SITE NA	ME	PROFILE	NO.	SLOPE	AND A	SPECT	LAND USE		Av Rainfall	١.	814 m		PARENT M	ATERIAL	
Poltimore	1	Pit 1		0°			Winter cerea	ls	ATO:	<b>.</b>	1545°	ш	Lower Sands	stone	
JOB NO.		DATE		GRID I	REFERE	NCE	DESCRIBE	BY	]				TOPSOIL S.	AMPLE	
109/93		10/12/93		ASP 17	7 SX	967 953	PB/GMS		FC Days: Climatic G	rade:	171 1		RPT/GC 137	7	
Horizon Number	Lowest Av Depth (cm)	Matrix and Ped Face Colours	Texture	Stoning Size, S Type, a Field M	hape, ind	Mottling Abundance, Contrast, Size and Colour	Structure: Development Size and Shape	Pores and Fissures	Structural Condition	Consi	istence	Roots: Abundance, Size and Nature	Calcium Carbonate Content	Mangan Concs etc	Horizon Boundary: Distinctness and form
1	30	5YR43	MCL	None v	isual	None						Common fine	None	None	Clear smooth
2	50	5YR56 ped face 5YR54	HCL	None v	isual	None	MCSAB	Good	Moderate	Firm		Few fine	None	Few	Diffuse smooth
3	70	5YR54 ped 5YR53	HCL	15%		Common 7.5YR58	MCSAB tending to prismatic	ending to		Few v fine	None	Common	Clear smooth		
4	85+	2.5YR46	С	15%		None	Massive	Low	Poor	Firm	T.:	None	None	Common	
Profile G	leyed From:	50 cm			Availa	ole Water	Wheat: 13	3 mm			Final	ALC Grade:	2		
Depth to Permeabl	Slowly e Horizon:	70 cm			Moistu			4 mm 9 mm			Main	Limiting Facto	r(s): Wetnes	ss	
Wetness	Class:	П						2 mm							
Wetness	Wetness Grade:	2											<u> </u>		
					Moistu	re Balance	Wheat: +2	4 mm			Rema	rks:			
							Potatoes: +1	2 mm							
					Drougl	ntiness Grade:	2 (	to 120 cm)							

SITE NA	ME	PROFILE	NO.	SLOP	E AND A	SPECT	LAND	USE					<del></del>	PARENT M	ATERIAL	"
Poltimore	e	Pit 2		2° Sou	ıth		Ley			Av Rainfal	1:	814 m		Lower Sand	Istone	
JOB NO.		DATE	174.	GRID	REFERE	ENCE	DESCR	IBED	BY	1		1545			Mangan Bounda Concs etc Distinct and fort	
109/93		14/12/93		ASP 7	9 SX 9	971 960	N A Do	ne/HL	J	FC Days: Climatic G	rade:	171 1				
Horizon Number	Number Depth (cm)		Texture	Stonin Size, S Type, a Field M	shape, and	Mottling Abundance, Contrast, Size and Colour	Structur Develop Size and Shape	ment	Pores and Fissures	Structural Condition	Cons	sistence	Roots: Abundance, Size and Nature	Calcium Carbonate Content	Concs	Horizon Boundary: Distinctness and form
1	40	7.5YR43	MSL	Neg		-	-		-	-	_		Many fine few med		None	Gradual/ clear smooth
2	67	7.5YR44	FSL	Neg	- 1		WCSAE	3	>0.5%	Good	V fri	able	Many fine + v fine		None	
3	120+	5YR56	LFS				WMSA	В	>0.5%	Moderate	V fri	able	Few fine		None	
Profile G	leyed From:	Not gleyed			l Availat	ole Water	Wheat:	188	mm			Final A	ALC Grade:	1		
	e Horizon:	No SPL		ı	Moistu	re Deficit	Potatoes: Wheat:	132 109				Main 1	Limiting Factor	r(s):		
Wetness (		1					Potatoes:	102	mm							
					Moistu	re Balance	Wheat:	79 m	ım			Remar	lea.	····	<u></u>	
							Potatoes:	30 m	ım			Remai	KS.			
