

Project Name: Shire of Kowree, Vic
Project Code: SK Site ID: A8 Observation ID: 1
Agency Name: CSIRO Division of Soils (VIC)

Site Information

Desc. By:	G. Blackburn	Locality:	
Date Desc.:	25/11/53	Elevation:	150 metres
Map Ref.:		Rainfall:	530
Northing/Long.:	141.857777777778	Runoff:	Slow
Easting/Lat.:	-37.0983333333333	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:	Gently undulating plains <9m 1-3%	Pattern Type:	Plain
Morph. Type:	Flat	Relief:	No Data
Elem. Type:	Plain	Slope Category:	No Data
Slope:	0 %	Aspect:	No Data

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification:	Mapping Unit:	N/A
Calcic Mottled-Mesonatric Grey Sodosol	Principal Profile Form:	Dy3.43
ASC Confidence:	Great Soil Group:	Solodized solonetz

Analytical data are incomplete but reasonable confidence.

Site Disturbance: Complete clearing. Pasture, native or improved, but never cultivated

Vegetation: Low Strata - , , . *Species includes - None recorded

Surface Coarse Fragments:

Profile Morphology

0 - 0.08 m	Pale brown (10YR6/3-Moist); ; Sand (Heavy); Weak grade of structure, Columnar; Firm consistence; Many, fine (1-2mm) roots;
0.08 - 0.15 m	Pale brown (10YR6/3-Moist); ; Sand; Very firm consistence; CommonClear, Irregular change to -
0.15 - 0.3 m	Brown (10YR5/3-Moist); , 10R56; Sandy clay loam; Very weak consistence;
0.3 - 0.6 m	Pale olive (5Y6/3-Moist); , 10R56; Medium clay; Strong consistence;
0.6 - 0.85 m	Light yellowish brown (10YR6/4-Moist); ; Sandy medium clay; Weak consistence; Few (2 - 10 %), Calcareous, , Soft segregations; Diffuse change to -
0.85 - 1.15 m	Pale olive (5Y6/3-Moist); , 10YR54; Sandy medium clay; Weak consistence; Common (10 - 20 %), Calcareous, , Soft segregations;

Morphological Notes

Observation Notes

LAYER 5 - LIME MAINLY EXCLUDED FROM SAMPLE

Site Notes

LOWAN S & L.U. No 17. Map Site 8

Observation ID: 1

[illegible]

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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
7A2	Total nitrogen - semimicro Kjeldahl , automated colour
9A_NR	Total element - P(%) - Not recorded
P10_NR_C	Clay (%) - Not recorded
P10_NR_CS	Coarse sand (%) - Not recorded
P10_NR_FS	Fine sand (%) - Not recorded
P10_NR_Z	Silt (%) - Not recorded