

SITE NAME		PROFILE NO.	SLOPE AND ASPECT	LAND USE	Av Rainfall: 903 mm	PARENT MATERIAL
Padstow		Pit 1 (Asp 4)	6° N	PGR	ATO: 1574 day °C	
JOB NO.		DATE	GRID REFERENCE	DESCRIBED BY	FC Days: 179	SOIL SAMPLE REFERENCES
5.96		16.2.96	sw91557470	PB	Climatic Grade: 1	
Exposure Grade:						

Horizon No.	Lowest Av. Depth (cm)	Texture	Matrix (Ped Face) Colours	Stoniness: Size, Type, and Field Method	Mottling Abundance, Contrast, Size and Colour	Mangan Concs	Structure: Ped Development Size and Shape	Consistence	Structural Condition	Pores (Fissures)	Roots: Abundance and Size	Calcium Carbonate Content	Horizon Boundary: Distinctness and form
1	23	HCL	10YR43	1% >2cm 22% <2cm 23% ZR(S&D)	0	0	-	-	-	G	MF, VF	-	Clear smooth
2	31	HCL	10YR44	5% >2cm 28% <2cm 33% ZR(S&D)	0	0	WMSAB	Fr	G	(G)	CVF	-	Clear smooth
3	77	HZCL	10YR54	15% >2cm 42% <2cm 57% ZR(S&D)	FDMO 10YR58	F	Too stony	Fr	(M)	(G)	FVF	-	

Profile Gleyed From: -

Depth to Slowly Permeable Horizon: -

Wetness Class: I

Wetness Grade: 3A

Available Water Wheat: 98mm

Potatoes: 96

Moisture Deficit Wheat: 100mm

Potatoes: 92 mm

Moisture Balance Wheat: 9 mm

Potatoes: +4 mm

Droughtiness Grade: 3a (Calculated to 77 cm)

Final ALC Grade: 3a

Main Limiting Factor(s): Dr

Remarks: Pit dug to 77 cm, limited by large hard rock.