					Drough	tiness Grade:		1 (to	120 cm)							

SITE NA	ME	PROFILE	NO.	SLOPI	E AND A	SPECT	LAND U	SE		Av Rainfal	1.	814 m		PARENT M	ATERIAL	
Poltimore	e	Pit 3		0° (To	op of sp	ur)	Grass ley	,		ATO:	1.	1545°		Culm Measu	ıres	
JOB NO.	· ************************************	DATE		GRID	REFERE	NCE	DESCRI	BED	BY						Mangan Concs etc  - Sharp/ smooth  Few  Few	
109/93		15/12/93		ASP 1	08 SX	960 957	N A Don	е		FC Days: Climatic G	rade:	171 1				
Horizon Number	nber Depth (cm) Ped Face Colours Text		Texture	Stonin Size, S Type, a Field M	hape, and	Mottling Abundance, Contrast, Size and Colour	Structure Developm Size and Shape		Pores and Fissures	Structural Condition	Cons	istence	Roots: Abundance, Size and Nature	Calcium Carbonate Content	Concs	Horizon Boundary: Distinctness and form
1	25	05YR44	HZCL	2% ZR		-	-		-	<b>-</b>	-		Many fine + v fine	-	-	Sharp/ smooth
2	55	05YR48	С	2% ZR		CDOM 7.5YR78	WD adher CAB	ent	<0.5%	Poor	Firm		Many fine (around peds)	-	Few conc	Clear/ smooth
3	70+	2.5YR48	С	8% ZR		MDOM 7.5YR78, 64	WD adher CAB	ent	<0.5%	Poor	Firm		Com fine	-	Few	
Profile G	leyed From:	25			Availat	ole Water	Wheat:	93 n	nm			Final .	ALC Grade:	3b		
Depth to Permeabl	e Horizon:	25 IV			Moistu	re Deficit	Potatoes: Wheat:	105 :	mm			Main 1	Limiting Factor	r(s): Wetnes	s	
Wetness	Grade:	3b					Potatoes:	102								
					Moistu	re Balance V	Wheat:	-16 1	mm			Remar	ks:		•	
							Potatoes:	+3 n	nm							
					Drough	tiness Grade:		3 <b>A</b> (	to 70 cm)							

SITE NA	ME	PROFILE	NO.	SLOPI	E AND A	SPECT	LAND	USE					····	PARENT M	IATERIAL	· · · · · · · · · · · · · · · · · · ·
Poltimore	e	Pit 4		1° No	rth		CER			Av Rainfal ATO:	1:	814 n		Lower Sand	stone	
JOB NO. 109/93		DATE 22/12/93		GRID ASP 20	REFERE	967 951	DESCI GMS/I		ВУ	FC Days:	rade:	171 1		TOPSOIL S		-
Horizon Number	Lowest Av Depth (cm)	Matrix and Ped Face Colours	Texture	Stonin Size, S Type, a Field M	hape, and	Mottling Abundance Contrast, Size and Colour	Structu Develo Size an Shape	pment	Pores and Fissures	Structural Condition	Cons	istence	Roots: Abundance, Size and Nature	Calcium Carbonate Content	Mangan Concs etc	Horizon Boundary: Distinctness and form
1	45	2.5YR46	SCL/ MCL	>1% H 4% HR 4% HR sieved/	>2mm Total	None							Common fine	None	SAMPLE 331 Mangan Concs	Gradual smooth
2	120+	2.5YR36	MCL	8% HR Sieved/		None	MCSA	В	Good	Moderate	Friab	le	Few fine	None	None	
Profile G	leyed From:	Not gleyed			Availal	ole Water	Wheat:	150	mm			Final.	ALC Grade:	1		
Depth to Permeabl	e Horizon:	No SPL			Moistu	re Deficit	Potatoes: Wheat:	115 109				Main	Limiting Factor	r(s):		
Wetness (		1					Potatoes:								SAMPLE 331  Mangan Concs etc  None	
					Moistu	re Balance	Wheat: Potatoes:	+41				Remai	ks:			
					Drough	tiness Grade:		1								

SITE NA	ME	PROFILE	NO.	SLOPE	AND A	SPECT	LAND U	SE		Av Rainfal	1.	814 m		PARENT M	IATERIAL	
