

SITE NAME		PROFILE NO.	SLOPE AND ASPECT	LAND USE	Av Rainfall: 792 mm	PARENT MATERIAL
Malmesbury		Pit 2 (ASP 26)	3° W	PGR	ATO: 1429 day °C	
JOB NO.		DATE	GRID REFERENCE	DESCRIBED BY	FC Days: 177	SOIL SAMPLE REFERENCES
65.94		2.6.94	St 927873	P Barnett/P R Woode	Climatic Grade: 1	
					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	20	MCL	10YR42	0	CDVFOM	0	-	-	-	-	MF, VF	0	Gr smooth
2	42	C	25Y62	0	MDFOM	0	MCAB	FM	M	P	CF, VF	0	Cl smooth
3	65+	C	25Y62	0	MDFOM	0	WCAB	FM	P	P	FVF	0	

Profile Gleyed From: 0

Depth to Slowly Permeable Horizon: 20

Wetness Class: IV

Wetness Grade: 4

VP336-14

Available Water Wheat: 96 mm

Potatoes: 108 mm

Moisture Deficit Wheat: 94 mm

Potatoes: 83 mm

Moisture Balance Wheat: 2 mm

Potatoes: 25 mm

Droughtiness Grade: 3a (Calculated to 70 cm)

Final ALC Grade: 4

Main Limiting Factor(s): We

Remarks:

\* HCL to represent 0-25 cm.  
Borderline 3b because very close to 175 FCD. No rushes, poaching or other surface signs of wetness.

SITE NAME Malmesbury		PROFILE NO. 1	SLOPE AND ASPECT 1° S	LAND USE PGR	Av Rainfall: 792 mm ATO: 1429 day °C	PARENT MATERIAL Kellaway Clays
JOB NO. 65/94		DATE 2/6/94	GRID REFERENCE ST 925875 ASP 12	DESCRIBED BY P R Woode/G M Shaw	FC Days: 177 Climatic Grade: 1 Exposure Grade: 1	SOIL SAMPLE REFERENCES PRW 110

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	22	HCL	10YR42	0% Visual	None	None	-	-	-	-	MVF	None	Abrupt smooth
2	38	C	10YR54	0% Visual	FFFO	None	MCSAB	Friable	Moderate	Good	CVF	None	
3	50	C	10YR53	0% Visual	CDFO	Few	MCAB	Firm	Moderate	Low	CVF	None	
4	70	C	10YR52	0% Visual	MDFOG	None	McPr	Firm	Poor	Low	FVF	None	

Profile Gleyed From: 38 cm	Available Water	Wheat: 98 mm	Final ALC Grade: 4
Depth to Slowly Permeable Horizon: 38 cm		Potatoes: 110 mm	Main Limiting Factor(s): Wetness
Wetness Class: IV	Moisture Deficit	Wheat: 94 mm	
Wetness Grade: 4		Potatoes: 83 mm	Remarks:
	Moisture Balance	Wheat: 4 mm	
		Potatoes: 27 mm	
VP336-14	Droughtiness Grade:	3a (Calculated to 70 cm)	