

SITE NAME Pinwood Lane		PROFILE NO Pit 1	SLOPE AND ASPECT 0°		LAND USE Perm Grass		Av Rainfall 830mm ATO 1507 deg FC Days 173 Climatic Grade 1		PARENT MATERIAL Carboniferous Culm Measures Topsoil Sample RPT/GMS 327			
JOB NO 106/93		DATE 20/12/93	GRID REFERENCE ASP 5 SX 950 948		DESCRIBED BY GMS/HLJ							

Horizon Number	Lowest Av Depth (cm)	Matrix and Ped Face Colours	Texture	Stoniness Size Shape Type and Field Method	Mottling Abundance Contrast, Size and Colour	Structure Development Size and Shape	Pores and Fissures	Structural Condition	Consistence	Roots Abundance Size and Nature	Calcium Carbonate Content	Mangan Concs etc	Horizon Boundary Distinctness and form
1	20	5YR46	HZCL	none visual	none					Many fine + v Fine	none	none	Clear wavy
2	30	5YR46	HCL	5% HR visual	none	MCSAB	Poor		Friable	Common fine + V fine	none	Common	Abrupt wavy
3	60+	2 5YR48 Ped face 5YR74	C	5% HR visual	Many ochreous	MM+C Prismatic	Poor		Firm	Common between peds few within	none	none	

Profile Gleyed From 30cm

Depth to Slowly Permeable Horizon 35cm

Wetness Class IV

Wetness Grade 3b

Available Water Wheat 125 mm

Potatoes 103 mm

Moisture Deficit Wheat 104 mm

Potatoes 96 mm

Moisture Balance Wheat + 21 mm

Potatoes + 7 mm

Droughtiness Grade 2

Final ALC Grade 3b

Main Limiting Factor(s) Wetness

Remarks