

SITE NAME Brinkworth Priory		PROFILE NO. Pit 1	SLOPE AND ASPECT 3° S	LAND USE PGR	Av Rainfall: 730 mm ATO: 1409 day °C FC Days: 163 Climatic Grade: 1 Exposure Grade: 1	PARENT MATERIAL Oxford Clay	
JOB NO. 46/94		DATE 10/5/94	GRID REFERENCE ASP 2 SU 033 848	DESCRIBED BY PB/GMS	SOIL SAMPLE REFERENCES RPT/PB 131		

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	8	HCL	10YR52	0% Visual	CDVF 10YR58	None					MVF		Clear smooth
2	35	C	10YR62	0% Visual	MDF 10YR58	None	MMPr	Friable	Mod	Good	MVF		Clear smooth
3	50	C	2.5Y62	0% Visual	MDM 7.5YR68	None	WCPr	Firm	Poor	Low	FVF		

Profile Gleyed From: Surface  
Depth to Slowly Permeable Horizon: 35 cm  
Wetness Class: IV  
Wetness Grade: 3b

NL336h

Available Water Wheat: 126 mm  
Potatoes: 103 mm  
Moisture Deficit Wheat: 100 mm  
Potatoes: 90 mm  
Moisture Balance Wheat: 26 mm  
Potatoes: 13 mm  
Droughtiness Grade: 2 (Calculated to 120 cm)

Final ALC Grade: 3b  
Main Limiting Factor(s): Wetness

Remarks: