

Project Name: Yudnapina Station, S.A.  
Project Code: YS1 Site ID: A214 Observation ID: 1  
Agency Name: CSIRO Division of Soils (SA)

**Site Information**

Desc. By:	E.A. Jackson	Locality:	
Date Desc.:	29/08/55	Elevation:	120 metres
Map Ref.:		Rainfall:	0
Northing/Long.:	137.444444444445	Runoff:	Rapid
Easting/Lat.:	-32.0161111111111	Drainage:	Well drained

**Geology**

ExposureType:	No Data	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	No Data	Substrate Material:	Quartzite

**Land Form**

Rel/Slope Class:	No Data	Pattern Type:	Plain
Morph. Type:	No Data	Relief:	2 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
Haplic Regolithic Hypercalic Calcarosol	Principal Profile Form:	N/A
ASC Confidence:	Great Soil Group:	N/A

Analytical data are incomplete but reasonable confidence.

**Site Disturbance:**

**Vegetation:**

Mid Strata - , , . \*Species includes - None recorded  
Tall Strata - , , . \*Species includes - None Recorded

**Surface Coarse Fragments:**

**Profile Morphology**

0 - 0.06 m	Red (2.5YR4/8-Moist); ; Loamy sand; Diffuse change to -
0.06 - 0.25 m	; Sandy loam; Common, fine (1-2mm) roots; Diffuse change to -
0.25 - 0.38 m	; Sandy clay loam; Few (2 - 10 %), Calcareous, Fine (0 - 2 mm), Soft segregations; Diffuse change to -
0.38 - 0.69 m	Yellowish red (5YR5/6-Moist); ; Sandy medium clay; Common (10 - 20 %), Calcareous, Fine (0 - 2 mm), Soft segregations; Clear change to -
0.69 - 1.07 m	; Clayey sand; 0-2%, coarse fragments; Common (10 - 20 %), Calcareous, , Soft segregations;
1.07 - 1.32 m	; Medium clay; Common (10 - 20 %), Calcareous, , Soft segregations;

**Morphological Notes**

**Observation Notes**

EVIDENCE OF WATER MOVEMENT ON SURFACE: SLIGHT MOUNDING AROUND BUSHES

**Site Notes**

N-W PASTORAL

**Observation ID: 1**

[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
17A_NR	Total element - K(%) - Not recorded
19B_NR	Calcium Carbonate (CaCO3) - 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_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