

SITE NAME		PROFILE NO		SLOPE AND ASPECT		LAND USE		Av Rainfall		PARENT MATERIAL			
Heatherton Park Bradford on Tone		Pit 1 (ASP5-6)		1° East		Cereal		844 mm		Upper Marls (Keuper)			
JOB NO		DATE		GRID REFERENCE		DESCRIBED BY		ATO		SOIL SAMPLE REFERENCES			
14/95		8/3/95		ST 172 223		HLJ		1527 day °C		RPT/HLJ/128			
FC Days								179					
Climatic Grade								1					
Exposure Grade								I					
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	32	MSL	10YR44	5% HR total (Vis)	None	None				Good	CF+VF		Gradual Smooth
2	68	HCL	05YR43	1% HR Total (Vis)	CDMO (10YR66)	C	MCSAB	Friable	Moderate	Good	FF+VF		Abrupt Wavy
3	90+	SCL	7.5YR64	5% HR Total (Vis)	CDMO (10YR66)	C	WCSAB	Firm	Moderate	Good	FVF		
Profile Gleyed From 32 cm				Available Water				Wheat 148 mm		Final ALC Grade 2			
Depth to Slowly Permeable Horizon No SPL				Moisture Deficit				Wheat 101 mm		Main Limiting Factor(s) Wetness			
Wetness Class II				Moisture Balance				Wheat 47 mm		Remarks			
Wetness Grade 2								Potatoes 93 mm					
				Droughtiness Grade				1 (Calculated to 120 cm)		Stone in H3 was manganese concretions			