

SITE NAME Purton		PROFILE NO. Pit 1 (ASP 1)	SLOPE AND ASPECT 2° S	LAND USE PGR	Av Rainfall: 675 mm ATO: 1497 day °C FC Days: 154 Climatic Grade: 1 Exposure Grade: 1	PARENT MATERIAL Upper Corallian
JOB NO. 69.94		DATE 1.6.94	GRID REFERENCE St 085873	DESCRIBED BY P Barnett/G M Shaw		SOIL SAMPLE REFERENCES GMS 417

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	28	HCL	10YR32	5% >2cm (Vis) 23% <2cm (S+D) 28% SLST	None	None					MF + CM	Yes	Clear irregular
2	50	C	10YR42	20% > 2cm (S) 22% <2cm (S+D) 42% SLST	None	None	-	-	Assume M	Good	CVF	Yes	Gradual smooth
3	70+	C	2.5Y56	35% >2cm (S) 30% <2cm (S+D) 65% SLST	None	None	-	-	Assume M	good	FVF	Yes	

Profile Gleyed From: Not gleyed

Depth to Slowly Permeable Horizon: No SPL

Wetness Class: I

Wetness Grade: 2

VP336-14

Available Water Wheat: 87 mm

Potatoes: 80 mm

Moisture Deficit Wheat: 111 mm

Potatoes: 104 mm

Moisture Balance Wheat: -24 mm

Potatoes: -24 mm

Droughtiness Grade: 3B (Calculated to 100 cm)

Final ALC Grade: 3B

Main Limiting Factor(s): Droughtiness

Remarks: