

SITE NAME Mile End Newton Abbott		PROFILE NUMBER Pit 1		SLOPE AND ASPECT 5°		LAND USE Permanent Grass		Av Rainfall: 1041 ATO: 1559		PARENT MATERIAL Upper Devonian Gurrington Slate			
JOB NO. 72/93		DATE 10/9/93		GRID REFERENCE ASP4 SX 840 722		DESCRIBED BY GMS		FC Days: 211 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	28	7.5YR42	C	0% >2cm 15% ZR >2mm sieved/displ	none	WM + FSAB	Good	-	Friable	Many fine + v. fine		none	Wavy abrupt
2	40	10R42	C	57% ZR >2mm sieved/ displ well fractured and platy	none	Structure determined by close horizontal bedding of stones. Structure unable to develop well as a result	Good	Moderate	Friable	Common v fine		Some between stones where no soil	Wavy sharp
3	50+	5YR52	C	76% ZR >2mm sieved/displ	none	As horizon 2		Moderate		Common v. fine to 45cm few v. fine to 50cm		none	
Profile Gleyed From: not				Available Water				Wheat: 78mm		Final ALC Grade: 3b			
Depth to Slowly Permeable Horizon: none								Potatoes: 84mm		Main Limiting Factor(s): Workability			
Wetness Class: I				Moisture Deficit				Wheat: 95mm					
Wetness Grade: 3b								Potatoes: 85mm					
				Moisture Balance				Wheat: -17mm					
								Potatoes: -1mm (to 70cm)		Remarks:			
				Droughtiness Grade: 3a				Stone very soft. Topsoil texture by PSD					