocated according to primary or secondary feature (continued).

code	area sq km			description
	single feature	features in mosaics		
		primary	secondary	
185	0.3	0	0	Blanket bog/peat. veg.: industrial peat workings
186	111.1	17.9	27.4	Blanket bog/peat. veg.: other peat workings
190	4.2	0.1	0.1	Undiff. salt marsh: no trees
191	9.7	4.7	2.9	Maritime grassland: no trees
200	1.4	0.2	0	Wetlands: no drains, no trees
201	7.4	1.7	3.2	Wetlands: drains, no trees
210	4.8	0.5	2.5	Bare dunes
211	5.6	2.4	1.2	Partially stabilized dunes
212	36.4	14.7	18.6	Links area: grass
221	0.5	0	0	recoded as 180
222	43.9	16.8	8.2	Undiff. montane veg.: rock
223	2.5	6.7	7.8	Undiff. montane veg.: no rock
TOTAL	1179.2	1911.6	1911.6	

Table 13.0.3 Total audit of land cover features in Western Isles Authority in which all mosaics are separately identified.

All areas are expressed in square kilometres to 1 decimal place; all percentages are expressed as % of the total area; the totals shown may not be the totals of the columns due to rounding error discrepancies; 0 = not present; N.S = not significant = < 0.05

code	area	%	description
3	0.2	N.S	Factory
4	4.3	0.1	Airfield
5	0.3	N.S	Golf course
6	0.1	N.S	Cemeteries
7	0.1	N.S	Recreational land
10	32.2	1.0	Rock and cliffs (area)
12	0.8	N.S	Quarries and opencast (area)
18	180.5	5.8	Water (area)
20	4.3	0.1	Built-up (area)
21	0.1	N.S	Transport features, road
25	0.8	N.S	No photography
26	1.2	N.S	Cloud cover
70	5.1	0.2	Coniferous plantation (area)
76	0.1	N.S	Undiff. broadleaved (area)
79	0.9	N.S	Undiff. mixed woodland (area)
82	0.1	N.S	Undiff. low scrub
83	3.2	0.1	Recent ploughing for forestry
85	0.8	N.S	Open canopy (young plantation)
90	37.7	1.2	Imp. pasture: no rock, no farms, no trees
92	19.9	0.6	Imp. pasture: no rock, farms, no trees
94	28.8	0.9	Imp. pasture: rock, no farms, no trees
96	13.5	0.4	Imp. pasture: rock, farms, no trees
100	6.0	0.2	Arable: no rock, no farms, no trees

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Table 13.0.3 Total audit of land cover features in Western Isles Authority in which all mosaics are separately identified (continued).

