

SITE NAME Maidenbrook Farm		PROFILE NO Pit 1	SLOPE AND ASPECT 0°	LAND USE PGR	Av Rainfall 744 mm	PARENT MATERIAL Mercia Mudstone	
JOB NO 73/94		DATE 23/6/94	GRID REFERENCE ST 248 263	DESCRIBED BY GMS	ATO 1560 day °C	SOIL SAMPLE REFERENCES RPT/GMS/419 420	
					FC Days 161		
					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	20	MCL	7 5YR42	5% >2 mm HR S+D	none	none				G	MVF		Clear smooth
2	50	MCL	5YR54	5% >2mm HR S+D	FFFO	F	MCSAB	Frable	M	P	CVF		Clear smooth
3	80+	HCL	5YR43	5% HR Visual	CDFO	C	MCSAB	Frable	M	P	FVF		

Profile Gleyed From Not gleyed
Depth to Slowly Permeable Horizon No SPL
Wetness Class 1
Wetness Grade 1

NL3361

Available Water Wheat 147 mm
Potatoes 111 mm
Moisture Deficit Wheat 112 mm
Potatoes 106 mm
Moisture Balance Wheat 55 mm
Potatoes 5 mm
Droughtiness Grade 2 (Calculated to 120 cm)

Final ALC Grade 2
Main Limiting Factor(s) Droughtiness

Remarks