

SITE NAME Brynarads Hill, Wootton Bassett		PROFILE NO. Pit 1	SLOPE AND ASPECT 3° South	LAND USE PGR	Av Rainfall: 741 mm ATO: 1391 day °C FC Days: 164 Climatic Grade: 1 Exposure Grade: 1	PARENT MATERIAL Kimmeridge Clay
JOB NO. 70/94		DATE 1/6/94	GRID REFERENCE ASP 5 SU079819	DESCRIBED BY G M Shaw/P Barnett		SOIL SAMPLE REFERENCES -

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	16	C	10YR52	1% Visual	CDO	None	-	-	-	-	MF		Ab smooth
2	42	C	05Y52	0% Visual	CDO	None	WCAB	FM	P	P	CVF		Cl smooth
3	65+	C	05Y51	0% Visual	MFO	None	WCAB	FM	P	P	FVF	Y*	

Profile Gleyed From: 0 cm

Depth to Slowly Permeable Horizon: 16 cm

Wetness Class: IV

Wetness Grade: 3b

VP336-14

Available Water Wheat: 85 mm

Potatoes: 97 mm

Moisture Deficit Wheat: 97 mm

Potatoes: 87 mm

Moisture Balance Wheat: -12 mm

Potatoes: 10 mm

Droughtiness Grade: 3a (Calculated to 70 cm)

Final ALC Grade: 3b

Main Limiting Factor(s): Wetness

Remarks:

* CaCO₃ nodules = 1%