

SITE NAME		PROFILE NO.	SLOPE AND ASPECT		LAND USE		Av Rainfall: 713 mm		PARENT MATERIAL			
Calne		1	2° SW		Permanent Grass		ATO: 1429 day °C		Jurassic Clays			
JOB NO.		DATE	GRID REFERENCE		DESCRIBED BY		FC Days: 159		SOIL SAMPLE REFERENCES			
68/94		14/6/94	SU007714 ASP 15		P R Woode/N A Done		Climatic Grade: 1		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	22	C	10YR3/2	-	-	-	-	-	M	Many	Many fine	-	Clear smooth
2	67	C	25Y5/2	-	Many distinct ochreous	Few	Moderate Coarse Prismatic	Firm	Poor	<0.5% biopores	Many Fine exped	Slight	Clear smooth
3	90+	C	25Y5/0	-	Common Distinct Ochreous	Common	Well dev. V coarse Angular Blocky	Firm	Poor	<0.5% biopores	Common Fine exped	Slight	-

Profile Gleyed From: 22 cm

Depth to Slowly Permeable Horizon: 35 cm (22)

Wetness Class: IV

Wetness Grade: 3b

VP336-14

Available Water Wheat: 104 mm

Potatoes: 102 mm

Moisture Deficit Wheat: 107 mm

Potatoes: 100 mm

Moisture Balance Wheat: -3 mm

Potatoes: -2 mm

Droughtiness Grade: 3a (Calculated to 90 cm)
2 (Calculated to 120 cm)

Final ALC Grade: 3b

Main Limiting Factor(s): Wetness

Remarks: