

SITE NAME		PROFILE NO	SLOPE AND ASPECT		LAND USE		Av Rainfall		1215 mm		PARENT MATERIAL		
Modbury		Pit 1 (Nr Asp 71)	4 S		PGR		ATO		1530 day °C		Meadfoot Group slates		
JOB NO		DATE	GRID REFERENCE		DESCRIBED BY		FC Days		240		PSD SAMPLES TAKEN		
86 98		8 10 98	SX 6635 5215		PB		Climatic Grade		2		TS 0 25 cm HCL (S36 Z34 C30%)		
							Exposure Grade		2				

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	20	HCL	10YR44	10% HR (vis)	0	0					MF VF		Clear Smooth
2	37	HCL	10YR46	20%HR (vis)	0	0	MDMSAB	FR	G	G	MV VF		Abrupt Smooth
3	60	C	10YR56	40%HR (vis)	CDFO* 10YR56	0	WKMSAB	FM	M	G	CVF		Grad Wavy
4	80+	HCL	10YR64	60% HR (vis)	FDFO* 10YR56	0	Too stony		(M)	G	FVF		

Profile Gleyed From

Slowly Permeable Horizon From

Wetness Class I

Wetness Grade 3b

Available Water Wheat 105 mm

Potatoes 92 mm

Moisture Deficit Wheat 85 mm

Potatoes 73 mm

Moisture Balance Wheat +20 mm

Potatoes +19 mm

Droughtiness Grade 2 (Calculated to 120 cm)

Final ALC Grade 3b

Main Limiting Factor(s) Wk

Remarks H3 and H4 mottles associated with weathering stones not gleyed

SITE NAME		PROFILE NO	SLOPE AND ASPECT		LAND USE		Av Rainfall 1192 mm		PARENT MATERIAL			
Modbury		Pit 2 (Nr Asp 82)	5 S		PGR		ATO 1550 day C		Meadfoot Group slates			
JOB NO		DATE	GRID REFERENCE		DESCRIBED BY		FC Days 237		PSD SAMPLES TAKEN			
86 98		8 10 98	SX 6650 5201		PB		Climatic Grade 2		TS 0 25 cm HCL (S33 Z38 C 29%)			
							Exposure Grade 1					

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	23	HCL	10YR43	10%HR (vis)	0	0					MF VF		Clear Smooth
2	35	HCL	10YR44	20%HR (vis)	0	0	WKMSAB	FR	G	G	MF VF		Grad Smooth
3	62	HZCL	2 5Y63	50%HR ZR (vis)	FDFO* 10YR56	0	WKCSAB	FM	P	G	CVF		Grad Wavy
4	80+	ZC	5Y63	60%ZR (vis)	CDFO 10YR58	0	Too stony	FM	(P)	G	FVF		

Profile Gleyed From 62 cm

Slowly Permeable Horizon From

Wetness Class II

Wetness Grade 3b

Available Water Wheat 105 mm

Potatoes 83 mm

Moisture Deficit Wheat 88 mm

Potatoes 77 mm

Moisture Balance Wheat +17 mm

Potatoes +6 mm

Droughtiness Grade 2 (Calculated to 120 cm)

Final ALC Grade 3b

Main Limiting Factor(s) We

Remarks H3 mottles common in isolated patches