

SITE NAME		PROFILE NO	SLOPE AND ASPECT	LAND USE	Av Rainfall	740 mm	PARENT MATERIAL	
Manor House North Curry		Pit 1	0°	Permanent Grass	ATO	1557 day °C	Mercia Mudstone	
JOB NO		DATE	GRID REFERENCE	DESCRIBED BY	FC Days	160	SOIL SAMPLE REFERENCES	
17/95		10/3/95	ST 321 255	HLJ	Climatic Grade	1	RPT/HLJ/126	
					Exposure Grade	1		

Horizon No	Lowest Av Depth (cm)	Texture	Matrix (Ped Face) Colours	Stoniness Size Type and Field Method	Mottling Abundance Contrast Size and Colour	Mangan Conc	Structure Ped Development Size and Shape	Consistence	Structural Condition	Pores (Fissures)	Roots Abundance and Size	Calcium Carbonate Content	Horizon Boundary Distinctness and form
1	22	HCL	10YR43	5% HR Total (Vis)	None	None				Good	CF+VF		Gradual Smooth
2	48	HCL	10YR44	10% HR Total (Vis)	None	None	WCSAB	Friable	M	Good	CF+VF		Gradual Smooth
3	55	C	2.5YR46	5 HR cm(S) 13 HR m(S D) 38% HR Total	CFFO (10YR66)	Common	Too stony (possibly WMSAB)	Firm	M (assumed)	Poor	FF+VF (common in places)		Abrupt Irregular
4	120	C	2.5YR6	1% HR Total (Vis)	FDFO (10YR66)	Few	WCP breaking to WCSAB	Firm	M	Poor	None		

Profile Gleyed From Not gleyed

Depth to Slowly Permeable Horizon 48 cm

Wetness Class III

Wetness Grade 3b

Available Water Wheat 118 mm

Potatoes 96 mm

Moisture Deficit Wheat 112 mm

Potatoes 107 mm

Moisture Balance Wheat 6 mm

Potatoes 11 mm

Droughtiness Grade 3γ (Calculated to 120 cm)

Final ALC Grade 3b

Main Limiting Factor(s) Wetness

Remarks

H3 is in SPL because no evidence of drainage along faces of the stones