

Soils of Moor House
Dataset Documentation

Soil Map of the Moor House National Nature Reserve (1963)

Document Version: 1: 1/7/2013

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Moor_House_Soils file details:

- Contains polygons representing areas of soil types, digitized by the Centre for Ecology & Hydrology from the 'Soil Map of the Moor House National Nature Reserve (1963), Westmorland. Soil Survey for the Nature Conservancy' (see below). The mapping categories used are listed in the table on page 2 of this document. Further information regarding the mapping procedures and descriptions of categories are outlined in Johnson and Dunham (1963).

Columns:

SOIL (*text*) Description of soil type (see table below)

SYMBOL (*number*) Numeric code representing soil description (see table below)

Resolution	1:10560 (6 inches to 1 mile) (<i>simplified</i>)
Coordinate system	British National Grid
Projection	Transverse Mercator
Projection	British National Grid OSGB1936
Extent	Great Britain

Further reading:

- **Soil Map of the Moor House National Nature Reserve (1963), Westmorland. Soil Survey for the Nature Conservancy** by G.A.L. Johnson in *The Geology of Moor House, a National Nature Reserve in north-east Westmorland* / Johnson G.A.L., Dunham K.C., Monographs of the Nature Conservancy (No.2) 1963, HMSO. (*Chapter 15 supplied as supporting documentation*)
- **Environmental Change Network.** <http://data.ecn.ac.uk/sites/ecnsites.asp?site=T04>

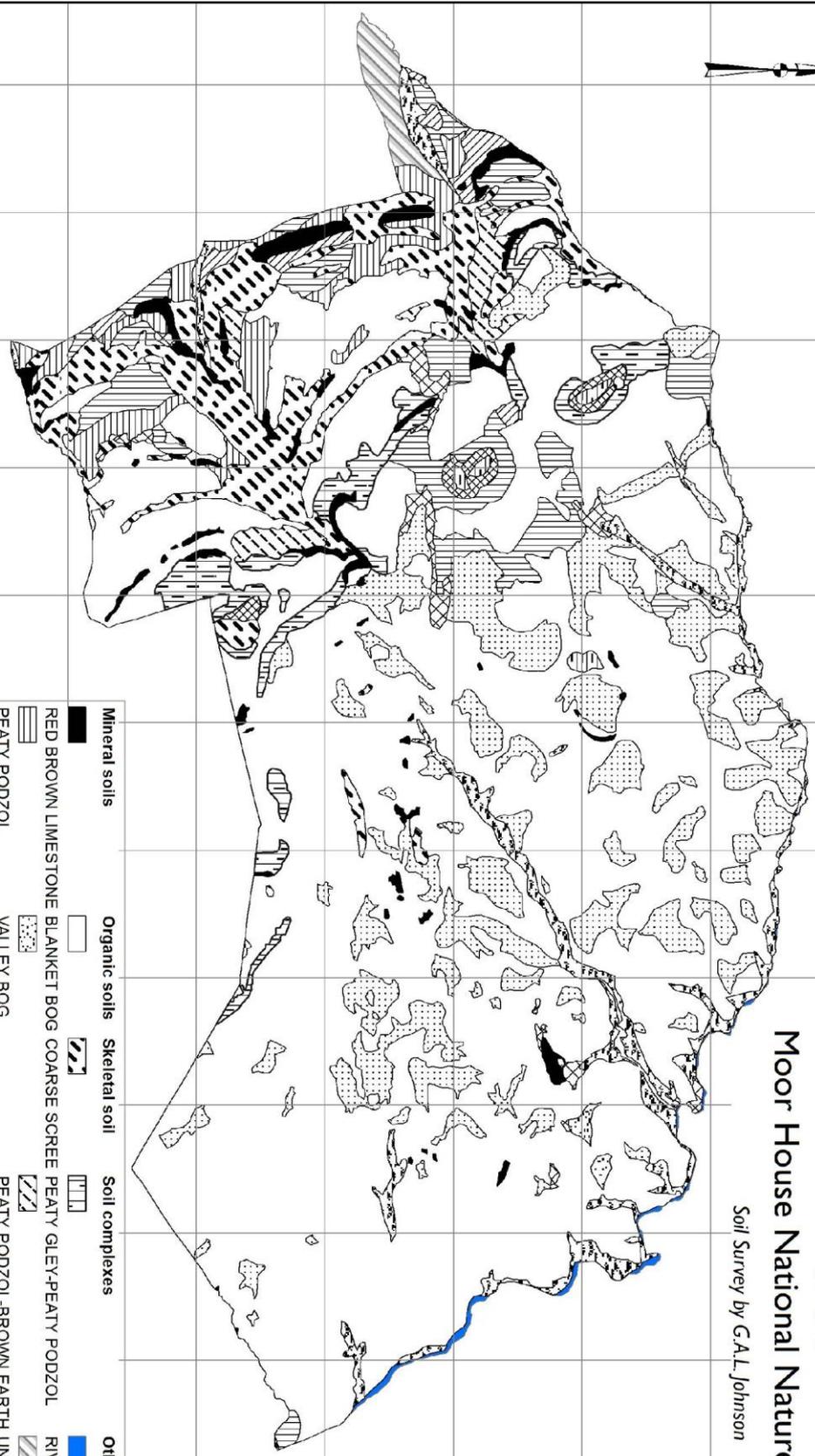
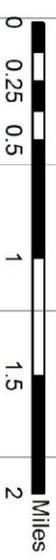
List of Mapped Soil Types with Accompanying Codes

SOIL	DESCRIPTION	SYMBOL
<i>Mineral soils</i>		
RED BROWN LIMESTONE	Red brown limestone soils	5
PEATY PODZOL	Peaty podzol soils	43
PEATY GLEY	Peaty gley soils	74
FELL TOP PODZOL	Fell top podzol soils	53
BROWN EARTH	Brown earth soils	6
<i>Organic soils</i>		
BLANKET BOG	Blanket bog	2
VALLEY BOG	Valley bog	40
<i>Skeletal soil</i>		
COARSE SCREE	Coarse scree	52
<i>Soil complexes</i>		
PEATY GLEY-PEATY PODZOL	Peaty gley-Peaty podzol soil complex	3
PEATY PODZOL-BROWN EARTH	Peaty podzol-Brown earth soil complex	72
SOLIFLUXION CREEP	Solifluxion creep soil complex	70
ERODED BLANKET PEAT	Eroded blanket peat soil complex	77
MIXED BOTTOM LANDS	Mixed bottom lands	51
MADEGROUND	Made ground (mine tips)	1
<i>Other</i>		
RIVER TEES	River Tees (water)	4
UNSURVEYED AREA	Area not surveyed	68

SOIL MAP

of the Moor House National Nature Reserve

Soil Survey by G.A.L. Johnson



Mineral soils	Organic soils	Skeletal soil	Soil complexes	Other
RED BROWN LIMESTONE	BLANKET BOG	COARSE SCREE	PEATY GLEY-PEATY PODZOL	RIVER TEES
PEATY PODZOL	VALLEY BOG		PEATY PODZOL-BROWN EARTH	UNSURVEYED AREA
PEATY GLEY			SOLIFLUXION CREEP	ERODED BLANKET PEAT
FELL TOP PODZOL			MIXED BOTTOM LANDS	MADEGROUND
BROWN EARTH				