code	area	%	description	
114	N.S	N.S	Dry heather moor: rock, no burning, no trees	
120	3.1	0.1	Wet heather moor: no rock, no burning, no trees	
121	0.3	N.S	Wet heather moor: no rock, no burning, trees	
124	195.5	6.3	Wet heather moor: rock, no burning, no trees	
125	N.S	N.S	Wet heather moor: rock, no burning, trees	
130	0.7	N.S	Undiff. heather moor: no rock, no burning, no trees	
134	47.0	1.5	Undiff. heather moor: rock, no burning, no trees	
140	3.7	0.1	Undiff. Nardus/Molinia: no rock, no trees	
142	8.7	0.3	Undiff. Nardus/Molinia: rock, no trees	
150	0.5	N.S	Smooth grass/rushes: no rock, no trees	
157	0.2	N.S	Smooth grass/low scrub: rock, no trees	
160	1.6	0.1	Undiff. smooth grass.: no rock, no trees	
161	N.S	N.S	Undiff. smooth grass.: no rock, trees	
162	14.0	0.5	Undiff. smooth grass.: rock, no trees	
180	116.4	3.8	Blanket bog/peat. veg.: erosion, no trees	
182	189.0	6.1	Blanket bog/peat. veg.: no erosion, no trees	
184	30.1	1.0	Blanket bog/peat. veg.: dubh lochans	
185	0.3	N.S	Blanket bog/peat. veg.: industrial peat workings	
186	111.1	3.6	Blanket bog/peat. veg.: other peat workings	
190	4.2	0.1	Undiff. salt marsh: no trees	
191	9.7	0.3	Maritime grassland: no trees	
200	1.4	N.S	Wetlands: no drains, no trees	
201	7.4	0.2	Wetlands: drains, no trees	
210	4.8	0.2	Bare dunes	
211	5.6	0.2	Partially stabilized dunes	
212	36.4	1.2	Links area: grass	
221	0.5	N.S	recoded as 180	
222	43.9	1.4	Undiff. montane veg.: rock	
223	2.5	0.1	Undiff. montane veg.: no rock	
code	area	%	primary feature	secondary feature
301	1.9	0.1	Undiff. smooth grass.: rock, no trees	Dry heather moor: rock, no burning, no trees
302	0.8	N.S	Wet heather moor: rock, no burning, no trees	Maritime grassland: no trees
303	0.2	N.S	Maritime grassland: no trees	Undiff. smooth grass.: rock, no trees
304	3.7	0.1	Wet heather moor: rock, no burning, no trees	Rock and cliffs (area)
305	17.9	0.6	Arable: no rock, no farms, no trees	Links area: grass
306	1.0	N.S	Wetlands: drains, no trees	Imp. pasture: no rock, no farms, no trees
307	1.7	0.1	Blanket bog/peat. veg.: other peat workings	Imp. pasture: no rock, no farms, no trees
308	11.2	0.4	Imp. pasture: no rock, no farms, no trees	Blanket bog/peat. veg.: other peat workings
309	2.4	0.1	Blanket bog/peat. veg.: no erosion, no trees	Blanket bog/peat. veg.: other peat workings
310	1.1	N.S	Imp. pasture: rock, farms, no trees	Blanket bog/peat. veg.: other peat workings
311	0.4	N.S	Undiff. bracken: rock, no trees	Dry heather moor: rock, no burning, no trees
312	654.1	21.2	Wet heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
313	246.7	8.0	Blanket bog/peat. veg.: no erosion, no trees	Wet heather moor: rock, no burning, no trees
314	3.7	0.1	Imp. pasture: rock, no farms, no trees	Blanket bog/peat. veg.: other peat workings
315	2.5	0.1	Wet heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: other peat workings
316	0.2	N.S	Dry heather moor: rock, no burning, no trees	Undiff. bracken: rock, no trees
317	0.1	N.S	Undiff. smooth grass.: rock, no trees	Undiff. heather moor: rock, no burning, no trees
318	8.2	0.3	Imp. pasture: rock, no farms, no trees	Wet heather moor: rock, no burning, no trees
319	1.6	0.1	Partially stabilized dunes	Bare dunes

