

SITE NAME		PROFILE NO.		SLOPE AND ASPECT		LAND USE		Av Rainfall: 931 mm			PARENT MATERIAL		
Kite Farm		Pit 1		4° W		Cereals		ATO: 1485°C			Upper Chalk		
JOB NO.		DATE		GRID REFERENCE		DESCRIBED BY		FC Days: 194			SOIL SAMPLE REFERENCE		
23/94		12/4/94		ST 882 081		H Lloyd-Jones and N A Done		Climatic Grade: 1			RPT/HLJ/31 + NAD/132		
Horizon Number	Lowest Av Depth (cm)	Matrix and Ped Face Colours	Texture	Stoniness: Size, Shape, Type, and Field Method	Mottling Abundance, Contrast, Size and Colour	Structure: Development Size and Shape	Pores and Fissures	Structural Condition	Consistence	Roots: Abundance, Size and Nature	Calcium Carbonate Content	Mangan Concs etc	Horizon Boundary: Distinctness and form
1	20	10YR44	HCL	7% HR 3% CH 10% Total (Vis)	None	-	-	-	-	CF + VF	Very calc	None	Abrupt wavy
2	55	10YR56	C	60% CH (Vis)	None	WDCSAB	Well fissured >0.5%	M	Firm	CF	Very slightly calc	F	Gradual wavy
3	70+	0.5Y81	CH	>70% CH (Vis)	None	-	-	M (assumed)	-	-	Very calc	None	-

Profile Gleyed From: N/A

Depth to Slowly Permeable Horizon: N/A

Wetness Class: I

Wetness Grade: 3a

Available Water Wheat: 102 mm

Potatoes: 91 mm

Moisture Deficit Wheat: 98 mm

Potatoes: 89 mm

Moisture Balance Wheat: +4 mm

Potatoes: +2 mm

Droughtiness Grade: 3a (Calculated to 95 cm)

Final ALC Grade: 3a

Main Limiting Factor(s): Workability and droughtiness

Remarks:

Roots to 65 cm.

VP336-9