SITE NAME PROFILE NO			SLOPE AND ASPECT				LAND USE			Raınfall	752 mm		PARENT MATERIAL						
Ruishton	Ruishton 2 Pit 1			00			PG	PGR			0	1561 day °C		RPT/GMS/421					
JOB NO	JOB NO DATE			E	GRID I	REFEREN	FERENCE I		DESCRIBED BY		FC Days		162		SOIL SAMPLE REFERENCES				
74/94	74/94			24/6/94		ASP 6 ST 269 247		GMS				natic Grade	1		Alluvium				
Horizon No	Av Texture (Matrix (Ped Face) Colours		ness Type and Method Mottling Abundance Contrast Siz and Colour		ıze	Mangan Concs	Structure Ped Development Size and Shape		Consistence	Structural Condition	Pores (Fissures)	Roots Abundance and Size	Calcium Carbonate Content	Horizon Boundars Distinctness and form			
1	28	HCL	,	7 5YR42	0% (Si	eved)	none		none						MVF	none	Clear smooth		
2	55	С		5YR>4	Total I (S+D)	5% HR none			none	MCSAB		Friable	М	Low	CVF	none	Clear smooth		
3	70+	С		5YR54	30% H (Visual	•			none	MCSAB		Friable	М	G	FVF	none			
Profile G	Profile Gleyed From Not gleved						Available Water Wheat 121 mm							Final ALC Grade 2					
Depth to Permeable Wetness	e Horizon	ło SPL	_		Moisture		Potat Whea	otatoes 105 mm heat 112 mm				Main Limiting Factor(s) Workability							
	Wetness Class I Wetness Grade 2							Potal	toes 107 n	nm									
· · · · · · · · · · · · · · · · · · ·	Welless Of Ide 2					Moisture Balance V		Whent 9 mm					Remarks						
								Potat	Potrtoes 2 mm				7.0						
NL3361						Drought	iness Grade		2 (Calculated to 120 cm)										

SITE NAME PR		PROFILE NO SLOP		SLOPE	SLOPE AND ASPECT			LAND USE			Rainfall	752 mm		PARENT MATERIAL				
Ruishton (2)			Pit 2		0°		PLO			A ²	го	1561 day °C		Keuper Marl				
JOB NO			DATE		GRID REFERENCE		ICE	DESCRIBED BY		Y	FC Days		162		SOIL SAMPLE REFERENCES			
74/94			27/6/94		ST 271 239			HLJ/GMS			Climatic Grade Exposure Grade		1		RPT/PB/145			
Horizon No	on Av Texture		Matrix (Ped Face) Colours		Type and Mottling Abundance Contrast Sirand Colour			Mangan Concs	I I IOS AIASM		Consistence	Structural Condition	Pores (Fissures)	Roots Abundance and Size	Calcium Carbonate Content	Horizon Boundary Distinctness and form		
1	27	ZC 10YR		10YR42	neg		none	none							FF		Gradual smooth	
2	50	С		05GY61	0%		none		none	MCSAB		Firm	М	Good	none		Gradual smooth	
3	70+	С		05GY61	0%	none		none		WMSAB		Firm	G	Good	none			
Profile G	leved Froi	n M	Vot ble	eved		Availabl	nt 187 n	nm			Final ALC Grade 31							
Depth to Permenbl	e Horizon	No SPI	L		Potatoes 124 mm Moisture Deficit Whent 112 mm								Main Limiting Factor(s) Workability					
Wetness	Grade	37					Potat	toes 107 mm										
						Moisture Balance V			Wheat 75 mm				Remarks					
								Potat	toes 17 m	17 mm			Remarks					
						Drought	iness Grade		1 (Cr	1 (Calculated to 120 cm)								