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Table 13.0.3 Total audit of land cover features in Western Isles Authority in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
320	3.0	0.1	Imp. pasture: no rock, no farms, no trees	Wetlands: drains, no trees
321	0.1	N.S	Wetlands: drains, no trees	Wet heather moor: rock, no burning, no trees
322	0.1	N.S	Wetlands: drains, no trees	Imp. pasture: rock, no farms, no trees
323	7.6	0.2	Imp. pasture: rock, no farms, no trees	Blanket bog/peat. veg.: no erosion, no trees
324	11.6	0.4	Imp. pasture: no rock, no farms, no trees	Blanket bog/peat. veg.: no erosion, no trees
325	10.0	0.3	Links area: grass	Arable: no rock, no farms, no trees
326	1.4	N.S	Dry heather moor: rock, no burning, no trees	Undiff. smooth grass.: rock, no trees
327	N.S	N.S	Water (area)	Wetlands: drains, no trees
328	7.0	0.2	Imp. pasture: no rock, no farms, no trees	Undiff. Nardus/Molinia: no rock, no trees
329	1.8	0.1	Imp. pasture: no rock, no farms, no trees	Wet heather moor: rock, no burning, no trees
330	0.2	N.S	Wetlands: no drains, no trees	Water (area)
331	0.6	N.S	Rock and cliffs (area)	Wet heather moor: rock, no burning, no trees
332	0.1	N.S	Undiff. smooth grass.: rock, no trees	Wet heather moor: rock, no burning, no trees
333	2.5	0.1	Links area: grass	Rock and cliffs (area)
334	0.9	N.S	Links area: grass	Bare dunes
335	0.1	N.S	Arable: no rock, farms, no trees	Links area: grass
336	0.7	N.S	Links area: grass	Blanket bog/peat. veg.: no erosion, no trees
337	0.1	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. salt marsh: no trees
338	0.4	N.S	Wetlands: drains, no trees	Links area: grass
339	1.6	0.1	Blanket bog/peat. veg.: no erosion, no trees	Maritime grassland: no trees
340	28.4	0.9	Wet heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: erosion, no trees
341	2.0	0.1	Imp. pasture: no rock, farms, no trees	Blanket bog/peat. veg.: no erosion, no trees
342	0.1	N.S	Blanket bog/peat. veg.: other peat workings	Blanket bog/peat. veg.: no erosion, no trees
343	139.8	4.5	Blanket bog/peat. veg.: erosion, no trees	Wet heather moor: rock, no burning, no trees
344	12.8	0.4	Blanket bog/peat. veg.: other peat workings	Wet heather moor: rock, no burning, no trees
345	1.1	N.S	Blanket bog/peat. veg.: no erosion, no trees	Imp. pasture: rock, no farms, no trees
346	0.2	N.S	Undiff. heather moor: no rock, burning, no trees	Wet heather moor: rock, no burning, no trees
347	0.1	N.S	Bare dunes	Links area: grass
348	0.1	N.S	Undiff. salt marsh: no trees	Links area: grass
349	1.1	N.S	Blanket bog/peat. veg.: other peat workings	Imp. pasture: rock, no farms, no trees
353	32.0	1.0	Imp. pasture: no rock, no farms, no trees	Smooth grass/rushes: no rock, no trees
354	0.3	N.S	Blanket bog/peat. veg.: other peat workings	Maritime grassland: no trees
355	0.7	N.S	Blanket bog/peat. veg.: no erosion, no trees	Smooth grass/rushes: no rock, no trees
357	0.2	N.S	Links area: grass	Imp. pasture: no rock, no farms, no trees
358	56.5	1.8	Blanket bog/peat. veg.: no erosion, no trees	Wet heather moor: no rock, no burning, no trees
360	16.7	0.5	Undiff. heather moor: rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
361	53.8	1.7	Wet heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
363	0.5	N.S	Wet heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: other peat workings
371	0.1	N.S	Maritime grassland: no trees	Wet heather moor: no rock, no burning, no trees
372	0.8	N.S	Blanket bog/peat. veg.: other peat workings	Wet heather moor: no rock, no burning, no trees
374	0.4	N.S	Undiff. heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: no erosion, no trees
375	0.2	N.S	Links area: grass	Wetlands: drains, no trees
385	0.4	N.S	Undiff. heather moor: no rock, no burning, no trees	Undiff. smooth grass.: no rock, no trees
388	0.1	N.S	Wetlands: drains, no trees	Water (area)
390	0.1	N.S	Imp. pasture: no rock, no farms, no trees	Undiff. smooth grass.: no rock, no trees
399	0.4	N.S	Smooth grass/rushes: no rock, no trees	Imp. pasture: no rock, no farms, no trees
400	0.2	N.S	Undiff. smooth grass.: no rock, no trees	Undiff. heather moor: no rock, no burning, no trees
402	0.2	N.S	Smooth grass/rushes: no rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
414	6.0	0.2	Undiff. Nardus/Molinia: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
416	0.7	N.S	Undiff. Nardus/Molinia: no rock, no trees	Smooth grass/rushes: no rock, no trees

