

SITE NAME Goonhavern		PROFILE NO. Pit 1	SLOPE AND ASPECT 0°	LAND USE Permanent grass	Av Rainfall: 1026 mm ATO: 1580 deg	PARENT MATERIAL Ladock Beds/Grampound Grits	
JOB NO. 47/93		DATE 17/8/93	GRID REFERENCE ASP9 SW 784538	DESCRIBED BY GMS	FC Days: 202 Climatic Grade: 1	TOPSOIL SAMPLE RPT/GMS 226	

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	24	10YR42	MCL	1% >2cm HR 2% Total HR sieved	None	MCSAB	Good	-	Friable	Many fine	None	None	Clear smooth
2	70+	2.5Y74	HCL	25% ZR >2cm 16% ZR <2cm 41% ZR Total sieved/displ	10YR56 associated with weathered slate (not mottling)	WMSAB	Good	Good	Friable	Few v fine	None	None	

Profile Gleyed From: Not
Depth to Slowly Permeable Horizon: None
Wetness Class: I
Wetness Grade: 2

Available Water Wheat: 155 mm
Potatoes: 114 mm
Moisture Deficit Wheat: 97 mm
Potatoes: 88 mm
Moisture Balance Wheat: +58 mm
Potatoes: +26 mm
Droughtiness Grade: 1

Final ALC Grade: 2
Main Limiting Factor(s): Workability

Remarks: