

SITE NAME		PROFILE NO.		SLOPE AND ASPECT		LAND USE		Av Rainfall: 926 mm			PARENT MATERIAL		
Glen Wood Farm		Pit 1		0°		Perm Grass		ATO: 1549°			Boulder Clay		
JOB NO.		DATE		GRID REFERENCE		DESCRIBED BY		FC Days: 194			TOPSOIL SAMPLE		
20/94		17/2/94		ASP 3 SS 533 314		GMS/HLJ		Climatic Grade: 1			RPT/HLJ 14		
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	22	10YR53	HCL	<1% HR visual	cdom	-	-	-	-	Common fine + v fine	none	none	Abrupt wavy
2	44	2.5Y62	HCL	<1% HR visual	mdom	MCSAB	Good	Moderate	Friable	Common fine + v fine	none	none	Gradual smooth
3	64	2.5Y52	HCL	<1% HR visual	mdom	MCSAB	Good	Moderate	Friable	Common v fine	none	none	Gradual irregular
4	80+	2.5Y62 10YR58	C	2% HR visual	mdogm	Wadherant CSAB	Low	Poor	Firm	Few v. fine	none	none	

Profile Gleyed From: 0 cm

Depth to Slowly Permeable Horizon: 64 cm

Wetness Class: III

Wetness Grade: 3b

Available Water Wheat: 137 mm

Potatoes: 114 mm

Moisture Deficit Wheat: 96 mm

Potatoes: 87 mm

Moisture Balance Wheat: 41 mm

Potatoes: 27 mm

Droughtiness Grade: 1 (to 120 cm)

Final ALC Grade: 3B

Main Limiting Factor(s): Wetness

Remarks:

Topsoil texture confirmed by PSD