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Table 13.0.3 Total audit of land cover features in Western Isles Authority in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
421	1.4	N.S	Undiff. smooth grass.: no rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
429	2.0	0.1	Undiff. Nardus/Molinia: rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
444	0.5	N.S	Undiff. Nardus/Molinia: no rock, no trees	Undiff. smooth grass.: no rock, no trees
448	0.2	N.S	Undiff. heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: rock, no trees
449	4.5	0.1	Blanket bog/peat. veg.: no erosion, no trees	Undiff. Nardus/Molinia: no rock, no trees
450	0.7	N.S	Undiff. smooth grass.: rock, no trees	Smooth grass/rushes: no rock, no trees
452	4.5	0.1	Imp. pasture: rock, no farms, no trees	Smooth grass/rushes: no rock, no trees
474	1.1	N.S	Blanket bog/peat. veg.: erosion, no trees	Undiff. Nardus/Molinia: no rock, no trees
485	0.6	N.S	Undiff. Nardus/Molinia: no rock, no trees	Wet heather moor: no rock, no burning, no trees
494	0.3	N.S	Undiff. Nardus/Molinia: rock, no trees	Undiff. heather moor: rock, no burning, no trees
499	0.1	N.S	Imp. pasture: rock, no farms, no trees	Undiff. smooth grass.: rock, no trees
516	11.9	0.4	Rock and cliffs (area)	Blanket bog/peat. veg.: no erosion, no trees
517	1.9	0.1	Undiff. Nardus/Molinia: rock, no trees	Wet heather moor: rock, no burning, no trees
518	28.1	0.9	Imp. pasture: no rock, farms, no trees	Smooth grass/rushes: no rock, no trees
519	0.1	N.S	Maritime grassland: no trees	Smooth grass/rushes: no rock, no trees
520	0.1	N.S	Maritime grassland: no trees	Undiff. Nardus/Molinia: rock, no trees
521	1.1	N.S	Wet heather moor: no rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
522	3.9	0.1	Maritime grassland: no trees	Rock and cliffs (area)
524	0.1	N.S	Smooth grass/rushes: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
526	0.1	N.S	Wet heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: no rock, no trees
527	0.8	N.S	Undiff. Nardus/Molinia: no rock, no trees	Wet heather moor: rock, no burning, no trees
528	0.3	N.S	Undiff. smooth grass.: no rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
530	0.1	N.S	Undiff. smooth grass.: rock, no trees	Undiff. Nardus/Molinia: no rock, no trees
531	0.3	N.S	Undiff. montane veg.: rock	Blanket bog/peat. veg.: dubh lochans
539	1.9	0.1	Blanket bog/peat. veg.: no erosion, no trees	Blanket bog/peat. veg.: dubh lochans
540	0.3	N.S	Undiff. smooth grass.: rock, no trees	Maritime grassland: no trees
542	16.2	0.5	Wet heather moor: rock, no burning, no trees	Imp. pasture: rock, no farms, no trees
543	0.3	N.S	Undiff. Nardus/Molinia: rock, no trees	Smooth grass/rushes: no rock, no trees
544	5.8	0.2	Blanket bog/peat. veg.: no erosion, no trees	Rock and cliffs (area)
545	0.1	N.S	Smooth grass/rushes: no rock, no trees	Undiff. Nardus/Molinia: rock, no trees
556	2.1	0.1	Wet heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: erosion, no trees
563	N.S	N.S	Undiff. smooth grass.: rock, no trees	Rock and cliffs (area)
565	30.7	1.0	Blanket bog/peat. veg.: erosion, no trees	Wet heather moor: no rock, no burning, no trees
567	3.3	0.1	Wet heather moor: rock, no burning, no trees	Imp. pasture: no rock, no farms, no trees
571	0.2	N.S	Undiff. smooth grass.: rock, no trees	Blanket bog/peat. veg.: no erosion, no trees
573	0.6	N.S	Wet heather moor: rock, no burning, no trees	Undiff. Nardus/Molinia: rock, no trees
579	0.2	N.S	Undiff. Nardus/Molinia: no rock, no trees	Undiff. smooth grass.: rock, no trees
582	0.3	N.S	Maritime grassland: no trees	Wet heather moor: rock, no burning, no trees
583	N.S	N.S	Coniferous plantation (area)	Wet heather moor: rock, no burning, no trees
595	0.1	N.S	Imp. pasture: rock, farms, no trees	Wet heather moor: rock, no burning, no trees
596	96.7	3.1	Blanket bog/peat. veg.: no erosion, no trees	Blanket bog/peat. veg.: erosion, no trees
597	N.S	N.S	Maritime grassland: no trees	Blanket bog/peat. veg.: other peat workings
598	1.0	N.S	Wet heather moor: rock, no burning, no trees	Imp. pasture: rock, farms, no trees
599	7.4	0.2	Blanket bog/peat. veg.: erosion, no trees	Undiff. montane veg.: rock
600	4.1	0.1	Imp. pasture: rock, farms, no trees	Smooth grass/rushes: no rock, no trees
601	0.2	N.S	Imp. pasture: rock, no farms, no trees	Undiff. Nardus/Molinia: no rock, no trees
602	7.4	0.2	Blanket bog/peat. veg.: erosion, no trees	Undiff. montane veg.: no rock
603	4.6	0.1	Undiff. montane veg.: no rock	Blanket bog/peat. veg.: erosion, no trees
607	8.4	0.3	Undiff. montane veg.: rock	Blanket bog/peat. veg.: erosion, no trees
608	8.2	0.3	Undiff. montane veg.: rock	Blanket bog/peat. veg.: no erosion, no trees

continued on next page

Table 13.0.3 Total audit of land cover features in Western Isles Authority in which all mosaics are separately identified (continued).

