Project Name: Yudnapina Station, S.A.

Project Code: Site ID: Observation ID: 1 YS1 A134

CSIRO Division of Soils (SA) Agency Name:

Site Information

Desc. By: E.A. Jackson Locality: **VEGETATION FOUND IN DEPRESSIONS**

Date Desc.: Elevation: 10/09/54 No Data Map Ref.: Rainfall: Northing/Long.: 137.448611111111 Runoff: Very slow -32.0316666666667 Easting/Lat.: Drainage: Poorly drained

Geology

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

Land Form

Rel/Slope Class: No Data Pattern Type: No Data Morph. Type: No Data Relief: No Data Elem. Type: No Data Slope Category: No Data Aspect: No Data Slope: 0 %

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification: Mapping Unit: N/A Epicalcareous-Epihypersodic Crusty Red Vertosol **Principal Profile Form:** N/A **ASC Confidence: Great Soil Group:** N/A

No analytical data are available but confidence is fair.

Site Disturbance:

Vegetation:

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

Surface Coarse Fragments: 2-10%, , ,

Profile Morphology

0 - 0.03 m Yellowish red (5YR5/8-Moist); ; Fine sandy loam; Very firm consistence; Clear change to -0.03 - 0.33 m Red (2.5YR5/6-Moist); ; Medium clay; Firm consistence; Very few (0 - 2 %), Calcareous, Fine (0 -2 mm), Soft segregations; Diffuse change to -0.33 - 0.61 m Red (2.5YR4/8-Moist); ; Medium clay; Firm consistence; Very few (0 - 2 %), Calcareous, Fine (0 -2 mm), Soft segregations; Clear change to -0.61 - 0.84 m Red (2.5YR5/8-Moist); ; Medium clay; Firm consistence; Very few (0 - 2 %), Calcareous, Fine (0 -

2 mm), Soft segregations; Common (10 - 20 %), Gypseous, Medium (2 -6 mm), ;

0.97 - 1.17 m ; Medium clay; Very strong consistence; Very few (0 - 2 %), Calcareous, Fine (0 - 2 mm), Soft

segregations; Few (2 - 10 %), Gypseous, , ;

Morphological Notes

Observation Notes

DEPRESSION PROFILE IN WEAKLY GILGAID AREA MARKEDLY MOISTER THAN PROFILE 133 WHICH IS 9 METRES AWAY BUT ON A SHELF

Site Notes

YUDNAPINNA STN

Project Name: Project Code: Agency Name: Yudnapina Station, S.A.

YS1 Site ID: A' CSIRO Division of Soils (SA) A134 Observation ID: 1

Laboratory Test Results:

Depth

COLE

Depth	pН	1:5 EC Ca	Exchangeable Mg	Cations K	Na	Exchangeable Acidity	CEC	ECEC	ESP
m		dS/m	9		Cmol (•			%
0 - 0.03 0.03 - 0.33 0.33 - 0.61 0.61 - 0.84 0.97 - 1.17	8.7H 9.4H 8.5H	0.045C 0.16C 1.4C							

Depth	CaCO3	Organic	Avail.	Total	Total	Total	Bulk	Pa	rticle	Size	Analysis	5
m	%	C %	P mg/kg	P %	N %	K %	Density Mg/m3	GV	CS	FS %	Silt	Clay
0 - 0.03 0.03 - 0.33	0.04C 6.4C			0.019F 0.02F	0.064B 0.042B			12	28C 21C	39 27	-	13 39
0.33 - 0.61	8.4C			0.021	0.0128	0.012					Ü	00
0.61 - 0.84	6.5C			0.022F		0.46B			16C	21		
0.97 - 1.17	5.1C											

m	Sat.	0.05 Bar	0.5 Bar /g - m3/m3	1 Bar 3	5 Bar	15 Bar	mm/h	mm/h
0 - 0.03								
0.03 - 0.33						0.18B		
0.33 - 0.61								
0.61 - 0.84						0.2B		
0.97 - 1.17								

Gravimetric/Volumetric Water Contents

K sat

K unsat

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Project Code: YS1 Site ID: A134 Observation ID: 1

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Laboratory Analyses Completed for this profile

10A_NR Total element - S(%) - Not recorded Total element - K(%) - Not recorded Calcium Carbonate (CaCO3) - Not recorded 17A_NR 19B_NR

2_LŌI Loss on Ignition (%) 2A1 3A_TSS Air-dry moisture content

Electrical conductivity or soluble salts - Total soluble salts %

pH of soil - Not recorded 4_NR

5_NR Water soluble Chloride - Cl(%) - Not recordede

Total nitrogen (%) - Not recorded
Total element - P(%) - Not recorded 7_NR 9A_NR

P10_GRAV

Gravel (%)
Clay (%) - Not recorded P10_NR_C P10_NR_CS Coarse sand (%) - Not recorded Fine sand (%) - Not recorded P10_NR_FS P10_NR_Z

Silt (%) - Not recorded 15 BAR Moisture g/g - Gravimetric using pressure plate P3B_GV_15