

SITE NAME		PROFILE NO	SLOPE AND ASPECT		LAND USE		Av Rainfall 148 mm		PARENT MATERIAL			
Up-Mudford, Yeovil		Pit 1 (Asp 17)	1° East		Permanent Grass		ATO 1539 day °C		Pennard Sands silts and marls			
JOB NO		DATE	GRID REFERENCE		DESCRIBED BY		FC Days 164		SOIL SAMPLE REFERENCES			
76/95		10/1/96	ST 570185		PB/HLJ		Climatic Grade 1		PB 338			
							Exposure Grade					

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	10	MZCL	10YR53	none	CDFO (10YR66) CDMG (10YR61)	none				Good	MF + VF		Clear smooth
2	48	ZL	10YR54	none	FDFG (10YR52)	none	MCSAB (Angular Tendencies)	Friable	Moderate	Poor	MF + VF		Gradual smooth
3	100+	MZCL	10YR63	5% ZR (vis)	CDFO+G (10YR68,61)	none	WCSAB	Friable	Moderate	good	FF + VF	-	-
4													

Profile Gleyed From 48 cm

Depth to Slowly Permeable Horizon No spl

Wetness Class I

Wetness Grade 1

Available Water Wheat 174 mm

Potatoes 139 mm

Moisture Deficit Wheat 106 mm

Potatoes 100 mm

Moisture Balance Wheat 68 mm

Potatoes 39 mm

Droughtiness Grade 1 (Calculated to 120 cm)

Final ALC Grade 1

Main Limiting Factor(s)

Remarks H1 gleyed due to poaching only

SITE NAME		PROFILE NO	SLOPE AND ASPECT		LAND USE		Av Rainfall 748 mm		PARENT MATERIAL			
Up-Mudford, Yeovil		Pit 2 (Asp 48)	2° East		Permanent Grass		ATO 1539 day °C		Rennard Sands			
JOB NO		DATE	GRID REFERENCE		DESCRIBED BY		FC Days 164		SOIL SAMPLE REFERENCES			
76/95		10/1/96	ST 578180		PB/HLJ		Climatic Grade 1		PB 339			
							Exposure Grade					

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	10	HZCL	10YR53	none	CFMG (10YR52) CRRC	none				Good	MF + VF		Clear smooth
2	35	HZCL	10YR53 (paler with depth)	none	none	none	MCSAB	Frable	Moderate	Poor (few large)	MF + VF		Gradual smooth
3	60	C	10YR63	none	MDMO+G (10YR68 61)	none	WCSAB (Prismatic tendencies)	Frable	Moderate	Poor (few large)	CVF		Gradual smooth
4	85+	C	10YR62	none	MDMO+G (10YR68,61)	none	WACSAB	Frable	Moderate	Poor (few large)	FVF	-	-

Profile Gleyed From	35 cm	Available Water	Wheat	142 mm	Final ALC Grade	3b
Depth to Slowly Permeable Horizon	35 cm		Potatoes	118 mm	Main Limiting Factor(s)	Wetness
Wetness Class	IV	Moisture Deficit	Wheat	106 mm		
Wetness Grade	3b		Potatoes	100 mm		
		Moisture Balance	Wheat	36 mm	Remarks	Top horizon packed rather than drying due to water table
			Potatoes	18 mm		
		Droughtiness Grade	1	(Calculated to 120 cm)		