

SITE NAME		PROFILE NO.	SLOPE AND ASPECT		LAND USE		Av Rainfall: 690 mm		PARENT MATERIAL			
Stones Farm, Cricklade		Pit 1	0°		PGR		ATO: 1432 day °C		Oxford Clay			
JOB NO.		DATE	GRID REFERENCE		DESCRIBED BY		FC Days: 157		SOIL SAMPLE REFERENCES			
71.94		2.6.94	ASP 3-6 SU 092940		P R Woode/P Barnett		Climatic Grade: 1		PRW 109			
							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	18	C	10YR42	0	MDFOM	0	-	-	-	-	MF, VF	0	Ab smooth
2	33	C	10YR62	2% HR Vis	MDFOM	0	MCSAB	Fr	M	P	CF, VF	0	Ab smooth
3	80+	C	25Y63	5% HR Vis	MDFOM	C	WCAB	Fm	P	P	F, VF	0	

Profile Gleyed From: 0 cm
Depth to Slowly Permeable Horizon: 33 cm
Wetness Class: IV
Wetness Grade: 3b

Available Water Wheat: 95 mm
Potatoes: 100 mm
Moisture Deficit Wheat: 103 mm
Potatoes: 95 mm
Moisture Balance Wheat: -8 mm
Potatoes: 5 mm
Droughtiness Grade: 3a (Calculated to 80 cm)

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

Remarks:
Variable stone content, mainly above 60 cm, and found more in the pit than in auger borings elsewhere.

VP336-14