

SITE NAME Pwlland Trunton		PROFILE NO Pit 1	SLOPE AND ASPECT 0°	LAND USE Potatoes	Av Rainfall 775 mm ATO 1535 day °C FC Days 167 Climatic Grade 1 Exposure Grade	PARENT MATERIAL River Gravel
JOB NO 61 94		DATE 18 5 94	GRID REFERENCE Asp 15 ST 224271	DESCRIBED BY H Lloyd Jones/P Barnett		SOIL SAMPLE REFERENCES RPT/HLJ/45

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	30	MCL	7 5YR43	3% >2 cm HR 27% <2cm HR 30% Total HR (S+D)	0	0					CF VF	0	Abrupt smooth
2	70	HCL	7 5YR54	6% >2cm HR 34% <2cm HR 40% Total HR (S+D)	0	0	WCSAB	Fr	M	G	FF VF	0	Gradual smooth
3	115+	HCL	7 5YR53	4% HR >2cm 53% HR <2cm 57% HR (S+D)	0	C	Too stony to assess	Fm	M (assumed)	G	0	0	

Profile Glevelled From 70

Depth to Slowly Permeable Horizon No SPL

Wetness Class I

Wetness Grade I

VP336 13

Available Water Wheat 88 mm

Potatoes 79 mm

Moisture Deficit Wheat 106 mm

Potatoes 98 mm

Moisture Balance Wheat 18 mm

Potatoes 19 mm

Droughtiness Grade 3A (Calculated to 120 cm)

Final ALC Grade 3A

Main Limiting Factor(s) Droughtiness

Remarks

Possibly poor structural condition