

SITE NAME Cullompton		PROFILE NO Pit 1	SLOPE AND ASPECT 0°		LAND USE Perm Grass		Av Rainfall 935 mm ATO 1526°		PARENT MATERIAL Permian and Triassic Lower Marls			
JOB NO 1/94		DATE 26/1/94	GRID REFERENCE ASP 13 ST 033 082		DESCRIBED BY GMS		FC Days 191 Climatic Grade 1		RPT/GMS 359			

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	10YR22	FSL	None sieved	None	WCSAB	Good		Friable	Many fine	None	None	Clear smooth
2	62	10YR74	FSL	None sieved	10YR68 many	MCSAB	Good	Moderate	Friable	Common fine and v fine	None	None	Clear wavy
3	90+	5YR46 with deep pocket of 10YR64	FSL Pocket of LFS	5% HR >2cm 4% HR <2cm 9% HR Total sieved/displ	Many	WCSAB	Good	Good	Friable	Common v fine	None	Few	

Profile Gleyed From 30 cm
Depth to Slowly Permeable Horizon No SPL
Wetness Class I
Wetness Grade 1

Available Water Wheat 196 mm
Potatoes 128 mm
Moisture Deficit Wheat 98 mm
Potatoes 89 mm
Moisture Balance Wheat 98 mm
Potatoes 39 mm
Droughtiness Grade 1 (to 120 cm)

Final ALC Grade 1
Main Limiting Factor(s) None

Remarks