

Project Name: Shire of Kowree, Vic
Project Code: SK **Site ID:** A27 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (VIC)

Site Information

Desc. By:	G. Blackburn	Locality:	
Date Desc.:	26/11/53	Elevation:	170 metres
Map Ref.:	1:250000	Rainfall:	530
Northing/Long.:	141.6875	Runoff:	Moderately rapid
Easting/Lat.:	-37.0875	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:	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
Eutrophic Mottled-Mesonatric Yellow Sodosol		Principal Profile Form:	Dy5.41
ASC Confidence:		Great Soil Group:	Solodic soil
Analytical data are incomplete but reasonable confidence.			

Site Disturbance:

Vegetation:

Tall Strata - Tree, 12.01-20m, Very sparse. *Species includes - None Recorded

Surface Coarse Fragments:

Profile Morphology

0 - 0.08 m	Greyish brown (10YR5/2-Moist); ; Coarse sand; Firm consistence;
0.3 - 0.35 m	Grey (10YR6/1-Moist); ; Sand; 20-50%, cobbly, 60-200mm, Quartz, coarse fragments; Abrupt change to -
0.35 - 0.4 m	Light yellowish brown (10YR6/4-Moist); , 10YR51; , 2.5YR56; Heavy clay; , Columnar; Very firm consistence;
1 - 1.05 m	; Medium clay; Firm consistence; 2-10%, coarse gravelly, 20-60mm, Quartz, coarse fragments;

Morphological Notes

Observation Notes

Site Notes

LOWAN S & L.U. No 17. Map Site 27

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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_GRAV	Gravel (%)
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