

SITE NAME		PROFILE NO	SLOPE AND ASPECT	LAND USE	Av Rainfall	916 mm	PARENT MATERIAL	
Old Wheatley Farm		Pit 1	10° N	Ley	ATO	1515 day °C	Shale	
JOB NO		DATE	GRID REFERENCE	DESCRIBED BY	FC Days	188	SOIL SAMPLE REFERENCES	
126/94		12/1/95	SX894923	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	30	MCL	10YR43	2% ZR (Vis est)			MDC+M SAB	Friable		G	Many fine + v fine		Clear/ smooth
2	45	C	10YR53	8% ZR	CDMOM 10YR58	None	WDCSAB	Firm	P	P	Common fine		Gradual/ smooth
3	120	C	10YR62	15% HR (Vis est)	MDCOM 75YR58	None	WD Adherent CSAB	Firm	P	P	Few fine + v fine		

Profile Gleyed From 30
Depth to Slowly Permeable Horizon 30
Wetness Class IV
Wetness Grade 3b

Available Water Wheat 125 mm
Potatoes 103 mm
Moisture Deficit Wheat 99 mm
Potatoes 90 mm
Moisture Balance Wheat 26 mm
Potatoes 13 mm
Droughtiness Grade 1 (Calculated to 120 cm)

Final ALC Grade 3b
Main Limiting Factor(s) Wetness

Remarks
Pit impenetrable at 80 cm

VP336 15

126/94