

Project Name: AS1
Project Code: AS1 **Site ID:** NT15 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (NT)

Site Information

Desc. By:	E.A. Jackson	Locality:	
Date Desc.:	22/05/58	Elevation:	457 metres
Map Ref.:		Rainfall:	0
Northing/Long.:	134.298611111111	Runoff:	Moderately rapid
Easting/Lat.:	-23.8094444444445	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:	Level plain <9m <1%	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
Calcareous Regolithic Orthic Tenosol		Principal Profile Form:	N/A
ASC Confidence:		Great Soil Group:	Calcareous sand
Analytical data are incomplete but reasonable confidence.			

Site Disturbance:

Vegetation:

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

Surface Coarse Fragments:

Profile Morphology

0 - 0.08 m	Dark red (2.5YR3/6-Moist); ; Clayey sand; Very weak consistence;
0.08 - 0.3 m	Reddish brown (2.5YR5/4-Dry); ; Clayey sand; Massive grade of structure; Weak consistence; Clear change to -
0.3 - 0.41 m	; Clayey sand; Massive grade of structure; Very weak consistence; Few (2 - 10 %), Calcareous, , Soft segregations; Clear change to -
0.41 - 0.69 m	; Sandy loam; Weak grade of structure, Angular blocky; Firm consistence; Common (10 - 20 %), Calcareous, Medium (2 -6 mm), Concretions; Clear change to -
0.69 - 0.94 m	; Clayey sand; Weak grade of structure, Angular blocky; Very firm consistence; Few (2 - 10 %), Calcareous, Medium (2 -6 mm), Nodules;
0.94 - 1.22 m	; Clayey sand; Strong consistence; Common (10 - 20 %), Calcareous, Fine (0 - 2 mm), Concretions;
1.22 - 1.52 m	; Clayey sand; Very weak consistence; 0-2%, stony, 200-600mm, Gravel, coarse fragments; Few (2 - 10 %), Calcareous, Fine (0 - 2 mm), Concretions;
1.52 - 1.7 m	; Clayey sand; Very weak consistence; Few (2 - 10 %), Calcareous, Fine (0 - 2 mm), Concretions;

Morphological Notes

Observation Notes

Site Notes

ALICE SPRINGS

Observation ID: 1

Depth	COLE	Gravimetric/Volumetric Water Contents							K sat	K unsat
		Sat.	0.05 Bar	0.1 Bar	0.5 Bar	1 Bar	5 Bar	15 Bar		
m		g/g - m3/m3							mm/h	mm/h
0 - 0.08										
0.08 - 0.3										
0.3 - 0.41										
0.41 - 0.69										
0.69 - 0.94										
0.94 - 1.22										
1.22 - 1.52										
1.52 - 1.7										

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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
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