

SITE NAME Dorchester Hill, Blandford Forum		PROFILE NO. Pit 1		SLOPE AND ASPECT 0°		LAND USE Cereals		Av Rainfall: 909 mm ATO: 1515°C FC Days: 191 Climatic Grade: 1			PARENT MATERIAL Upper Chalk		
JOB NO. 22/94		DATE 12/4/94		GRID REFERENCE ST 880 053 (ASP 18)		DESCRIBED BY N A Done/ H Lloyd-Jones					SOIL SAMPLE REFERENCE RPT/HLJ/33		
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	30	10YR53	HCL	2% HR 3% CM	None	-	-	-	-	MF + VF	Very calc	None	Abrupt smooth
2	75	10YR63 Stone faces 05Y81	CH	>70% CH Total sieved	None	None	Well fissured to 70cm	M (assumed)	-	F VF (to 75cm)	Very calc	None	-

Profile Gleyed From: -
Depth to Slowly Permeable Horizon: -
Wetness Class: I
Wetness Grade: 3a

Available Water Wheat: 97 mm
Potatoes: 96 mm
Moisture Deficit Wheat: 102 mm
Potatoes: 94 mm
Moisture Balance Wheat: -5 mm
Potatoes: +2 mm
Droughtiness Grade: 3a (Calculated to 75 cm)

Final ALC Grade: 3a
Main Limiting Factor(s): Drought

Remarks:
Roots to 75 cm.

VP336-9

SITE NAME Dorchester Hill		PROFILE NO. Pit 2		SLOPE AND ASPECT 3° NW		LAND USE PGR		Av Rainfall: 909 mm ATO: 1515°C FC Days: 191 Climatic Grade: 1			PARENT MATERIAL Upper Chalk		
JOB NO. 22/94		DATE 12/4/94		GRID REFERENCE ST 881 055 (ASP 4)		DESCRIBED BY N A Done/ H Lloyd-Jones					SOIL SAMPLE REFERENCE RPT/HLJ/32		
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	35	10YR43	HCL	5% CH Total (Vis)	None	-	>0.5%	-	-	CM + F	Very calc	None	Abrupt smooth
2	70	10YR64	MZCL	3% CH Total (Vis)	None	WDCSAB (Breaking to medium)	>0.5%	M	Fr	CF (to 55cm)	Very calc	None	Clear smooth
3	90+	05Y81	CH	99% CH Total (Vis)	None	-	-	M (assumed)	-	None	Very calc	None	-

Profile Gleyed From: -
Depth to Slowly Permeable Horizon: -
Wetness Class: I
Wetness Grade: 3a

Available Water Wheat: 138 mm
Potatoes: 124 mm
Moisture Deficit Wheat: 102 mm
Potatoes: 94 mm
Moisture Balance Wheat: +36 mm
Potatoes: +30 mm
Droughtiness Grade: 1 (Calculated to 110 cm)

Final ALC Grade: 3a
Main Limiting Factor(s): Workability

Remarks:

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