Poltimore	e	Pit 5		2° Nor	th		Ley			AV Rainiai ATO:	1.	1545°		Lower Sand	stone	
JOB NO.		DATE		GRID I	REFERE	NCE	DESCRI	BED	BY	1				TOPSOIL S	AMPLE	
109/93		22/12/93		ASP 21	l6 SX	970 950	G Clark/	GMS		FC Days: Climatic G	rade:	171 1		RPT/GMS 3	329	
Horizon Number	Lowest Av Depth (cm)	Matrix and Ped Face Colours	Texture	Stoning Size, S Type, a Field M	hape, ind	Mottling Abundance Contrast, Size and Colour	Structure Developm Size and Shape	nent	Pores and Fissures	Structural Condition	Cons	sistence	Roots: Abundance, Size and Nature	Calcium Carbonate Content	Mangan Concs etc	Horizon Boundary: Distinctness and form
1	25	05YR44	MSL	4% HR v	HR wet sieve None		-		>0.5%	-	-		Many fine and v fine		None	Clear/ smooth
2	60	05YR34	FSL	2% HR v	vet sieve	None	MC/VCS	SAB	>0.5%	Moderate	Friat	ole	Common fine and v fine		None	Clear/ smooth
3	85	2.5YR46	LFS	None		None	WCSAB		>0.5%	Moderate	V fri	able	Common fine and v fine		None	Clear/wavy
4	85+	2.5YR46	LFS with clay lenses	None		None	WCSAB matrix MCSAB lenses	clay	>0.5%	Moderate Moderate	V Fr		Few v fine		None	
Profile Gl	eyed From:	Not gleyed			Availab	ole Water	Wheat:	176	mm			Final A	ALC Grade:	1		
Wetness (	e Horizon: Class:	No SPL I			Moistu	re Deficit	Potatoes: Wheat: Potatoes:	118 : 109 : 102 :	mm			Main l	Limiting Factor	r(s): None.		
Weilless (	Wetness Grade:	1			Moistu	re Balance	Wheat: Potatoes:	+67 +16				Remar				
					Drough	tiness Grade	:	1 (to	120 cm)			Textur	es by PSD anal	lysis.		

SITE NA	ME	PROFILE	NO.	SLOPE	AND A	SPECT	LAND US	Е		Av Rainfall	١.	814 m	m	PARENT M	ATERIAL	···
Poltimore	•	Pit 6		0°			PGR			ATO:	. <b>.</b>	1545°		Alluvium		
JOB NO.	•	DATE		GRID I	REFERE	NCE	DESCRIB	ED BY		FC Days:		171		TOPSOIL S.	AMPLE	
109/93		22/12/93		ASP 40	) SX 9	65 963	G Clark/G	MS		Climatic G	rade:	1		RPT/GMS/335		
Horizon Number	1 1 44		Texture	Stonine Size, Si Type, a Field M	hape, ind	Mottling Abundance, Contrast, Size and Colour	Structure: Developme Size and Shape	ent Pores and Fissur		Structural Condition	Cons	stence	Roots: Abundance, Size and Nature	Calcium Carbonate Content	Mangan Concs etc	Horizon Boundary: Distinctness and form
1	30	7.5YR44	zc	1% MS visual o		None	<u>-</u>	>0.5%	6	-	-		Many fine and v fine		None common	Clear/ smooth
2	50	7.5YR64	С	3% MS visual		7.5YR58 common	MCSAB	<0.5%	6	Mod	Firm	Common fine/v fine				
3	85+	10YR62 Ped - 75YR63	С	10% M inc wit depth, est	h	10YR58 MDOM	W adheren		6	Poor	Firm		Common fine/v fine	Many		-
Profile G	leyed From:	30			Availa	ble Water	Wheat:	105 mm				Final	ALC Grade:	4		
Depth to Permeable	Slowly le Horizon:	50			Moistu	re Deficit		106 mm 109 mm				Main	Limiting Facto	r(s): Wetnes	s	
Wetness	Class:	III					Potatoes:	102 mm								
Wetness	Grade:	4			Moistu	re Balance	Wheat:	-4 mm								
								+4 mm				Rema	rks:			
					Drong	ntiness Grade:		3A (to 85 ci	)			Placed	l in 3B unit.			
