

**Project Name:** Central Aust. Exped. 1956  
**Project Code:** CAE **Site ID:** A389 **Observation ID:** 1  
**Agency Name:** CSIRO Division of Soils (SA)

**Site Information**

<b>Desc. By:</b>	E.A. Jackson	<b>Locality:</b>	
<b>Date Desc.:</b>	13/06/56	<b>Elevation:</b>	No Data
<b>Map Ref.:</b>		<b>Rainfall:</b>	0
<b>Northing/Long.:</b>	134.669166666667	<b>Runoff:</b>	Slow
<b>Easting/Lat.:</b>	-27.173333333333	<b>Drainage:</b>	Poorly 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>	Gently undulating plains <9m 1-3%	<b>Pattern Type:</b>	Plain
<b>Morph. Type:</b>	No Data	<b>Relief:</b>	30 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
N/A		<b>Principal Profile Form:</b>	N/A
<b>ASC Confidence:</b>		<b>Great Soil Group:</b>	N/A
Analytical data are incomplete but reasonable confidence.			

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

**Vegetation:**

Mid Strata - Shrub, , . \*Species includes - None recorded

Tall Strata - Shrub, , . \*Species includes - Acacia aneura

**Surface Coarse Fragments:** 10-20%, coarse gravelly, 20-60mm, ,

**Profile Morphology**

0 - 0.08 m	Red (10R4/8-Moist); , 2.5YR58; Sandy medium clay; Weak grade of structure, Platy; Very firm consistence; 10-20%, coarse gravelly, 20-60mm, coarse fragments; Diffuse change to -
0.08 - 0.11 m	; Medium clay; 5-10 mm, Columnar; Very weak consistence; 0-2%, fine gravelly, 2-6mm, Gravel, coarse fragments; Sharp, Irregular change to -
0.11 - 0.4 m	Red (10R4/8-Moist); , 2.5YR58; Strong grade of structure, Platy; Strong consistence; 0-2%, medium gravelly, 6-20mm, coarse fragments; Abrupt change to -
0.4 - 0.6 m	Light red (2.5YR6/8-Moist); ; Strong grade of structure, Platy; Strong consistence; 2-10%, fine gravelly, 2-6mm, Gravel, coarse fragments; Few (2 - 10 %), Calcareous, , Soft segregations;

**Morphological Notes**

**Observation Notes**

LAYER 4 - BL. INCLUSIONS & WHITE PATCHES

**Site Notes**

N.W. PASTORAL

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[illegible]

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**Laboratory Analyses Completed for this profile**

15_NR_CA	Exch. basic cations (Ca++) - meq per 100g of soil - Not recorded
15_NR_K	Exch. basic cations (K++) - meq per 100g of soil - Not recorded
15_NR_MG	Exch. basic cations (Mg++) - meq per 100g of soil - Not recorded
15_NR_NA	Exch. basic cations (Na++) - meq per 100g of soil - Not recorded
19B_NR	Calcium Carbonate (CaCO <sub>3</sub> ) - Not recorded
2_LOI	Loss on Ignition (%)
2A1	Air-dry moisture content
3_NR	Electrical conductivity or soluble salts - Not recorded
4_NR	pH of soil - Not recorded
5_NR	Water soluble Chloride - Cl(%) - 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