SITE NA	ME		PROF	FILE NO.	SLOPE	AND ASPE	СТ	LAI	ND USE		Av Rainfall:	883 mm		PARENT MA	TERIAL	
Dawlish.9	9		Pit 1	(Asp 13)	6°S			Cer			ATO:	1593 day	°C	Dawlish sands	tone	
JOB NO.			DATI	Ē	GRID I	REFERENCI		DES	SCRIBED B	Y	FC Days:	188		PSD SAMPLE	S TAKEN	
12.99			11.2.9	99	SX 964	9 7937		PB			Climatic Grade:	1		TS 0-25 cm: M	ISL (S51:Z37	7:C1 2 %)
Horizon No.	Lowest Av. Depth (cm)	Te	xture	Matrix (Ped Face) Colours	Stonine Size,Ty Field M	pe, and	Mottling Abundanc Contrast, Size and Colour	ee,	Mangan Concs	Structure: P Developme Size and Shape	1	Structural Condition	Pores (Fissures)	Roots: Abundance and Size	Calcium Carbonate Content	Horizon Boundary: Distinctnes and form
1	28	N	ASL :	7.5YR4/2	0% > 2 c 6% < 2 c 6% HR		0		0	-	-	-	-	CF,VF	-	Grad Smooth
2	70	FS	LSCL	7.5YR5/4,4/2	0 (v)		0		0	WKCAB	FR	G	G	FVF	-	Grad Smooth
3	105+	ŀ	HCL	5YR5/4	0 (v)		0		F	WKCAB	FR	M	G	0	-	
Profile Gl	eyed Fron	n:	Not gle	eyed	-	Available \	Water W	Vheat:	: 1	77 mm		Final ALC	Grade:	2	,	,
Slowly Pe Horizon F Wetness G	From:		No SP	L		Moisture I		otatoe Vheat	: 10	37 mm 04 mm		Main Limit	ting Factor(s): Erosion ris	sk	
Wetness (Grade:		1			 Moisture E		otatoe Vheat:		97 mm +73 mm						
								otatoe		+40 mm		Remarks:				
						Droughtine	ess Grade: 1	1	(Calc	culated to 120	cm)					

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SITE NAI	ME		PROF	FILE NO.	SLOPE	AND ASPE	ECT	LAND USE		Av l	Rainfall:	883 mm		PARENT MA	ΓERIAL	
Dawlish 9	9		Pit 2	(Nr Asp 40)	10 °SE			Cer		ATO	O:	1593 day	°C	Dawlish sands	tone	
JOB NO.			DAT	Ε 3	GRID F	EFERENC	E	DESCRIBE	BY	FC	Days:	182		PSD SAMPLE	STAKEN	
12.99			11.2.9	99	SX 973	2 7912		PB			natic Grade:	1		TS 0-25 cm: L	MS (S83:Z9:	C8%)
Horizon No.	Lowest Av. Depth (cm)	Tex	ture	Matrix (Ped Face) Colours	Stonine Size,Ty Field M	pe, and	Mottling Abundance Contrast, Size and Colour	ee, Mangan Concs	Structure Developi Size and Shape	: Ped ment	Consistence	Structural Condition	Pores (Fissures)	Roots: Abundance and Size	Calcium Carbonate Content	Horizon Boundary: Distinctne
1	27	L!	MS	5YR4/6	1% > 2 c <u>4%</u> < 2 c 5% HR		0	0	-		-	-	-	MF,VF	-	Abrupt Wavy
2	70	N	1 S	2.5YR4/6	0 (v)		0	C (staining	MDC	AB	VF	G	G	FF.VF	-	Grad Wavy
3	116+	N	4S	2.5YR4/8	0 (v)		0	F (staining	WKCA	\B*	VF	М	G	0	-	
Profile G	leyed Fron	n: 1	Not gle	eyed		Available	Water W	Vheat:	74 mm			Final ALC	Grade:	3b		
Slowly Po Horizon I Wetness	From: Class:]	No SP	L		Moisture I	Deficit V	otatoes: Vheat: otatoes:	58 mm 104 mm 97mm			Main Limit	ing Factor(s	s): Gr, Dr		
						Moisture I		Vheat: otatoes:	-30 mm -39 mm			Remarks:	H3 st	tructure tending	to platy.	
						Droughtin	ess Grade: 3	Bb (C	alculated to 1	20 cm)						