code	area	%	primary feature	secondary feature
609	0.6	N.S	Golf course	Coniferous plantation (point)
620	2.1	0.1	Undiff. montane veg.: no rock	Blanket bog/peat. veg.: no erosion, no trees
625	0.8	N.S	Blanket bog/peat. veg.: no erosion, no trees	Undiff. montane veg.: rock
626	23.2	0.8	Blanket bog/peat. veg.: erosion, no trees	Rock and cliffs (area)
627	0.4	N.S	Blanket bog/peat. veg.: no erosion, no trees	Undiff. montane veg.: no rock
657	0.9	N.S	Blanket bog/peat. veg.: other peat workings	Blanket bog/peat. veg.: erosion, no trees
665	0.6	N.S	Undiff. heather moor: rock, no burning, no trees	Undiff. heather moor: no rock, no burning, no trees
666	1.2	N.S	Blanket bog/peat. veg.: erosion, no trees	Blanket bog/peat. veg.: dubh lochans
667	1.9	0.1	Blanket bog/peat. veg.: dubh lochans	Wet heather moor: rock, no burning, no trees
668	0.7	N.S	Undiff. Nardus/Molinia: no rock, no trees	Imp. pasture: no rock, no farms, no trees
669	0.6	N.S	Blanket bog/peat. veg.: dubh lochans	Wet heather moor: no rock, no burning, no trees
670	0.3	N.S	Wet heather moor: no rock, no burning, no trees	Imp. pasture: rock, no farms, no trees
671	0.3	N.S	Wet heather moor: no rock, no burning, no trees	Blanket bog/peat. veg.: dubh lochans
673	3.6	0.1	Blanket bog/peat. veg.: dubh lochans	Blanket bog/peat. veg.: erosion, no trees
688	3.9	0.1	Blanket bog/peat. veg.: no erosion, no trees	Imp. pasture: no rock, no farms, no trees
689	225.0	7.3	Blanket bog/peat. veg.: erosion, no trees	Blanket bog/peat. veg.: no erosion, no trees
690	5.8	0.2	Blanket bog/peat. veg.: erosion, no trees	Blanket bog/peat. veg.: other peat workings
692	1.6	0.1	Blanket bog/peat. veg.: dubh lochans	Blanket bog/peat. veg.: no erosion, no trees
693	2.7	0.1	Wet heather moor: no rock, no burning, no trees	Imp. pasture: no rock, no farms, no trees
698	0.3	N.S	Undiff. smooth grass.: rock, no trees	Partially stabilized dunes
699	0.3	N.S	Wet heather moor: rock, no burning, no trees	Smooth grass/rushes: no rock, no trees
700	0.4	N.S	Imp. pasture: no rock, farms, no trees	Imp. pasture: rock, farms, no trees
701	0.2	N.S	Smooth grass/rushes: no rock, no trees	Wet heather moor: rock, no burning, no trees
702	0.3	N.S	Undiff. smooth grass.: no rock, no trees	Partially stabilized dunes
703	0.1	N.S	Blanket bog/peat. veg.: other peat workings	Rock and cliffs (area)
723	0.3	N.S	Bare dunes	Partially stabilized dunes
816	1.0	N.S	Imp. pasture: no rock, no farms, no trees	Wet heather moor: no rock, no burning, no trees
817	0.5	N.S	Imp. pasture: no rock, farms, no trees	Wet heather moor: rock, no burning, no trees
826	0.2	N.S	Undiff. Nardus/Molinia: no rock, no trees	Blanket bog/peat. veg.: other peat workings
827	0.2	N.S	Links area: grass	Partially stabilized dunes
829	N.S	N.S	Blanket bog/peat. veg.: dubh lochans	Recent ploughing for forestry
830	N.S	N.S	Recent ploughing for forestry	Blanket bog/peat. veg.: dubh lochans
833	0.9	N.S	Imp. pasture: no rock, farms, no trees	Undiff. Nardus/Molinia: no rock, no trees
834	0.2	N.S	Blanket bog/peat. veg.: other peat workings	Undiff. Nardus/Molinia: no rock, no trees
836	0.8	N.S	Partially stabilized dunes	Quarries and opencast (area)
998	0.1	N.S	No photography	No photography
TOTAL	3090.9	100.0		