

Innerwick SERIES

A. SOIL MAP UNIT DESCRIPTION

SOIL CLASSIFICATION

SCOT: Brown forest
soils
SSEW: Typical brown
sands

SOIL ASSOCIATION INNERWICK

PARENT MATERIAL

Red fluvioglacial sands
derived from sedimentary
rocks of the Upper Old
Red Sandstone.

DRAINAGE CLASS

Free

PERMEABILITY CLASS

Rapid

REFERENCES

soil maps —
1:63 360 sheets
33/34 (Haddington/
Eyemouth)

memoirs —
Soils round Haddington and
Eyemouth

LOCATION AND EXTENT

South-east Scotland. Around Oldhamstocks,
Cockburnspath and Innerwick. Locally around Garvald.
22 sq km.

LANDFORM

Undulating lowlands with gentle and strong slopes.

VEGETATION

Arable; ley pastures.

CLIMATE

<i>av. ann. rainfall, mm</i>	700-750
<i>accum. temperature</i> <i>(day °C above 0°C Jan-Jun)</i>	1230-1390
<i>maximum PSMD, mm</i>	140-160
<i>growing season, days</i>	225
<i>field capacity</i>	mid-Nov to early Mar

SOIL DESCRIPTION

topsoil

subsoil

<i>colour</i>	brown or dark reddish brown	reddish brown or red
<i>texture</i>	sandy loam	sandy loam or loamy sand
<i>structure</i>	weak subangular blocky	weak subangular blocky
<i>stone content</i>	slightly stony	slightly stony
<i>potential rooting depth</i>	unrestricted	
COMMENT	Red colour of the parent material is characteristic. The soils form part of the group known as the "Dunbar Red Soils".	

SOIL CHEMISTRY

High percentage base saturation throughout.

MAP UNIT VARIATION

Locally the parent material comprises sands and gravels.