SITE NAI	ME		PROF	ILE NO.	SLOPE	AND ASPE	CT	LAN	D USE	A	Av Rainfall:	900 mm		PARENT MA	ΓERIAL		
Dawlish.	99		Pit 3 (Asp 50)	5°SW			PLO		1	ATO:	1570 day	•c	Dawlish sands	one		
JOB NO.		\neg	DATE	3	GRID F	REFERENC	E	DES	CRIBED B	Y	C Days:	186		PSD SAMPLE	S TAKEN		
12.99			12.2.9	9	SX 958	4 7882		PB			Climatic Grade: Exposure Grade:	1		TS 0-25 cm: M	TS 0-25 cm: MSL (S76:Z15:C9%)		
Horizon No.	Lowest Av. Depth (cm)	Text		Matrix (Ped Face) Colours	Stonine Size,Ty Field M	pe, and	Mottling Abundance Contrast, Size and Colour		Mangan Concs	Structure: Pe Development Size and Shape	d	Structural Condition	Pores (Fissures)	Roots: Abundance and Size	Calcium Carbonate Content	Horizon Boundary: Distinctness and form	
1	55 IMSMS 5VP5/4 1%>				2% > 2 cr 18% < 2 20% HR	cm (s+d)			0	_	-	-	-	FVF	-	Grad Smooth	
2	$\frac{1}{2}$ $\frac{1}$			1% > 2 c <u>9%</u> < 2 c 10% HR		0		0	MDCAB	VF	М	G	FVF	-	Grad Smooth		
3	105+	MS	SL*	2.5YR4/8	0 (v)	0			0	WKCAB	VF	G	G	0	-		
Profile G	leyed Fron	n: N	Not gle	eyed		Available	Water W	Wheat: 146 mm				Final ALC	Grade:	2			
Horizon l	Slowly Permeable Horizon From: No SPL Wetness Class:					Moisture I	Deficit W	otatoes /heat: otatoes	10	8 mm 04 mm 7mm		Main Limiting Factor(s): Dr					
weiness	Vetness Grade: 1					Moisture Balance Who			+	42 mm		Remarks:	H3 ta	exture variable I	MS-SCI		
							Po	otatoes	s: -	9 mm		Acmarks.		tructure tending			
Dro					Droughtin	ess Grade: 2		(Calc	ulated to 120 c	m)							

SITE NAI	ME	PR	OFILE NO.	SLOPE	AND ASPE	CT	LAND USE		Av Rainfall:	929 mm		PARENT MA	TERIAL	
Dawlish.9	9	Pit	4 (Asp 89)	4°S			PGR		ATO:	1554 day	°C	Sandstone/bred	ccia boundary	•
JOB NO.		DA	TE	GRID I	REFERENCI	3	DESCRIBED	BY	FC Days:	189		PSD SAMPLE	S TAKEN	
12.99		18.	2.99	SX 956	2 7833		РВ		Climatic Grade:	1		TS 0-25 cm: M	ISL (S72: Z1	7: C11%)
Horizon No.	Lowest Av. Depth (cm)	Texture	Matrix (Ped Face) Colours	Stonine Size,Ty Field M	pe, and	Mottling Abundance Contrast, Size and Colour	e, Mangan Concs	Structure: F Developme Size and Shape		Structural Condition	Pores (Fissures)	Roots: Abundance and Size	Calcium Carbonate Content	Horizon Boundary: Distinctne and form
1	30	MSL	5YR4/3	1% > 2 c <u>9%</u> < 2 c 10% HR		0	0	-	-	-	_	MF,VF	-	Grad Smooth
2	50	MSL/LM	5YR4/4	1% > 2 c 18% < 2 19% HR		0	0	WKMAI	3 VF	G	G	CVF	-	Grad Smooth
3	94	MSL	2.5YR4/4	1% > 2 c 27% < 2 28% HR	m (s+v) cm (s+d)	0	0	WKCAE	3 VF	G	G	FVF		Abrupt Smooth
4	110+	MS	2.5YR4/6	0% > 2 c 12% < 2 12% HR	cm (s+d)	0	0	WKMAI	3 VF	М	G	0	÷	
Profile G	leyed Fror	n: Not	gleyed		Available	Water W	heat:	125mm		Final ALC	Grade:	2	,	
Slowly Po Horizon I		No S	PL		Moisture I		otatoes: Theat:	99 mm 104 mm		Main Limit	ting Factor(s	s): Dr		
Wetness	Class:	1					otatoes:	97mm						
Wetness	Grade:	1			Moisture E		heat:	+21mm						
						Po	otatoes:	+2 mm		Remarks:			,	
					 Droughtine	ess Grade: 2	(C	alculated to 120	cm)					

