

Project Name: Yudnapina Station, S.A.
Project Code: YS1 **Site ID:** A204
Agency Name: CSIRO Division of Soils (SA)

Observation ID: 1

Site Information

Desc. By:	E.A. Jackson	Locality:	NATURAL GRAZING: SITE BURNT BY BUSHFIRE 30 YRS AGO: MYOPORUM ONLY TREE& IN VERY SMALL NUMBERS AT SITE
Date Desc.:	07/06/55	Elevation:	180 metres
Map Ref.:		Rainfall:	180
Northing/Long.:	136.913055555556	Runoff:	Slow
Easting/Lat.:	-32.3219444444445	Drainage:	Moderately well drained

Geology

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

Land Form

Rel/Slope Class:	Gently undulating plains <9m 1-3%	Pattern Type:	Plain
Morph. Type:	Flat	Relief:	No Data
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 Endic Supracalcic 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 - Tree, 3.01-6m, Isolated plants. *Species includes - None Recorded

Surface Coarse Fragments:

Profile Morphology

0 - 0.01 m	Reddish yellow (5YR6/6-Moist); ; Sandy loam; Abrupt change to -
0.01 - 0.14 m	Yellowish red (5YR4/8-Moist); ; Sandy loam; Few, medium (2-5mm) roots; Clear change to -
0.14 - 0.3 m	Yellowish red (5YR5/6-Moist); ; Sandy clay loam; Common, fine (1-2mm) roots; Abrupt change to -
0.3 - 0.53 m	Yellowish red (5YR5/6-Moist); ; Sandy loam; Common (10 - 20 %), Calcareous, Fine (0 - 2 mm), Soft segregations; Abrupt change to -
0.53 - 0.79 m	Reddish yellow (5YR6/6-Moist); ; Sandy medium clay; Many (20 - 50 %), Calcareous, , Nodules; Diffuse change to -
0.79 - 1.07 m	Yellowish red (5YR5/6-Moist); ; Sandy loam; Common (10 - 20 %), Calcareous, Fine (0 - 2 mm), Soft segregations;
1.07 - 1.4 m	Yellowish red (5YR5/6-Moist); ; Sandy medium clay; Few (2 - 10 %), Calcareous, Fine (0 - 2 mm), Soft segregations; Clear change to -
1.4 - 1.65 m	; Sandy medium clay; Few (2 - 10 %), Calcareous, Fine (0 - 2 mm), Soft segregations;
1.65 - 1.96 m	; Sandy medium clay; Few (2 - 10 %), Calcareous, Fine (0 - 2 mm), Soft segregations;
1.96 - 2.13 m	; Sandy medium clay; Few (2 - 10 %), Calcareous, Fine (0 - 2 mm), Soft segregations;

Morphological Notes

with occ. dark brown more compacted loamy sand aggregates

Observation Notes

IN LOW MOUNDS AT THE BASE OF BUSHES & SHRUBS
SURFACE
SLIGHTLY IRREGULAR IN PART COVERED BY AN ALGAL CRUST IRREGULARLY overlain BY A THIN LAYER OF
LOOSE SAND PILED U

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N-W PASTORAL

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[illegible]

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Laboratory Analyses Completed for this profile

17A_NR	Total element - K(%) - Not recorded
19B_NR	Calcium Carbonate (CaCO ₃) - 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