

SITE NAME Starcross		PROFILE NUMBER Pit 1		SLOPE AND ASPECT 0°		LAND USE Cereal Stubble		Av Rainfall: 854 mm ATO: 1592 deg		PARENT MATERIAL Plenstocene and recent River Terrace Deposits			
JOB NO. 86/93		DATE 1 Sep 1993		GRID REFERENCE ASP 23 SX 972 816		DESCRIBED BY G Clark/G Shaw		FC Days: 177 Climatic Grade: 1					
Horizon Number	Lowest Av Depth (cm)	Matrix and Ped Face Colours	Texture	Stoniness: Size, Shape, Type, and Field Method	Mottling Abundance, Contrast, Size and Colour	Structure: Development Size and Shape	Pores and Fissures	Structural Condition	Consistence	Roots: Abundance, Size and Nature	Calcium Carbonate Content	Mangan Concs etc	Horizon Boundary: Distinctness
1	40	76YR44	MSL	3% HR Total 1% > 2cm (sieved/disp)	none		Good			V fine common fine few coarse few		none	Clear smooth
2	60	25YR44	MSL	2% >2cm HR 41% >2mm HR 43% HR Total (sieved/displ)	none	WCSAB	<0.5% <0.5mm but stony	Good	Friable	Few fine + v fine		none	Wavy abrupt
3	120	5YR58	LMS	0	none	WC Platy and VC	Low	Mod	Friable	none		none	
Profile Gleyed From: not				Available Water				Wheat: 113mm		Final ALC Grade: 3A			
Depth to Slowly Permeable Horizon: none				Potatoes: 94mm						Main Limiting Factor(s): Droughtiness			
Wetness Class: I				Moisture Deficit				Wheat: 109mm					
Wetness Grade: 2				Potatoes: 104mm									
				Moisture Balance				Wheat: +4mm					
				Potatoes: -10mm									
				Droughtiness Grade: 3A (to 120cm)						Remarks: Thin 5cm thick MSL layer above horizon 3 (10YR61) Dug to 90cm Augered to 110cm			