

SITE NAME Dawlish Holcombe		PROFILE NUMBER Pit 1		SLOPE AND ASPECT 0		LAND USE Cereal Stubble		Av Rainfall: 902 ATO: 1533		PARENT MATERIAL River Terrace Deposits			
JOB NO. 81/93		DATE 7/9/93		GRID REFERENCE ASP4 SX 955 756		DESCRIBED BY GMS		FC Days: 186 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	05YR33	MCL	1% HR > 2cm 18% HR >2cm 19% HR Total sieved/displ	none					Fine common		none	Smooth abrupt
2	48	2.5YR44	HCL	1% HR >2cm 27% HR >2mm 28% HR Total sieved/displ	none	MCSAB	Good		Friable	few v. fine		none	Smooth gradual
3	70+	10R46	C	49% HR >2mm sieved/displ	none	WCSAB	Good		Friable	few v. fine		none	
Profile Gleyed From: not				Available Water		Wheat: 96mm				Final ALC Grade: 3A			
Depth to Slowly Permeable Horizon: none						Potatoes: 83mm				Main Limiting Factor(s): Droughtiness			
Wetness Class: I				Moisture Deficit		Wheat: 98mm							
Wetness Grade: 2						Potatoes: 89mm							
				Moisture Balance		Wheat: -2mm							
						Potatoes: -6mm							
				Droughtiness Grade:		3A				Remarks: Pit dug to 80cm. Topsoil texture by PSD analysis.			