

SITE NAME		PROFILE NO		SLOPE AND ASPECT		LAND USE		Av Rainfall		PARENT MATERIAL			
Collaton St Mary		Pit 1 (Asp 10)		5° NE		PGR		1040 mm		Conglomerate			
JOB NO		DATE		GRID REFERENCE		DESCRIBED BY		ATO		TOPSOIL SAMLE REFERENCE			
12/94		8 3 94		SX 859 601		Paul Barnett/Gill Shaw		1531 °c		RPT/PB/115			
FC Days								216					
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 and form
1	20	2 5YR44	MCL	20% <2cm (S+D)	None					Many v fine	None	None	Abrupt smooth
2	70	2 5YR44	MCL	31% HR <2cm (S+D)	None	MCSAB	Good	Moderate	Friable	Common v fine	None	None	Clear smooth
3	115+	2 5YR43	HCL	32% HR <2cm (S+D)	None	WCSAB	Good	Moderate	V Friable	Few v fine	None	Many	

Profile Gleyed From	Not gleyed	Available Water	Wheat	100 mm	Final ALC Grade	2
Depth to Slowly Permeable Horizon	No SPL		Potatoes	86 mm	Main Limiting Factor(s)	Workability
Wetness Class	I	Moisture Deficit	Wheat	94 mm		
Wetness Grade	2		Potatoes	82 mm		
		Moisture Balance	Wheat	+18 mm		
			Potatoes	+4 mm		
		Droughtiness Grade		2 (Calculated to 120 cm)	Remarks	