

SITE NAME		PROFILE NO		SLOPE AND ASPECT		LAND USE		Av Rainfall 739			PARENT MATERIAL		
Melksham		Pit 1		0°		Ley		ATO 1507			Terrace Gravels		
JOB NO		DATE		GRID REFERENCE		DESCRIBED BY		FC Days 167					
65/93		26/8/93		nr ASP 12		N A Done and G Clark		Climatic Grade 1					
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	23	10YR44	MCL	2% HR						Many fine and v fine	None	None	Abrupt/ smooth
2	45	10YR56	C	2% HR		Mod CSAB	V porous	M	Firm	Common	None	None	Clear/wavy
3	70	10YR56	MSL	+3% HR sieved <2cm		Weak CSAB	V porous	G	Friable	Common fine	V calc	None	Clear/ smooth
4	120	5GY51	C	2% HR	C dom 10YR5	Mod CAB	No pores	P	Ex firm	Few v fine	C calc	None	

Profile Gleyed From 70 cm

Depth to Slowly Permeable Horizon

Wetness Class 1

Wetness Grade 2

Available Water Wheat 130

Potatoes 100

Moisture Deficit Wheat 107

Potatoes 100

Moisture Balance Wheat 23

Potatoes 0

Droughtiness Grade 2

Final ALC Grade 2

Main Limiting Factor(s) Workability

Remarks