

SITE NAME Hay Lane Lydiard		PROFILE NO. Pit 1	SLOPE AND ASPECT 0°	LAND USE PGR	Av Rainfall: 685 mm ATO: 1418 day °C	PARENT MATERIAL Alluvium
JOB NO. 49/94		DATE 13/5/94	GRID REFERENCE ASP 10 SU 1-5852	DESCRIBED BY G M Shaw	FC Days: 155 Climatic Grade: 1 Exposure Grade: 1	SOIL SAMPLE REFERENCES RPT/GMS 403

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	21	C	10YR42	0% Visual	Cdvf 7.5YR46 10YR41	None	MMPr and MCAB	Friable	-	Good	MFVF	-	Abrupt smooth
2	70+	C	10YR61	0% Visual	mpvf	None	MCAB becoming WCAB with depth	Firm	Poor	Low	CVF	-	

Profile Gleyed From: Surface

Depth to Slowly Permeable Horizon: 35 cm

Wetness Class: IV

Wetness Grade: 3b

VP336-14

Available Water Wheat: 87 mm

Potatoes: 99 mm

Moisture Deficit Wheat: 103 mm

Potatoes: 93 mm

Moisture Balance Wheat: -16 mm

Potatoes: 6 mm

Droughtiness Grade: 3a (Calculated to 70 cm)

Final ALC Grade: 3b

Main Limiting Factor(s): Wetness

Remarks: