

SITE NAME Exminster		PROFILE NUMBER Pit 1		SLOPE AND ASPECT 6° East		LAND USE Permanent Grass		Av Rainfall: 862 ATO: 1576		PARENT MATERIAL Lower sandstone (Triassic/Permian)			
JOB NO. 83/93		DATE 2/9/93		GRID REFERENCE ASP13 SX 943 881		DESCRIBED BY G Clark/G Shaw		FC Days: 179 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
1	25	10YR33	MSL	0% >2cm 8% HR >2mm Sieved/displ	-	-	Good	-	-	fine + very fine common	0	-	Abrupt + smooth
2	45	75YR46	LMS	3% MSST >2mm sieved/displ	-	MCSAB breaking into MSAB	Good	Good	Friable	Common fine + v fine	0	-	Abrupt/wavy
3	75	10YR78 (75YR58 from about 65 banded)	MS	3% MSST >2mm sieved/displ	Some 5YR46 streaks but <u>not</u> mottling	Structure determined by strata in in situ weathering sandstone - poss. platy	Good	Moderate	Very friable	Common fine + very fine	0	-	-
Profile Gleyed From: not Depth to Slowly Permeable Horizon: none Wetness Class: I Wetness Grade: 1				Available Water Wheat: 76mm Potatoes: 72mm Moisture Deficit Wheat: 108mm Potatoes: 102mm Moisture Balance Wheat: -32mm Potatoes: -30mm Droughtiness Grade: 3b (to 100cm)				Final ALC Grade: 3B Main Limiting Factor(s): Droughtiness Remarks: Pit dug to 75cm, hard bedrock below					