

Project Name: AS1
Project Code: AS1 **Site ID:** NT1 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (NT)

Site Information

Desc. By:	E.A. Jackson	Locality:	
Date Desc.:	14/06/57	Elevation:	396 metres
Map Ref.:		Rainfall:	0
Northing/Long.:	134.635	Runoff:	Moderately rapid
Easting/Lat.:	-23.98	Drainage:	No Data

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:	No Data
Morph. Type:	No Data	Relief:	No Data
Elem. Type:	No Data	Slope Category:	No Data
Slope:	0 %	Aspect:	No Data

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification:	Mapping Unit:	N/A
Calcic Subnatric Red Sodosol	Principal Profile Form:	N/A
ASC Confidence:	Great Soil Group:	Solodic soil

All necessary analytical data are available.

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

Vegetation:

Tall Strata - Shrub, , . *Species includes - Acacia georginae

Surface Coarse Fragments:

Profile Morphology

0 - 0.13 m	Red (2.5YR4/6-Moist); ; Loamy sand; , Platy; Loose consistence; Sharp change to -
0.13 - 0.25 m	Dark red (10R3/6-Moist); ; Medium clay; Weak grade of structure, 5-10 mm, Prismatic; Strong grade of structure, 5-10 mm, Angular blocky; Very firm consistence; Few, fine (1-2mm) roots; Diffuse change to -
0.25 - 0.43 m	Dark red (10R3/6-Moist); ; Medium clay; Moderate grade of structure, 5-10 mm, Angular blocky; Firm consistence; Common (10 - 20 %), Calcareous, Fine (0 - 2 mm), Concretions;
0.43 - 0.78 m	Weak red (10R4/4-Moist); ; Medium clay; Weak grade of structure, 5-10 mm, Angular blocky; Weak consistence; Common (10 - 20 %), Calcareous, Fine (0 - 2 mm), Concretions; Diffuse change to -
0.78 - 0.91 m	Red (10R4/6-Moist); ; Medium clay; Weak grade of structure, Angular blocky; Very weak consistence; Few (2 - 10 %), Calcareous, Fine (0 - 2 mm), Concretions;
1.12 - 1.27 m	;

Morphological Notes

SHATTERED FINE GRAINED ROCK:

Observation Notes

Site Notes

ALICE SPRINGS

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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 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
6Z	Organic carbon (%) - 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