Project Name: Shire of Kowree, Vic

Project Code: Observation ID: 1 SK Site ID: **A23**

CSIRO Division of Soils (VIC) Agency Name:

Site Information

Desc. By: Date Desc.: Locality: G. Blackburn

Elevation: 24/11/53 150 metres Map Ref.: 1:250000 Rainfall: 0 Northing/Long.: Runoff: 141.676111111111 No runoff -37.020277777778 Easting/Lat.: Drainage: Poorly drained

Geology

ExposureType: No Data Conf. Sub. is Parent. Mat.: No Data Geol. Ref.: **Substrate Material:** No Data No Data

Land Form

Rel/Slope Class: Gently undulating plains <9m Pattern Type: Plain

Flat Morph. Type: Relief: 6 metres

Elem. Type: Plain Slope Category: Very gently sloped

0 % Aspect: No Data Slope:

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification: Mapping Unit: N/A Magnesic Mottled-Hypernatric Brown Sodosol **Principal Profile Form:** Dy5.41 **Great Soil Group:** Solodic soil **ASC Confidence:**

Analytical data are incomplete but reasonable confidence. **<u>Site Disturbance:</u>** No effective disturbance. Natural

Vegetation:

Mid Strata - Shrub, , . *Species includes - Banksia marginata

Tall Strata - Tree, 6.01-12m, Very sparse. *Species includes - Eucalyptus baxteri

Surface Coarse Fragments:

Profile Morphology

0 - 0.08 m Light brownish grey (2.5Y6/2-Moist); ; Sand; Loose consistence;

0.22 - 0.56 m Light brownish grey (2.5Y6/2-Moist); ; 20-50%, Gravel, coarse fragments;

0.56 - 0.6 m Pale yellow (2.5Y7/4-Moist); ; Sand;

0.9 - 0.98 m Yellowish brown (10YR5/6-Moist); , 2.5YR56; Sandy medium clay;

Morphological Notes

Observation Notes

LAYERS RENUMBERED 10/11/92

Site Notes

LOWAN S & L.U. No 17. Map Site 23

Shire of Kowree, Vic

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Laboratory Test Results:

Depth m	рН	1:5 EC dS/m		angeable Ig	Cations K	Na Cmol (+	Exchangeable Acidity -)/kg	CEC	ECE	C ESP
0 - 0.08 0.22 - 0.56 0.56 - 0.6	5.4A	0.005C	0.7F	0.1	0.03	0.03				
0.9 - 0.98	5.5A	0.04C	0.2F	5.2	0.17	2.4				
Depth m	CaCO3	Organic C %	Avail. P mg/kg	Total P %	Total N %	Tota K %	I Bulk Density Mg/m3	Pa GV	rticle Size CS FS %	Silt Clay
0 - 0.08 0.22 - 0.56				0.003F	0.02	28C				
0.56 - 0.6 0.9 - 0.98				0.005F	0.01	8C				
Depth	COLE									
m		Sat.	0.05 Bar	0.1 Bar g/	0.5 Bar g - m3/m3	1 Bar 3	5 Bar 15	Bar	mm/h	mm/h

0 - 0.08 0.22 - 0.56 0.56 - 0.6 0.9 - 0.98

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Laboratory Analyses Completed for this profile

15D1_CA Exchangeable bases (Ca2+,Mg2+,Na+,K+) - 1M ammonium acetate at pH 7.0, pretreatment for

soluble salts; manual leach

15D1_K Exchangeable bases and CEC - 1M ammonium acetate at pH 7.0, pretreatment for soluble salts;

manual leach

15D1_MG Exchangeable bases and CEC - 1M ammonium acetate at pH 7.0, pretreatment for soluble salts;

manual leach

15D1_NA Exchangeable bases and CEC - 1M ammonium acetate at pH 7.0, pretreatment for soluble salts;

manual leach

2_LOI Loss on Ignition (%) 2A1 3A_TSS Air-dry moisture content

Electrical conductivity or soluble salts - Total soluble salts %

4A1 pH of 1:5 soil/water suspension

5A2 Chloride - 1:5 soil/water extract, automated colour 7_C_B Total Nitrogen - method description not recorded

Total element - P(%) - Not recorded 9A_NR