

SITE NAME Moor Farm, Poughill		PROFILE NO. Pit 1	SLOPE AND ASPECT 4° NW	LAND USE PGR	Av Rainfall: 927 mm ATO: 1541 day °C	PARENT MATERIAL Shale, sandstone; Bude Formation
JOB NO. 6.96		DATE 15.2.96	GRID REFERENCE SS21850828	DESCRIBED BY PB	FC Days: 190 Climatic Grade: 1 Exposure Grade: -	SOIL SAMPLE REFERENCES PB348

Horizon No.	Lowest Av. Depth (cm)	Texture	Matrix (Ped Face) Colours	Stoniness: Size, Type, and Field Method	Mottling Abundance, Contrast, Size and Colour	Mangan Concs	Structure: Ped Development Size and Shape	Consistence	Structural Condition	Pores (Fissures)	Roots: Abundance and Size	Calcium Carbonate Content	Horizon Boundary: Distinctness and form
1	24	MCL	10YR43	2% HR (Vis)	0	0	-	-	-	G	MF, VF	-	Clear smooth
2	40	HCL	10YR44	5% HR (Vis)	0	0	MCSAB	Fr	M	G	CF, VF	-	Grad smooth
3	65	HCL	10YR54	18% >2cm 18% <2cm 36% (S&D)	0	F	MMSAB	Fr	G	G	CVF	-	Grad wavy
4	75	HCL	10YR73	45% >2cm 10% <2cm 55% HR (S&D)	CDMOM (10YR58)	0	WCSAB	Fr	M	(G)	FVF	-	Grad wavy
5	95+	C	10YR72	50%HR (vis)	MDMO 10YR58	0	WAdCSAB	Fm	P	P	FVF	-	

Profile Gleyed From: 65cm

Depth to Slowly Permeable Horizon: 75cm

Wetness Class: II

Wetness Grade: 3a

Available Water Wheat: 116 mm

Potatoes: 105 mm

Moisture Deficit Wheat: 96 mm

Potatoes: 86 mm

Moisture Balance Wheat: +20 mm

Potatoes: +19 mm

Droughtiness Grade: 2 (Calculated to 120 cm)

Final ALC Grade: 3a

Main Limiting Factor(s): We

Remarks: Augered to 105cm