					Dioug	nuness Grade.		J CO 0J) AC	1117							

SITE NA	ME	PROFILE	NO.	SLOPE	E AND A	SPECT	LAND US	E	Av Rainfal	1.	914		PARENT M	IATERIAL	
Poltimore	e	Pit 7		1° Sou	th		Permanent	grass	AV Rainiai	11;	814 m		Alluvium		
JOB NO.		DATE		GRID	REFERE	NCE	DESCRIB	ED BY					TOPSOIL S	AMPLE	· <del></del>
109/93		22/12/93		ASP 93	3 SX 9	73 959	HLJ/GMS		FC Days: Climatic G	rade:	171 1		RPT/GMS 3	32	
Horizon Number	Lowest Av Depth (cm)	Matrix and Ped Face Colours	Texture	Stoning Size, S Type, a Field M	hape, and	Mottling Abundance, Contrast, Size and Colour	Structure: Developme Size and Shape	Pores and Fissures	Structural Condition	Cons	istence	Roots: Abundance, Size and Nature	Calcium Carbonate Content	Mangan Concs etc	Horizon Boundary: Distinctness and form
1	20	5YR43	FSL	3% >2 2% <2 Total 5% visual	6 HR	None						Many fine v fine	-	-	Smooth sharp
2	50	5YR44	FSL	5% HR v	% HR visual None		мсав	Poor	Mod	Friab	le	None	None	None	Wavy abrupt
3	75	7.5YR42	MSL	0% visus	ıl	None	мсав	Poor	Mod	Friab	le	None	None		
4	85	10YR42	Org MZCL	0% visua	il	None	MCSAB		Mod	Friab	le	None	None	None	
5	85+	10YR52	Org MZCL	0%		Many	MCAB	Poor	Mod	Friab	le	None	None	None	
Profile G	leyed From:	85 cm			Availal	ole Water	Wheat:	158 mm			Final	ALC Grade:	1		
Depth to Permeabl	Slowly le Horizon:	No SPL			Maint			116 mm			Main	Limiting Facto	r(s):		
Wetness	Class:	I			Moistu			109 mm							
Wetness	Grade:	1						102 mm						<u></u>	
					Moistu			+49 mm			Rema	rks:			
							Potatoes:	+14 mm -							
					Drough	tiness Grade:		l (to 120 cm)							
V/D226	3							,							

SITE NA	ME	PROFILE	NO.	SLOPE	E AND A	SPECT	LAND USE	;	Av Rainfal	1.	814 m		PARENT M	IATERIAL	
Poltimore	•	Pit 8		2° Nor	th		Permanent	grass	AV Kainiai ATO:	1:	1545°		Alluvium		
JOB NO.		DATE		GRID	REFERE	NCE	DESCRIBE	D BY	1				TOPSOIL S	AMPLE	
109/93		23/12/93		ASP 64	1 SX 9	67 961	GMS/HLJ		FC Days: Climatic G	rade:	171 I		RPT/GMS 3	38	
Horizon Number	Lowest Av Depth (cm)	Matrix and Ped Face Colours	and Ped Face Texture		ess: hape, and Method	Mottling Abundance, Contrast, Size and Colour	Structure: Development Size and Shape	Pores and Fissures	Structural Condition	Cons	istence	Roots: Abundance, Size and Nature	Calcium Carbonate Content	Mangan Concs etc	Horizon Boundary: Distinctness and form
