

Drongan SERIES

A. SOIL MAP UNIT DESCRIPTION

SOIL CLASSIFICATION

SCOT: Noncalcareous
gleys (Brown forest
soils with gleying on
some maps)

SSEW: Cambic
stagnogley soils

SOIL ASSOCIATION DRONGAN

PARENT MATERIAL

Silty clay till derived from
Carboniferous marls,
mainly of the Coal
Measures Group.

DRAINAGE CLASS

Imperfect

PERMEABILITY CLASS

Slow

REFERENCES

soil maps —
1:63 360 sheets
14 (Ayr)
23 (Hamilton)
31 (Airdrie)

LOCATION AND EXTENT

In Central Ayrshire between Drongan and Ochiltree.
Locally in the Clyde valley near Lanark, Bothwell and
near Airdrie. 40 sq km.

LANDFORM

Undulating lowlands with gentle and moderate slopes;
altitudes between 50 and 170 m.

VEGETATION

Ley and permanent pastures; some arable; some rush
pastures and sedge mires.

CLIMATE

	<i>Ayrshire</i>	<i>Clyde Valley</i>
<i>av. ann. rainfall, mm</i>	1150	900
<i>accum. temperature</i> <i>(day °C above 0°C Jan-Jun)</i>	1290-1450	1210-1370
<i>maximum PSMD, mm</i>	110	100
<i>growing season, days</i>	255	225
<i>field capacity</i>	early Oct to early Mar	mid-Oct to early Mar

SOIL DESCRIPTION

	<i>topsoil</i>	<i>subsoil</i>
<i>colour</i>	dark greyish brown	reddish brown
<i>texture</i>	clay loam	clay loam or silty clay loam
<i>structure</i>	moderate medium subangular blocky	moderate coarse prismatic
<i>stone content</i>	very slightly stony	slightly stony
<i>potential rooting depth</i>	30-40 cm, restricted by compact subsoil	
COMMENT	Seedbed susceptibility to slaking associated with high silt content	

SOIL CHEMISTRY

Subsoils are locally slightly calcareous.

MAP UNIT VARIATION

A few poorly drained soils occur locally