

Project Name: Shire of Kowree, Vic
Project Code: SK **Site ID:** A17 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (VIC)

Site Information

Desc. By:	G. Blackburn	Locality:	
Date Desc.:	23/11/53	Elevation:	150 metres
Map Ref.:	1:250000	Rainfall:	530
Northing/Long.:	141.043888888889	Runoff:	Slow
Easting/Lat.:	-36.682777777778	Drainage:	Imperfectly 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:	Undulating plains <9m 3-10%	Pattern Type:	Plain
Morph. Type:	Flat	Relief:	9 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
Hypocalcic Mesonatric Yellow Sodosol		Principal Profile Form:	Dy3.43
ASC Confidence:		Great Soil Group:	Solodized solonetz

Analytical data are incomplete but reasonable confidence.

Site Disturbance: No effective disturbance other than grazing by hoofed animals

Vegetation:

Tall Strata - Tree, 12.01-20m, - *Species includes - Casuarina leuhmannii

Surface Coarse Fragments:

Profile Morphology

0 - 0.05 m	Light grey (10YR7/2-Moist); ; Fine sand; Firm consistence;
0.05 - 0.1 m	Light grey (10YR7/1-Moist); ; Sand; Very firm consistence;
0.1 - 0.18 m	Brownish yellow (10YR6/6-Moist); ; Medium clay; , Columnar; Very firm consistence;
0.6 - 0.68 m	Brownish yellow (10YR6/6-Moist); ; Medium clay; Very few (0 - 2 %), Calcareous, , Soft segregations;

Morphological Notes

Observation Notes

LAYERS RENUMBERED 10/11/92

Site Notes

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

Observation ID: 1

Agency Name: CSIRO Division of Soils (VIC)

Laboratory Test Results:

Depth	pH	1:5 EC	Ca	Exchangeable Mg	Cations K	Exchangeable Na	CEC	ECEC	ESP
m		dS/m				Cmol (+)/kg			%
0 - 0.05	6.8A	0.018C							
0.05 - 0.1									
0.1 - 0.18	6.6A	0.08C	6.1F	11.1	0.8	4.6			
0.6 - 0.68	9.1A	0.461C							

[illegible][illegible]

Project Name: Shire of Kowree, Vic
Project Code: SK **Site ID:** A17 **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