

SITE NAME		PROFILE NO		SLOPE AND ASPECT		LAND USE		Av Rainfall			PARENT MATERIAL		
Matford Bridge		Pit 1/ASP4		0°		Recently sown arable		846			Alluvium		
JOB NO		DATE		GRID REFERENCE		DESCRIBED BY		ATO					
102/93		1 December 1993		ASP4		G Clark and N Done		1598					
								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 and form
1	30	75YR44	MCL	2% HR						Few	None	None	Sharp/ smooth
2	65	5YR54 5YR53 pale ped faces	HCL		No mottles	MDCSAB	V porous	M	Friable	Common fine	None	Many	Grad/ smooth
3	90+	5YR53 + 54	MSL	2% HR	C Dom >5YR56	WDCSAB	V porous >0.5%	M	Friable	Few	None	Many	

Profile Gleyed From Gleyed 30

Depth to Slowly Permeable Horizon No SPL

Wetness Class II

Wetness Grade 3a

Available Water Wheat 159

Potatoes 116

Moisture Deficit Wheat 111

Potatoes 106

Moisture Balance Wheat 48

Potatoes 10

Droughtiness Grade 1

Final ALC Grade 3a

Main Limiting Factor(s) Wetness

Remarks

Wet at 80 cm

SITE NAME		PROFILE NO.		SLOPE AND ASPECT		LAND USE		Av Rainfall: 846			PARENT MATERIAL		
Matford Bridge		Pit 2		0°		Permanent grass		ATO: 1598			Alluvium		
JOB NO.		DATE		GRID REFERENCE		DESCRIBED BY		FC Days: 177					
102/93		3 December 1993		ASP28		G Clark		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	75YR43	ZC	0	Common 5YR44 not gleyed	-	-	-	-	Many fine/v fine	None	None	Clear/ smooth
2	27	05YR54	C	0	5YR46 common distinct	Weakly developed adherent CSAB	<0.5% root channels	Poor	Firm	Many fine/v fine	None	Few	Abrupt/ smooth
3	55	10YR63	C	0	10YR58 Common distinct	Weak developed adherent CSAB	<0.5% root channels	Poor	Firm	Many fine/v fine	None	Common	Clear/ smooth
4	100+	5YR53/63	C	0	75YR56 common	Moderate developed CSAB	<0.5% root channels	Mod	Firm	Many	None	Many	-

Profile Gleyed From: 20
Depth to Slowly Permeable Horizon: 27
Wetness Class: IV
Wetness Grade: 4

Available Water Wheat: 131
Potatoes: 106
Moisture Deficit Wheat: 111
Potatoes: 106
Moisture Balance Wheat: 20
Potatoes: 0
Droughtiness Grade: 2

Final ALC Grade: 4
Main Limiting Factor(s): Wetness

Remarks: