

**Project Name:** Shire of Kowree, Vic  
**Project Code:** SK **Site ID:** A28 **Observation ID:** 1  
**Agency Name:** CSIRO Division of Soils (VIC)

**Site Information**

<b>Desc. By:</b>	G. Blackburn	<b>Locality:</b>	
<b>Date Desc.:</b>	26/11/53	<b>Elevation:</b>	170 metres
<b>Map Ref.:</b>	1:250000	<b>Rainfall:</b>	550
<b>Northing/Long.:</b>	141.482777777778	<b>Runoff:</b>	Moderately rapid
<b>Easting/Lat.:</b>	-37.150277777778	<b>Drainage:</b>	Imperfectly drained

**Geology**

<b>ExposureType:</b>	No Data	<b>Conf. Sub. is Parent. Mat.:</b>	No Data
<b>Geol. Ref.:</b>	No Data	<b>Substrate Material:</b>	No Data

**Land Form**

<b>Rel/Slope Class:</b>	Rolling plains <9m 10-32%	<b>Pattern Type:</b>	Plain
<b>Morph. Type:</b>	Flat	<b>Relief:</b>	9 metres
<b>Elem. Type:</b>	Plain	<b>Slope Category:</b>	Very gently sloped
<b>Slope:</b>	0 %	<b>Aspect:</b>	No Data

**Surface Soil Condition (dry):**

**Erosion:**

**Soil Classification**

<b>Australian Soil Classification:</b>		<b>Mapping Unit:</b>	N/A
Calcic Mottled-Hypernatric Grey Sodosol		<b>Principal Profile Form:</b>	Dy5.81
<b>ASC Confidence:</b>		<b>Great Soil Group:</b>	Solodic soil
Analytical data are incomplete but reasonable confidence.			

**Site Disturbance:** No effective disturbance. Natural

**Vegetation:**

Tall Strata - Tree, 12.01-20m, - \*Species includes - None Recorded

**Surface Coarse Fragments:**

**Profile Morphology**

0 - 0.08 m	Grey (10YR5/1-Moist); ; Loamy sand; , Granular; Firm consistence;
0.45 - 0.5 m	Yellow (10YR8/6-Moist); ; Sand; Strong consistence; 0-2%, Gravel, coarse fragments; Abrupt change to -
0.58 - 0.63 m	Grey (10YR5/1-Moist); , 10YR64; , 2.5YR64; Heavy clay; 0-2%, Gravel, coarse fragments;
1.1 - 1.15 m	Yellowish brown (10YR5/4-Moist); , 10YR51; Medium clay; Very firm consistence; Common (10 - 20 %), Calcareous, , Soft segregations;

**Morphological Notes**

**Observation Notes**

**Site Notes**

LOWAN S & L.U. No 17. Map Site 28

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**Laboratory Analyses Completed for this profile**

15D1_CA	Exchangeable bases (Ca <sup>2+</sup> ,Mg <sup>2+</sup> ,Na <sup>+</sup> ,K <sup>+</sup> ) - 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