

**Project Name:** N.E. Recon., S.A.  
**Project Code:** NE1 **Site ID:** A476 **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>	26/11/56	<b>Elevation:</b>	No Data
<b>Map Ref.:</b>		<b>Rainfall:</b>	152
<b>Northing/Long.:</b>	139.404722222222	<b>Runoff:</b>	Very slow
<b>Easting/Lat.:</b>	-31.1958333333333	<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>	Level plain <9m <1%	<b>Pattern Type:</b>	Plain
<b>Morph. Type:</b>	Flat	<b>Relief:</b>	0 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
Hyperbasal Regolith Hypercalcic Calcarosol		<b>Principal Profile Form:</b>	N/A
<b>ASC Confidence:</b>		<b>Great Soil Group:</b>	N/A

All necessary analytical data are available.

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

**Vegetation:**

Tall Strata - Shrub, , . \*Species includes - None Recorded

**Surface Coarse Fragments:**

**Profile Morphology**

0 - 0.15 m	Light reddish brown (5YR6/4-Moist); ; Clay loam; , Platy; Firm consistence; Very few (0 - 2 %), Calcareous, , Soft segregations; Diffuse change to -
0.15 - 0.25 m	Reddish brown (5YR5/4-Moist); ; Medium clay; 5-10 mm, Columnar; Very weak consistence; Few (2 - 10 %), Calcareous, , Soft segregations; Few, fine (1-2mm) roots; Diffuse change to -
0.25 - 0.58 m	; Medium clay; 5-10 mm, Columnar; Very weak consistence; Common (10 - 20 %), Calcareous, , Soft segregations;
0.58 - 0.83 m	; Medium clay; Very weak consistence; Many (20 - 50 %), Calcareous, , Soft segregations; Few (2 - 10 %), Gypseous, , ;
0.83 - 1.16 m	; Medium clay; Weak consistence; Many (20 - 50 %), Calcareous, , Soft segregations; Common (10 - 20 %), Gypseous, , ;

**Morphological Notes**

**Observation Notes**

**Site Notes**

N.E. PASTORAL

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**Laboratory Test Results:**

Depth	pH	1:5 EC	Ca	Exchangeable Mg	Cations K	Na	Exchangeable Acidity	CEC	ECEC	ESP
m		dS/m				Cmol	(+)/kg			%
0 - 0.15	9.3H	0.051C								
0.15 - 0.25	9.8H	0.09C	1K	0.1	0.1	6				
0.25 - 0.59	9.2H	0.33C	9.8K	2		58				
0.58 - 0.83	8.1H	1.6C								
0.83 - 1.16	8H	5.8C								

Depth	CaCO3	Organic	Avail.	Total	Total	Total	Bulk	Particle		Size	Analysis	
m	%	C	P	P	N	K	Density	GV	CS	FS	Silt	Clay
	%	%	mg/kg	%	%	%	Mg/m3			%		
0 - 0.15	17C			0.035F	0.058B				11C	34	16	23
0.15 - 0.25	22C											
0.25 - 0.59	29C								8C	26	9	29
0.58 - 0.83	38C											
0.83 - 1.16	39C								5C	25	8	21

[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
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
7_NR	Total nitrogen (%) - Not recorded
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