SITE NAI	ME	PRO	FILE NO.	SLOPE	AND ASPE	CT	LA	ND USE		Av Rainf	fall:	929 mm		PARENT MA	TERIAL	
Dawlish.9	9	Pit 5	(Asp 67)	3° NW			PGI	R		ATO:		1554 day	°C	Dawlish sands	tone	
JOB NO.		DAT	E	GRID F	REFERENCI	E	DE	SCRIBED B	Ϋ́	FC Days	:	189		PSD SAMPLE	S TAKEN	
12.99		18.2.	99	SX 954	2 7885		РВ		[Climatic		1		TS 0-25 cm: L	MS/MSL (S8	30:Z11:C9%)
Horizon No.	Lowest Av. Depth (cm)	Texture	Matrix (Ped Face) Colours	Stonine Size,Ty Field M	pe, and	Mottling Abundance Contrast, Size and Colour	e,	Mangan Concs	Structure: Po Development Size and Shape	nt	e Grade:	Structural Condition	Pores (Fissures)	Roots: Abundance and Size	Calcium Carbonate Content	Horizon Boundary: Distinctness and form
1	28	MSLIMS	5YR4/2	1% > 2 c 13% < 2 14% HR	cm (s+d)	0		0	-		-	-	-	MF,VF	-	Clear Smooth
2	48	LMS	2.5YR4/4	0 (v)	_	0		0	WKCAB		VR	М	G	FF,VF	-	Grad Smooth
3	90	MS	2.5YR4/6	0 (v)		0		0	WKCAB		VR	М	G	0	-	Grad smooth
4	100+	MSST	2.5YR4/6	Rock		0		0	-	:	-	-	-	0		
Profile G	leyed From	m: Not g	eyed		Available	Water W	/heat	: 79	9mm			Final ALC	Grade:	3b	<u>'</u>	'
Slowly Pe Horizon I	From:	No SI	PL		Moisture I		otato /heat		8 mm 4 mm			Main Limit	ting Factor(s	s): Dr		
						Po	otato	es: 9	7mm							
Wetness	Grade:	1			Moisture I	Balance W	/heat	:: -2	5 mm			Remarks:	—————————————————————————————————————	s soft sandstone	but with wor	m channels
						Po	otato	es: -2	29 mm					ining roots and		in chamicis
					Droughtine	ess Grade: 3	b	(Calc	culated to 120	cm)						

SITE NAI	ME	PRO	FILE NO.	SLOPE	AND ASPE	CCT	LAN	ND USE		Av Ra	ainfall:	929 mm		PARENT MA	TERIAL	
Dawlish.9	9	Pit 6	(Asp 117)	3° NE			Cer			ATO:		1554 day	°C	Teignmouth bi	reccia	
JOB NO.		DAT	<u>`E</u>	GRID F	REFERENC	Ξ .	DES	SCRIBED B	Y	FC Da	ays:	189		PSD SAMPLE	S TAKEN	
12.99		19.2	.99	SX 957	0 7784		РВ				atic Grade:	1		TS 0-25 cm : N	MSL (S75:Z1	2: C13%)
Horizon No.	Lowest Av. Depth (cm)	Texture	Matrix (Ped Face) Colours	Stonine Size,Ty Field M	pe, and	Mottling Abundanc Contrast, Size and Colour		Mangan Concs	Structure: P Developme Size and Shape	ed nt	sure Grade: Consistence	Structural Condition	Pores (Fissures)	Roots: Abundance and Size	Calcium Carbonate Content	Horizon Boundary: Distinctnes and form
1	24	MSL	5YR4/2	1% > 2 c 22% < 2 23% HR		0		0	-		<u>-</u>	-	-	FF,VF	-	Abrupt Smooth
2	40	LMS	2.5YR4/4	1% > 2 c 29% < 2 30% HR	cm (s+d)	FDFOM	Л	F	WKCAB	;	VF	М	G	FVF	-	Grad Smooth
3	90	MSL	2.5YR4/4	1% > 2 c 36% < 2 37% HR	cm (s+d)	0		F	WKCAB	i	VF	М	Р	0	-	Clear Wavy
4	100+	LMS	2.5YR4/6	37% HR	(v)	FDMPN 5YR7/3 Local patche	3	F locally C	WKMAE	3	VF	М	P	0	_	
Profile G	leyed Fror	n: Not g	le yed		Available	Water W	Vheat:	: 88	mm			Final ALC	Grade:	3a		
Slowly Po Horizon I	From:	No SI	PL		Moisture I	Deficit V	otatoe Vheat: otatoe	: 104	mm 4 mm			Main Limit	ting Factor(s	s): Dr		
Wetness	Grade:	1				•		/1								
					Moisture I	Balance W	Vheat:	: -1	6тт			Remarks:				
						P	otatoe	es: -2	28mm			Acmarks.				
					Droughtine	ess Grade: 3	3a	(Calc	ulated to 120	cm)						

