

SITE NAME		PROFILE NO.		SLOPE AND ASPECT		LAND USE		Av Rainfall: 1002			PARENT MATERIAL		
Cubert		Pit 1		3° south		Brassicas		ATO: 1544			Slate		
JOB NO.		DATE		GRID REFERENCE		DESCRIBED BY		FC Days: 198					
49/93		19 November 1993		ASP 25		G Clark		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	17	10YR43	SCL	4% >2cm dry sieve 10% <2mm visual est 14% ZR	None	-	-	-	-	Many fine + v fine	Yes	None	Clear/wavy
2	25	10YR44	MCL	33% >2cm dry sieve 16% <2mm wet sieve 49% ZR	None	Too stony to assess	Many fissures along rock faces	Assumed moderate	-	Many fine/ v fine	Yes	None	Clear/wavy
3	50	10YR66	MCL	45% >2cm dry sieve 14% <2mm wet sieve 59% ZR	None	Too stony to assess	Many fissures	Assumed moderate	-	Common fine + v fine	Yes	None	Clear/wavy
4	90	10YR61	ZR	70% ZR	None	-	-	-	-	-	-	-	-

Profile Gleyed From: -
Depth to Slowly Permeable Horizon: -
Wetness Class: 1
Wetness Grade: 2

Available Water Wheat: 86
 Potatoes: 82
Moisture Deficit Wheat: 94
 Potatoes: 84
Moisture Balance Wheat: -8
 Potatoes: -2
Droughtiness Grade: 3A

Final ALC Grade: 3A
Main Limiting Factor(s): Drought

Remarks:
Pit dug to 50 cm, at which solid rock.

SITE NAME		PROFILE NO.		SLOPE AND ASPECT		LAND USE		Av Rainfall: 1002			PARENT MATERIAL		
Cubert		Pit 2		0°		Cabbages		ATO: 1544			Meadfoot Beds		
JOB NO.		DATE		GRID REFERENCE		DESCRIBED BY		FC Days: 198					
49/93		19/10/93		ASP 53		P Barnett and N 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	28	10YR43	SCL	5% ZR 5% HR	-	V compact topsoil	-	-	-	Few roots fine	Slightly calc	-	Gradual/ smooth
2	80	10YR54/ 56 + 43	HCL	10% HR	-	WDC+ MSAB	>0.5% earth-worm	M	Friable	V few	None	-	Gradual/ smooth
3	100+	10YR54	HCL/C	40% ZR visual est.	-	WDCSAB	Well fissured	M	Friable	None	None		

Profile Gleyed From: Not gleyed

Depth to Slowly Permeable Horizon: No SPL

Wetness Class: 1

Wetness Grade: 2

Available Water Wheat: 139

Potatoes: 109

Moisture Deficit Wheat: 94

Potatoes: 84

Moisture Balance Wheat: 45

Potatoes: 25

Droughtiness Grade: 1

Final ALC Grade: 2

Main Limiting Factor(s): Workability

Remarks: