

Project Name: AS1
Project Code: AS1 **Site ID:** NT60 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (NT)

Site Information

Desc. By:	E.A. Jackson	Locality:	
Date Desc.:	23/09/59	Elevation:	732 metres
Map Ref.:		Rainfall:	0
Northing/Long.:	133.205555555556	Runoff:	Moderately rapid
Easting/Lat.:	-23.1061111111111	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:	Undulating plains <9m 3-10%	Pattern Type:	Plain
Morph. Type:	Flat	Relief:	3 metres
Elem. Type:	Plain	Slope Category:	No Data
Slope:	0 %	Aspect:	No Data

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Basic Regolith Orthic Tenosol		Principal Profile Form:	N/A
ASC Confidence:		Great Soil Group:	Siliceous sand
Analytical data are incomplete but reasonable confidence.			

Site Disturbance:

Vegetation: Low Strata - , , . *Species includes - Triodia pungens
Mid Strata - Shrub, , . *Species includes - None recorded
Tall Strata - Shrub, , . *Species includes - Acacia aneura

Surface Coarse Fragments:

Profile Morphology

0 - 0.08 m	Reddish brown (2.5YR5/4-Moist); ; Sand; Weak grade of structure, Platy; Very weak consistence;
0.08 - 0.15 m	Red (2.5YR4/6-Moist); ; Clayey sand; Single grain grade of structure; Weak consistence; Sharp change to -
0.15 - 0.45 m	Red (10R4/6-Moist); ; Clayey sand; Weak grade of structure, 10-20 mm, Polyhedral; Very weak consistence; Common
0.45 - 0.89 m	Red (10R4/6-Moist); ; Clayey sand; Massive grade of structure; Very weak consistence; Few
0.89 - 1.19 m	Red (10R4/6-Moist); ; Clayey sand; Massive grade of structure; Very weak consistence; Field pH 6 (pH meter);
1.19 - 1.7 m	Red (10R4/6-Moist); ; Clayey sand; Massive grade of structure; Weak consistence;
1.7 - 2 m	Red (10R4/6-Moist); ; Clayey sand; Weak grade of structure, Platy; Firm consistence; Diffuse change to -
2 - 2.26 m	Red (10R4/6-Moist); ; Clayey sand; Massive grade of structure; Firm consistence;
2.26 - 2.46 m	Red (10R4/6-Moist); ; Clayey sand; Massive grade of structure; Very firm consistence;

Morphological Notes

Observation Notes

Site Notes

ALICE SPRINGS

Observation ID: 1

Laboratory Test Results:

Depth	pH	1:5 EC	Ca	Exchangeable	Cations	Exchangeable	CEC	ECEC	ESP
m		dS/m		Mg	K	Na Cmol (+)/kg	Acidity		%
0 - 0.08	6.5H	0.007C							
0.08 - 0.15	6.2H	0.005C							
0.15 - 0.45	6.3H	0.004C							
0.45 - 0.89	6.2H	0.005C							
0.89 - 1.19	6H	0.005C							
1.19 - 1.7	6.1H	0.009C							
1.7 - 2	6.2H	0.006C							
2 - 2.26	6.5H	0.006C							
2.26 - 2.46	6.5H	0.008C							

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Laboratory Analyses Completed for this profile

17A_NR	Total element - K(%) - 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_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