

SITE NAME		PROFILE NO	SLOPE AND ASPECT	LAND USE	Av Rainfall	776 mm	PARENT MATERIAL	
Long Run Farm Bishops Hull		Pit 1 (ASP4 5)	0°	Permanent Grass	ATO	1560 day °C	River Deposits	
JOB NO		DATE	GRID REFERENCE	DESCRIBED BY	FC Days	168	SOIL SAMPLE REFERENCES	
11/95		15/3/95	ST 215 250	HLJ	Climatic Grade	1	RPT/HLJ/130	
					Exposure Grade	1		

Horizon No	Lowest Av Depth (cm)	Texture	Mottling (Ped Face) Colours	Stoniness Size Type and Field Method	Mottling Abundance Contrast Size and Colour	Mottling Cones	Structure Ped Development Size and Shape	Consistence	Structural Condition	Pores (Fissures)	Roots Abundance and Size	Calcium Carbonate Content	Horizon Boundary Distinctness and form
1	33	MCL	7 YR4+4	1% HR Total (Vis)	None	None				Good	MF+VF		Clear Smooth
2	70	C	2.5 YR4.6 (2.5 YR5.4)	1% HR Total (Vis)	None	Few	WCSAB	Friable	M	Poor	FF+VF		Clear Smooth
	110+	C	2.5 YR4.6	2% HR 2 m(S) 36% HR 2 (S D) 38% HR Total	None	None	Too stony (possibly WCSAB)	Firm	M	Good	None		

Profile Gleyed From Not gleyed

Depth to Slowly Permeable Horizon 53 cm

Wetness Class III

Wetness Grade 3a

Available Water Wheat 127 mm

Potatoes 117 mm

Moisture Deficit Wheat 109 mm

Potatoes 103 mm

Moisture Balance Wheat 18 mm

Potatoes 14 mm

Droughtiness Grade 2 (Calculated to 120 cm)

Final ALC Grade 3a

Main Limiting Factor(s) Wetness

Remarks

H2 is only just on SPL As it is a red soil and only extends to 70 cm it is WCIII