1	28 5YR44 MSL		MSL	0% >2 5% >2 Total 5 sieved/ displace	mm 5% HR	-	-	-	_	-		Common fine	None	None	Abrupt smooth
2	75	5YR46 No pale ped faces	FSL		>2mm 11% HR		MCSAB	Good	Mod	Friab	le	Common v fine	None	Few	Wavy abrupt
3	120+	2.5YR46	FSL	None		None	MCAB	Good	Mod	Friab	le	Few v fine	None	Few	
Profile G	leyed From:	Not gleyed			Availal	ble Water	Wheat: 1	68 mm			Final	ALC Grade:	1		
Depth to Permeabl	Slowly e Horizon:	No SPL			Moistu	re Deficit		13 mm 09 mm			Main	Limiting Facto	or(s):		
Wetness	Class:	I						02 mm							
Wetness	Grade:	1			<u> </u>										
					Moistu	re Balance	Wheat: +	59 mm			Rema	rks <sup>,</sup>			
							Potatoes: +	11 mm '							
					Drougl	htiness Grade:	1	(to 120 cm)			Textu	res by PSD ana	llysis.		
T IDOO C	_				I						I				

SITE NA	ME	PROFILE	NO.	SLOPI	E AND A	SPECT	LAND USE		Av Rainfal	11.	814 n		PARENT M	<b>IATERIAL</b>	
Poltimore	:	Pit 9		0°			PGR		AV Ramiai	ц:	814 n		Lower Sand	Istone	
JOB NO.		DATE		GRID	REFERE	NCE	DESCRIBED	BY	1				TOPSOIL S	SAMPLE	
109/93		23/12/93		ASP 2	3 SX 9	69 965	PB/GMS		FC Days: Climatic G	irade:	171 1		RPT/GMS 3	341	
Horizon Number	Lowest Av Depth (cm)	Matrix and Ped Face Colours	Texture	1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1	hape,	Mottling Abundance, Contrast, Size and Colour	Structure: Development Size and Shape	Pores and Fissures	Structural Condition	Cons	istence	Roots: Abundance, Size and Nature	Calcium Carbonate Content	Mangan Concs etc	Horizon Boundary: Distinctness and form
1	15	7.5YR43	MSL	None	ne None		-	Good	-	-		MF-M AbVF		None	Clear smooth
2	40	7.5YR53	MSL	i	20% >2mm C wk med Mn concs etc sieve 10YR66		MMSAB	Good	Good	Friab	le	CF-M MVF		Ab-M	Clear smooth
3	70	10YR73	MSL	11% > Mainly concs	Mn	C wk med 10YR66	MCSAB Good		Mod	Friab	le	   FM		Ab	Clear smooth
4	120	7.5YR66	MS	None		None	WCAB	Good	Mod	V fria	able	FVF		Few	
Profile G	leyed From:	15 cm			Availal	ble Water	Wheat: 124	mm			Final	ALC Grade:	2		
Depth to Permeable	Slowly e Horizon:	No SPL			Mojetu			mm mm			Main	Limiting Facto	r(s): Wetnes	SS	
Wetness (	Class:	ш			IVIOISIU										
Wetness (	Grade:	2					Potatoes: 102	? mm							
					Moistu	re Balance	Wheat: +15	5 mm			Rema	elso.			
							Potatoes: +9	mm '			Kenia	IAS.			
					Drougl	ntiness Grade:	2								
TTDOOG					آ آ										