

SITE NAME West Buckland		PROFILE NO Pit 1	SLOPE AND ASPECT 0°	LAND USE PGR		Av Rainfall 872 mm	PARENT MATERIAL Keuper Marl	
JOB NO 75/94		DATE 24/6/94	GRID REFERENCE ST 177 202	DESCRIBED BY GMS		ATO 1510 day °C	SOIL SAMPLE REFERENCES RPT/GMS/422	
						FC Days 184		
						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	24	C	7.5YR4/2	1% HR Visual	none	none					MVF	none	Clear smooth
2	50	C	7.5YR5/3	1% HR Visual	CFFO	none	MCSAB	Friable	M	Low	CVF	none	Clear smooth
3	80	C	7.5YR5/2	0% Visual	CDFO	F	MCSAB	Firm	M	Good	FVF	none	

Profile Gleyed From 24 cm  
 Depth to Slowly Permeable Horizon No SPL  
 Wetness Class II  
 Wetness Grade 3b

Available Water Wheat 158 mm  
 Potatoes 114 mm  
 Moisture Deficit Wheat 99 mm  
 Potatoes 90 mm  
 Moisture Balance Wheat 39 mm  
 Potatoes 24 mm  
 Droughtiness Grade 1 (Calculated to 120 cm)

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

Remarks

NL3361