

SITE NAME Teignmouth.99		PROFILE NO. Pit 1 (ASP 3)	SLOPE AND ASPECT 5° E	LAND USE Ley	Av Rainfall: 920 mm ATO: 1500 day °C FC Days: 190 Climatic Grade: 1 Exposure Grade: 1	PARENT MATERIAL Teignmouth breccia	
JOB NO. 11.99		DATE 25/2/99	GRID REFERENCE SX 9507 7415	DESCRIBED BY GN/PB	PSD SAMPLES TAKEN TS 0-25 cm: MCL (S46:Z34:C20%)		

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	25	MCL	2.5YR3/2	3% > 2 cm (s+v) 36% < 2 cm (s+v) 39% HR	0	0	-	-	-	-	MF, VF	-	Clear Smooth
2	40	C	2.5YR5/3	3% > 2 cm (s+v) 45% < 2 cm (s+d) 48% HR	0	0	WKCSAB	FM	M	G	CVF	-	Clear Smooth
3	100+	C	2.5YR4/4 (5YR6/3)	3% > 2 cm (s+v) 40% < 2 cm (s+d) 43% HR	CDMO 5YR5/6	0	M	VM	P	P	FVF	-	-

Profile Gleyed From: 40 cm	Available Water	Wheat: 79 mm	Final ALC Grade: 3a
Slowly Permeable Horizon From: 40 cm		Potatoes: 65 mm	Main Limiting Factor(s): Wetness
Wetness Class: III	Moisture Deficit	Wheat: 97 mm	
Wetness Grade: 3a		Potatoes: 88 mm	Remarks:
	Moisture Balance	Wheat: -18 mm	
		Potatoes: -23 mm	
	Droughtiness Grade: 3a	(Calculated to 120 cm)	

SITE NAME Teignmouth.99		PROFILE NO. Pit 2 (Nr ASP 24)	SLOPE AND ASPECT 7° NE	LAND USE Ley	Av Rainfall: 905 mm ATO: 1527 day °C	PARENT MATERIAL Teignmouth breccia
JOB NO. 11.99		DATE 25.2.99	GRID REFERENCE SX 9511 7460	DESCRIBED BY PB	FC Days: 186 Climatic Grade: 1 Exposure Grade: 1	PSD SAMPLES TAKEN TS 0-25 cm: MCL (S47:Z32: C21%)

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	2.5YR4/2	4% > 2 cm (s+v) 30% < 2 cm (s+d) 34% HR	0	0	-	-	-	-	CF, VF	-	Abrupt Wavy
2	40	C	2.5YR4/4	18% > 2 cm (s+v) 29% < 2 cm (s+d) 47% HR	0	0	Too stony	FM	(M)	G	FVF	-	Clear Smooth
3	90+	C	2.5YR4/4, 4/3	20% > 2 cm (s+v) 26% < 2 cm (s+d) 46% HR	0	0	Too stony	FM	(M)	P	0	-	

Profile Gleyed From: Not gleyed

Slowly Permeable Horizon From: No SPL

Wetness Class: I

Wetness Grade: 2

Available Water Wheat: 85 mm

Potatoes: 71 mm

Moisture Deficit Wheat: 97 mm

Potatoes: 88 mm

Moisture Balance Wheat: -12 mm

Potatoes: -17 mm

Droughtiness Grade: 3a (Calculated to 120 cm)

Final ALC Grade: 3a

Main Limiting Factor(s): Dr

Remarks: