

SITE NAME		PROFILE NO	SLOPE AND ASPECT	LAND USE	Av Rainfall	1176 mm	PARENT MATERIAL	
Ermington		Pit 1 (Nr Asp 14)	9 SW	Cereals	ATO	1568 day °C	Slate	
JOB NO		DATE	GRID REFERENCE	DESCRIBED BY	FC Days	233	PSD SAMPLES TAKEN	
62 98		8/10/98	SX 6240 5258	PB	Climatic Grade	2	TS 0 25 cm HCL (S24 Z44 C 32%)	
					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	23	HCL	7 5YR54	5% HR (vis)	0	0							Abrupt Smooth
2	40	HCL	7 5YR54	10% HR (vis)	FDFO 7 5YR58	0	MDCSAB	FR	M	G	CVF		Abrupt Smooth
3	78	C	7 5YR62	40%ZR(vis)	CDFO 7 5YR58	0	WKCSAB	FM	P	P	FVF		Clear Smooth
4	95+	C	00N61	60%ZR(vis)	FDFO 10YR66 7 5YR58	0	M	FM	P	P	O		

Profile Gleyed From 40 cm
 Slowly Permeable Horizon From 78 cm
 Wetness Class III
 Wetness Grade 4

Available Water Wheat 119 mm
 Potatoes 97 mm
 Moisture Deficit Wheat 91 mm
 Potatoes 81 mm
 Moisture Balance Wheat 28 mm
 Potatoes +16 mm
 Droughtiness Grade 2 (Calculated to 120 cm)

Final ALC Grade 4
 Main Limiting Factor(s) We

Remarks H3 not SPL
 H4 gleyed (reduced)

62/98

SITE NAME		PROFILE NO	SLOPE AND ASPECT	LAND USE	Av Rainfall	1103 mm	PARENT MATERIAL	
Ermington		Pit 2 (Nr Asp 51)	0	PGR	ATO	1602 day C	Alluvium gravel	
JOB NO		DATE	GRID REFERENCE	DESCRIBED BY	FC Days	223	PSD SAMPLES TAKEN	
62 98		8 10 98	SX 6321 5217	PB	Chmatic Grade	1	TS 0 25 cm MSL (S52 S32 C16%)	
					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	28	MSL	10YR43	0% > 2 cm (vis) 92% < 2 cm (s+d) 9% HR	0	0					MF VF		Abrupt Smooth
2	105+	CLS	10YR63,64	3% > 2 cm (s) 50% < 2 cm (s+d) 53% HR	0	0	GR	Loose	M	G	FVF		

Profile Gleyed From

Slowly Permeable Horizon From

Wetness Class I

Wetness Grade 1

Available Water Wheat 68 mm

Potatoes 58 mm

Moisture Deficit Wheat 99 mm

Potatoes 91 mm

Moisture Balance Wheat 31 mm

Potatoes 33 mm

Droughtiness Grade 3b (Calculated to 120 cm)

Final ALC Grade 3b

Main Limiting Factor(s) Dr

Remarks Pit dug to 85 cm probed to 105 cm

SITE NAME		PROFILE NO	SLOPE AND ASPECT		LAND USE		Av Rainfall 1226 mm		PARENT MATERIAL			
Ermington		Pit 3 (Asp 74)	4 S		Ley		ATO 1525 day C		Staddon Grit			
JOB NO		DATE	GRID REFERENCE		DESCRIBED BY		FC Days 241		PSD SAMPLES TAKEN			
62 98		8 10 98	SX 6434 5240		PB		Climatic Grade 2		TS 0 25 cm MCL (S42 Z35 C23%)			
Exposure Grade 2												

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	MCL	2 5YR36	1%>2cm (s) 13%<2 cm (s+d) 14% HR	0	0					MF VF		Grad Smooth
2	42	HCL	25YR44	2%>2 cm (s) 18%<2 cm (s+d) 20% HR	0	0	WKCSAB	FR	M	G	CF VF		Grad Wavy
3	80 (105+)	C	2 5YR54	15%> 2 cm (s) 23%< 2 cm (s+d) 38% HR	0	0	WKCSAB	FM	M	G	FVF		

Profile Gleyed From

Slowly Permeable Horizon From

Wetness Class I

Wetness Grade 3a

Available Water Wheat 105 mm

Potatoes 90 mm

Moisture Deficit Wheat 83 mm

Potatoes 71 mm

Moisture Balance Wheat +22 mm

Potatoes +19 mm

Droughtiness Grade 2 (Calculated to 120 cm)

Final ALC Grade 3a

Main Limiting Factor(s) Wk

Remarks Pit dug to 80 cm probed to 105 cm