

SITE NAME		PROFILE NO	SLOPE AND ASPECT	LAND USE	Av Rainfall	853 mm	PARENT MATERIAL	
Thornford		Pit 1 (ASP 3)	2° North	Rough Grass	ATO	1512 day °C	Fuller s Earth Rock (Limestone)	
JOB NO		DATE	GRID REFERENCE	DESCRIBED BY	FC Days	180	SOIL SAMPLE REFERENCES	
62/95		19/9/95	ST606 136	HLJ	Climatic Grade	1		
					Exposure Grade			

Horizon No	Lowest Av Depth (cm)	Texture	Matrix (Ped Face) Colours	Stoniness Size Type and Field Method	Motting 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	23	HCL	10YR43	1/ SLST TOTAL (VIS)	None	None				Good	MF+VF		Clear Smooth
2	60	C	10YR63	10 / SLST TOTAL (VIS) (patchy)	CDFO+G (10YR66 72)	None	WCAB	Firm	Poor	Poor	FF+VF		

Profile Gleyed From 23cm
Depth to Slowly Permeable Horizon 23cm
Wetness Class IV
Wetness Grade 4

Available Water Wheat 120 mm
Potatoes 98 mm
Moisture Deficit Wheat 101 mm
Potatoes 93 mm
Moisture Balance Wheat 19 mm
Potatoes 5 mm
Droughtiness Grade 2 (Calculated to 120 cm)

Final ALC Grade 4
Main Limiting Factor(s) Wetness
Remarks Augured to 100cm