

**Project Name:** Manual of Austalian Soils  
**Project Code:** MAS **Site ID:** A539  
**Agency Name:** CSIRO Division of Soils (SA)

**Observation ID:** 1

**Site Information**

<b>Desc. By:</b>	C.G. Stephens	<b>Locality:</b>	
<b>Date Desc.:</b>	16/07/58	<b>Elevation:</b>	No Data
<b>Map Ref.:</b>	Sheet No. : SI54-5 1:250000	<b>Rainfall:</b>	400
<b>Northing/Long.:</b>	138.575277777778	<b>Runoff:</b>	Rapid
<b>Easting/Lat.:</b>	-33.211666666667	<b>Drainage:</b>	Moderately well 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>	No Data	<b>Pattern Type:</b>	Low hills
<b>Morph. Type:</b>	Flat	<b>Relief:</b>	No Data
<b>Elem. Type:</b>	Valley flat	<b>Slope Category:</b>	Gently inclined
<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
Sodic Hypercalcic Red Chromosol	<b>Principal Profile Form:</b>	N/A
<b>ASC Confidence:</b>	<b>Great Soil Group:</b>	Red-brown earth
No analytical data are available but confidence is fair.		

**Site Disturbance:** Complete clearing. Pasture, native or improved, cultivated at some stage

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

**Surface Coarse Fragments:**

**Profile Morphology**

A	0 - 0.03 m	Dark reddish brown (5YR3/3-Moist); ; Loam; , Granular; Very weak consistence; Moderately plastic;
A	0.03 - 0.08 m	Dark reddish brown (5YR3/3-Moist); ; Clay loam; , Granular; Very weak consistence; Moderately plastic; Abrupt change to -
B	0.08 - 0.23 m	Dark red (2.5YR3/5-Moist); ; Medium clay; , Angular blocky; Very weak consistence; Moderately plastic; Diffuse change to -
B	0.23 - 0.4 m	Yellowish red (5YR4/5-Moist); ; Medium clay; , Granular; Very weak consistence; Moderately plastic; , Calcareous, , Soft segregations; Diffuse change to -
B	0.4 - 0.6 m	Yellowish red (5YR4/6-Moist); ; Medium clay; , Granular; Very weak consistence; Moderately plastic; , Calcareous, , Soft segregations;

**Morphological Notes**

**Observation Notes**

**Site Notes**

CO. VICTORIA

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**Laboratory Analyses Completed for this profile**

17A_NR	Total element - K(%) - Not recorded
19B_NR	Calcium Carbonate (CaCO <sub>3</sub> ) - Not recorded
2_LOI	Loss on Ignition (%)
2A1	Air-dry moisture content
3A_TSS	Electrical conductivity or soluble salts - Total soluble salts %
4_NR	pH of soil - Not recorded
5_NR	Water soluble Chloride - Cl(%) - Not recorded
6Z	Organic carbon (%) - Not recorded
7_NR	Total nitrogen (%) - Not recorded
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