

Project Name: Shire of Kowree, Vic
Project Code: SK **Site ID:** A23 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (VIC)

Site Information

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

Geology

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

Land Form

Rel/Slope Class:	Gently undulating plains <9m 1-3%	Pattern Type:	Plain
Morph. Type:	Flat	Relief:	6 metres
Elem. Type:	Plain	Slope Category:	Very gently sloped
Slope:	0 %	Aspect:	No Data

Surface Soil Condition (dry):

Erosion:

Soil Classification

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

Analytical data are incomplete but reasonable confidence.

Site Disturbance: 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

Observation ID: 1

[illegible]

Project Name: Shire of Kowree, Vic
Project Code: SK **Site ID:** A23 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (VIC)

Laboratory Analyses Completed for this profile

15D1_CA	Exchangeable bases (Ca ²⁺ ,Mg ²⁺ ,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	Air-dry moisture content
3A_TSS	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
9A_NR	Total element - P(%) - Not recorded