NL3361

SITE NA	ME	PRO	FILE NO	SLOPE AND ASPECT			LAND USE			Av Raınfall	752 mm		PARENT MATERIAL				
Ruishton (2)		Pit 3	Pit 3		0			3		АТО	1561 day	1561 day °C		Valley Gravel/Keuper Marl			
JOB NO DA			ГЕ	GRID I	REFERENCE			SCRIBED B	Y	FC Days	162		SOIL SAMPLE REFERENCES				
74/94	74/94		28/6/94		241 (ASF	P 31)		HLJ/GMS		Climatic Grade	i		RPT/HLJ/51				
Horizon No	Lowest Av Depth (cm)	Texture	Matrix (Ped Face) Colours	Stoning Size Ty Field M	pe and	e and Abundance		Mangan Concs	Structure Ped Developme Size and Shape	Exposure Gradent Consistence	Structural	Pores (Fissures)	Roots Abundance and Size	Calcium Carbonate Content	Horizon Boundary Distinctness and form		
1	25	HCL	10YR43	1% HR Visual		None	None						CF CVF		Clear smooth		
2	45	С	10YR46	1% HR Visual		FFFO		F	MCSAB	Fr	М	Good	CF CVF		Clear smooth		
3	75	С	7 5YR44	2% HR large 26% HR <2cm 28% HR Total (S+D)		FFFO	FFO F		WC/MSA	B Fr	М	Good	CF VF		Clear wayy		
4	95+	c	2 5YR58	1% HR	(Vis)	FFFO		F	WC/MAB	Fm	M/P	Poor	FF VF				
Profile G	leved Froi	m Not g	leved		Availabl	le Water V	Wheat	. 128 n	nm		Final ALC	Final ALC Grade 2					
Depth to Permeable Wetness	e Horizon Class	90 cn ! 2	ı		Moisture	e Deficit V	Potato Wheat Potato	. 112 n	nm		Main Limiting Factor(s) Workability						
	J. 144	-			Moisture Balance			16 m pes 1 mr			Remarks	Remarks					
NL3361			Drought	iness Grade		2 (Ca	lculated to 1	SPL stats at 90 not at the top of H4 because of structur 20 cm)									

SITE NAME		PRO	PROFILE NO		E AND ASPECT		LAND USE			Av Rai	ınfall	752 mm		PARENT MATERIAL			
Ruiston (2)		Pit 4	Pıt 4		0°			R		АТО		1561 day °C		Keuper Marl			
JOB NO DATE			TE	GRID REFERENCE			DE	DESCRIBED BY			ıv s	162	-	SOIL SAMPLE REFERENCES			
74/94	74/94		28/6/94		5 241 (ASI	SP 29) P		PRW		Climatic Grade Exposure Grade		1		RPT/PRW/112			
Horizon No	Lowest Av Depth (cm)	Texture	Matrix (Ped Face) Colours		Mottling Abundance Contrast Size and Colour		lize	Mangan Concs	Structure Ped Developm Size and Shape		onsistence	Structural Condition	Pores (Fissures)	Roots Abundance and Size	Calcium Carbonate Content	Horizon Boundary Distinctness and form	
1	22	HCL	75YR3/4	0%	, , ,	N		N	•	Fr	riable	Moderate	Many	Many Fine		Abrupt smooth	
2	50	HCL	75YR4/6	0%		N		Few	Moderate Medium Subangula Blocky		rinble	Moderate	Many	Many Fine		Abrupt smooth	
3	63	HCL	75YR4/6	Sieved	ard Rock N			Few	Estimated MMSAB	Fr	rınble	Moderate	Many	Common Fine		Abrupt smooth	
4	85+	С	5YR4/3	0%		5YR5/8 Common		N	Moderate Medium Prismatic	Fı	ırm	Moderate	<0.5% biopores in ped	Few to common ex ped			
Profile G	leved Froi		Availab	le Water	Whea	it 142 r	nm			Final ALC Grade 3a							
Depth to Permeabl Wetness	e Horizon	63 cn	n		Moisture		Potate Whea					Main Limiting Factor(s) Wetness					
Wetness		3a					Potate	oes 107 r	nm								
WCHICSS	Orauc		Moisture Balance V			Wheat 30 mm				Remarks							
							Potate	Potatoes 7 mm				Wetness class representative for ASP 35 36 28 29					
NL336ı					Drough	iness Grade		2 (Ca	lculated to 1	120 cm)		Wethess of its representative for ASI 33 30 20 27					