

Project Name: AS1
Project Code: AS1 **Site ID:** NT12 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (NT)

Site Information

Desc. By:	E.A. Jackson	Locality:	
Date Desc.:	19/04/58	Elevation:	396 metres
Map Ref.:		Rainfall:	0
Northing/Long.:	134.911944444444	Runoff:	Moderately rapid
Easting/Lat.:	-23.9261111111111	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:	22 metres
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
Haplic Hypercalcic Red Chromosol		Principal Profile Form:	N/A
ASC Confidence:		Great Soil Group:	Solodic soil
Analytical data are incomplete but reasonable confidence.			

Site Disturbance:

Vegetation:

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

Surface Coarse Fragments:

Profile Morphology

0 - 0.08 m	Reddish brown (5YR5/4-Moist); ; Loam; ; Platy; Weak consistence; 0-2%, stony, 200-600mm, Gravel, coarse fragments; Diffuse change to -
0.08 - 0.18 m	Red (2.5YR5/6-Moist); ; Loam; Weak grade of structure, Angular blocky; Firm consistence; 2-10%, stony, 200-600mm, Slate, coarse fragments; Diffuse change to -
0.18 - 0.33 m	Red (2.5YR5/6-Moist); ; Medium clay; Weak grade of structure, 20-50 mm, Angular blocky; Firm consistence; 2-10%, stony, 200-600mm, Gravel, coarse fragments; Very few (0 - 2 %), Calcareous, , Concretions; Clear change to -
0.33 - 0.42 m	Red (2.5YR5/6-Moist); ; Medium clay; Massive grade of structure; Very firm consistence; 2-10%, stony, 200-600mm, Gravel, coarse fragments; Few (2 - 10 %), Calcareous, Medium (2 -6 mm), Concretions; Diffuse change to -
0.42 - 0.66 m	Yellowish red (5YR5/6-Moist); ; Medium clay; Very firm consistence; 2-10%, stony, 200-600mm, Gravel, coarse fragments; Very many (50 - 100 %), Calcareous, , Concretions; Diffuse change to -
0.66 - 0.84 m	; Medium clay; Very firm consistence; 20-50%, stony, 200-600mm, Gravel, coarse fragments; Very many (50 - 100 %), Calcareous, , Soft segregations;

Morphological Notes

Observation Notes

Site Notes

ALICE SPRINGS

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Laboratory Test Results:

Depth	pH	1:5 EC	Ca	Exchangeable Mg	Cations K	Na	Exchangeable Acidity	CEC	ECEC	ESP
m		dS/m				Cmol	(+)/kg			%
0 - 0.08	8.3H	0.018C	6K	2.4	1	0.03				
0.08 - 0.18	8.6H	0.013C								
0.18 - 0.33	8.6H	0.016C	8.9K	2.5	1.1	0.1				
0.33 - 0.42	8.8H	0.03C								
0.42 - 0.66	8.9H	0.032C								
0.66 - 0.84	9.1H	0.038C								

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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
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