

SITE NAME Langford Budville		PROFILE NO Pit 1	SLOPE AND ASPECT 2° N	LAND USE Permanent Grassland	Av Rainfall 915 mm ATO 1451 day °C FC Days 192 Climatic Grade 1 Exposure Grade	PARENT MATERIAL Conglomerate
JOB NO 58 94		DATE 25 5 94	GRID REFERENCE Asp 3 ST 111226	DESCRIBED BY P Barnett		SOIL SAMPLE REFERENCES RPT/PB/136

Horizon No	Lowest Av Depth (cm)	Texture	Matrix (Ped Face) Colours	Stoniness Size Type and Field Method	Mottling Abundance Contrast Size and Colour	Mangan Conc	Structure Ped Development Size and Shape	Consistence	Structural Condition	Pores (Fissures)	Roots Abundance and Size	Calcium Carbonate Content	Horizon Boundary Distinctness and form
1	27	MCL	05YR44	5% HR <2cm (S+D)	0	0					MF VF	0	Gradual smooth
2	45	SCL	2 5YR34	5% >2cm 13% <2cm 18% HR (S+D)	0	0	MCSAB	Fm	M	G	CF VF	0	Clear smooth
3	80	C	2 5YR44	0	0	0	MCSAB	Fm	M	G	FF VF	0	Abrupt smooth
4	110+	CSL	2 5YR36	32% <2cm HR (S+D)	0	0	W/massive		M (assumed)		0	0	

Profile Gleyed From Not gleyed

Depth to Slowly Permeable Horizon No SPL

Wetness Class 1

Wetness Grade 2

Available Water Wheat 131 mm

Potatoes 109 mm

Moisture Deficit Wheat 88 mm

Potatoes 76 mm

Moisture Balance Wheat +43 mm

Potatoes +33 mm

Droughtiness Grade 1 (Calculated to 120 cm)

Final ALC Grade 2

Main Limiting Factor(s) Workability

Remarks