

**Project Name:** Yudnapina Station, S.A.  
**Project Code:** YS1                      **Site ID:** A207                      **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>	08/08/55	<b>Elevation:</b>	135 metres
<b>Map Ref.:</b>		<b>Rainfall:</b>	0
<b>Northing/Long.:</b>	137.099166666667	<b>Runoff:</b>	Moderately rapid
<b>Easting/Lat.:</b>	-32.109166666667	<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>	Sandstone

**Land Form**

<b>Rel/Slope Class:</b>	Rolling hills 90-300m 10-32%	<b>Pattern Type:</b>	Hills
<b>Morph. Type:</b>	Upper-slope	<b>Relief:</b>	120 metres
<b>Elem. Type:</b>	Hillslope	<b>Slope Category:</b>	Moderately 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
No Available Class Paralitric Leptic Rudosol		<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:**

**Vegetation:**

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

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

**Surface Coarse Fragments:** 2-10%, coarse gravelly, 20-60mm, , Quartzite

**Profile Morphology**

0 - 0.1 m	Dark red (10R3/6-Moist); ; Loamy sand; Clear change to -
0.1 - 0.2 m	Dark red (10R3/6-Moist); ; Loamy sand;

**Morphological Notes**

large amts of quartzite & weathered stone (also in layer 1)

**Observation Notes**

IRREGULAR SLOPE WITH ROCK OUTCROPS: WEAKLY CRUSTED ON SURFACE & IRREGULARLY DISTRIBUTED AREAS OF SURFACE WASH

**Site Notes**

N-W PASTORAL

**Observation ID: 1**

Agency Name: CSIRO Division of Soils (SA)

**Laboratory Test Results:**

Depth	pH	1:5 EC	Exchangeable Cations			Exchangeable	CEC	ECEC	ESP
m		dS/m	Ca	Mg	K	Na	Acidity		%
						Cmol (+)/kg			

0 - 0.1	7.5H	0.028C	4.7K	1.2	1.1	0.31
0.1 - 0.2	7.9H	0.049C				

Depth m	CaCO3 %	Organic C %	Avail. P mg/kg	Total P %	Total N %	Total K %	Bulk Density Mg/m3	Particle		Size FS %	Analysis	
								GV	CS		Silt	Clay
0 - 0.1	0.03C			0.017F	0.042B	1.1B		9	56C	23	6	14
0.1 - 0.2	0.06C							25	59C	20	5	16

[illegible]

0 - 0.1  
0.1 - 0.2

**Project Name:** Yudnapina Station, S.A.  
**Project Code:** YS1                      **Site ID:** A207                      **Observation ID:** 1  
**Agency Name:** CSIRO Division of Soils (SA)

**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