SITE NAI	ME	PRO	FILE NO.	SLOPE	AND ASPE	CT	LA	ND USE		Av]	Rainfall:	930 mm		PARENT MA	ΓERIAL	
Dawlish.9	9	Pit 7	(Asp 139)	6° N			Cer	•		AT	0:	1509day °0	c	Teignmouth br	eccia	
JOB NO.	<u></u>	DAT	E	GRID F	REFERENCI	 E	DE	SCRIBED B	Y	FC :	Days:	189		PSD SAMPLE	STAKEN	
12.99		22.2.	99	SX 957	2 7738		PB				matic Grade:	1		TS 0-25 cm : N	ASL/SCL (S59): Z24: C17%)
Horizon No.	Lowest Av. Depth (cm)	Texture	Matrix (Ped Face) Colours	Stonine Size,Ty Field M	pe, and	Mottling Abundanc Contrast, Size and Colour	e,	Mangan Concs	Structure: F Developme Size and Shape	ed	Consistence	Structural Condition	Pores (Fissures)	Roots: Abundance and Size	Calcium Carbonate Content	Horizon Boundary: Distinctness and form
1	28	MSL/SCL	2.5YR4/2	2% > 2 c 23% < 2 25% HR	cm (s+d)	0		0	-		_	-	-	FF,CVF	-	Abrupt Smooth
2	70	CSLSOL*	2.5YR4/3	1% > 2 c 34% < 2 35% HR	cm (s+d)	0		0	WKCSAI	В	VF	G	G	FVF	7	Grad Smooth
3	100+	CSL/SCL*	2.5YR4/4	4% > 2 c 44% < 2 48% HR	cm (s+d)	0		0	Too stony	у	VF	(M)	P	0	•	
Profile Gl	leyed Fron	n: Not g	leyed		Available	Water W	Vheat	:: 11	18 mm			Final ALC	Grade:	2	1	
Slowly Pe Horizon I	from:	No SF	PL		Moisture I		otato Vheat		8mm 4 mm			Main Limit	ing Factor(s	s): Dr		
						P	otato	es: 92	lmm							
Wetness	oraue:	1			Moisture I	Balance V	Vheat	:: +1	4 mm			Remarks:	шэ і	J2 vons gritter th	erofono diffi-	wilt to page -
						P	otato	es: +	·1 mm			Remarks.		H3 very gritty the re by hand.	ieretore aimo	un to assess
					Droughtine	ess Grade: 2	2	(Calc	ulated to 120	cm)	ŀ				,	

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SITE NAI	ME	PRO	OFILE NO.	SLOPE	AND ASPE	CT	LĀ	ND USE		Av	Rainfall:	916 mm		PARENT MA	ΓERIAL		
Dawlish.9	19	Pit8	(Nr Asp 167)	4° W			Cer	•		ΑT	O:	1510 day	c c	Teignmouth br	eccia		
JOB NO.		DA'	TE	GRID F	REFERENC	E	DE	SCRIBED B	Y	FC	Days:	188	}	PSD SAMPLE	S TAKEN		
12/99		24/2	2/99	SX 951	7 7564		GN	I + PB			matic Grade: posure Grade:	1 1	Ì	TS 0-25 cm : SCL/MSL (S52:Z30:C18%)			
Horizon No.	Lowest Av. Depth (cm)	Texture	Matrix (Ped Face) Colours	Stonine Size,Ty Field M	pe, and	Mottling Abundance Contrast, Size and Colour	е,	Mangan Concs	Structure: F Developme Size and Shape	ed	Consistence	Structural Condition	Pores (Fissures)	Roots: Abundance and Size	Calcium Carbonate Content	Horizon Boundary: Distinctness and form	
1	22	SCL	2.5YR3/2	3% > 2 cr 30% < 2 cr 33% HR		0		0	-		-	-	-	MF,VF	<u>·</u>	Clear Wavy	
2 45		С	2.5YR4/3	2% > 2 cr 31% < 2 c 33% HR	cm (s+d)	0		0	WKCSAI	В	FR	М	G	CF, VF	-	Clear Smooth	
3	105+	C	2. 5YR4/4	4% > 2 (s 36% < 2 40% HR	2 (s+d)		6	0	М		FM	P	P (low)	FVF	-		
Profile Gl	leyed From	: Not {	gleyed		Available	Water W	'heat	: 80	6 mm			Final ALC	Grade:	3a			
Slowly Per Horizon I Wetness O	From: Class:	No S I 3a			Moisture I	Deficit W	otato Theat otato	ı: 10	2 mm 14 mm 7mm			Main Limit	ing Factor(s): Dr			
				,	Moisture E		heat otato		18 mm 5 mm			Remarks:	Probe	ed to 120 cm		_	
					Droughtine	ess Grade: 3			ulated to 120	cm))						