

SITE NAME		PROFILE NO		SLOPE AND ASPECT		LAND USE		Av Rainfall			PARENT MATERIAL		
Crediton		Pit 1		6° SE		Perm Grass		953			Triassic and Permian Breccia and Conglomerate		
JOB NO		DATE		GRID REFERENCE		DESCRIBED BY		ATO			RPT/GMS 358		
3/94		25/1/94		ASP 1 SS 827 008		PB/GMS		1456					
								FC Days					
								194					
								Climatic Grade					
								1					
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	30	2 5YR34	MCL	27% HR >2mm Sieved/dspl	None					Many v fine	None	None	Gradual smooth
2	60	2 5YR44	C	36% HR >2mm Sieved/dspl	None	WCSAB	Good	Moderate	Firm	Common fine and v fine	None	None	Diffuse smooth
3	90+	2 5YR44	C	^40% HR Visual based on H2	None	WCSAB	Low	Moderate	Firm	Few v fine	None	Few	

Profile Gleyed From Not gleyed

Depth to Slowly Permeable Horizon No SPL

Wetness Class I

Wetness Grade 2

Available Water Wheat 97 mm

Potatoes 82 mm

Moisture Deficit Wheat 93 mm

Potatoes 82 mm

Moisture Balance Wheat +4 mm

Potatoes 0 mm

Droughtiness Grade 3a (to 120 cm)

Final ALC Grade 3a

Main Limiting Factor(s) Droughtiness

Remarks

Borderline 2/3A on droughtiness Since horizon 3 stone content was estimate place soil pit into 3A