

SITE NAME		PROFILE NO.		SLOPE AND ASPECT		LAND USE		Av Rainfall: 1056			PARENT MATERIAL		
St Newlyn East		Pit 1		0°		Grass ley		ATO: 1548			Grampound Grit		
JOB NO.		DATE		GRID REFERENCE		DESCRIBED BY		FC Days: 207					
43/93		18/11/93		ASP 43		N A Done		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	40	10YR34	MCL	5% ZR visual est.	-	-	-	-	-	Many fine and v fine	None	None	Gradual/ smooth
2	70	10YR44	MCL/ HCL	2% HR 6% ZR	-	WDC + MSAB	>0.5% earth-worm	M	Friable	Many fine	None	None	Clear/ smooth
3	90+	25Y64	HCL	35% ZR visual est.	-	WDCSAB large stones affecting structure	Well fissured	M	Friable	Few fine	None	None	

Profile Gleyed From: Not gleyed

Depth to Slowly Permeable Horizon: -

Wetness Class: I

Wetness Grade: 2

Available Water Wheat: 147

Potatoes: 117

Moisture Deficit Wheat: 91

Potatoes: 81

Moisture Balance Wheat: 56

Potatoes: 36

Droughtiness Grade: 1

Final ALC Grade: 2

Main Limiting Factor(s): Workability

Remarks:

SITE NAME St Newlyn East		PROFILE NO. Pit 2		SLOPE AND ASPECT 3° west		LAND USE Grass ley		Av Rainfall: 1056 ATO: 1548 FC Days: 207 Climatic Grade: 1		PARENT MATERIAL Grampound Grit			
JOB NO. 43/93		DATE 18/11/93		GRID REFERENCE ASP 26		DESCRIBED BY G Clark							
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	25	10YR44	MCL	10% ZR	-	-	-	-	-	Many roots	-	-	Clear/ smooth
2	35	10YR44	MCL	25% ZR	-	WDMSAB	Well fissured	G	Friable	Common fine	None	None	Clear/ smooth
3	90+	10YR66	HCL	10% >2cm 32% <2cm 42% ZR Total	-	MDCSAB	>0.5%	M	Friable	Common fine	None	None	

Profile Gleyed From: -  
Depth to Slowly Permeable Horizon: -  
Wetness Class: I  
Wetness Grade: 2

Available Water Wheat: 139  
Potatoes: 105  
Moisture Deficit Wheat: 91  
Potatoes: 81  
Moisture Balance Wheat: 49  
Potatoes: 24  
Droughtiness Grade: 1

Final ALC Grade: 2  
Main Limiting Factor(s): Workability

Remarks: