

Project Name: AS1
Project Code: AS1 **Site ID:** NT53 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (NT)

Site Information

Desc. By:	E.A. Jackson	Locality:	
Date Desc.:	16/07/59	Elevation:	671 metres
Map Ref.:		Rainfall:	0
Northing/Long.:	133.234166666667	Runoff:	Slow
Easting/Lat.:	-23.8661111111111	Drainage:	Imperfectly 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:	No Data	Pattern Type:	Plateau
Morph. Type:	Flat	Relief:	8 metres
Elem. Type:	Summit surface	Slope Category:	No Data
Slope:	0 %	Aspect:	No Data

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Haplic Eutrophic Red Kandosol		Principal Profile Form:	N/A
ASC Confidence:		Great Soil Group:	Red earth

No analytical data are available but confidence is fair.

Site Disturbance:

Vegetation:

Mid Strata - Shrub, , . *Species includes - None recorded

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

Surface Coarse Fragments:

Profile Morphology

0 - 0.03 m	Red (2.5YR5/6-Moist); ; Clay loam; Weak grade of structure, Platy; Weak consistence; 10-20%, stony, 200-600mm, rounded, coarse fragments; Field pH 5.5 (pH meter); Clear change to -
0.03 - 0.13 m	Red (2.5YR4/8-Moist); ; Medium clay; Massive grade of structure; Weak consistence; 0-2%, stony, 200-600mm, rounded, Gravel, coarse fragments; Field pH 6 (pH meter); Clear change to -
0.13 - 0.28 m	Red (10R4/6-Moist); ; Medium clay; Weak grade of structure, Polyhedral; Weak consistence; 0-2%, stony, 200-600mm, rounded, Gravel, coarse fragments; Field pH 6 (pH meter); Clear change to -
0.28 - 0.35 m	Red (10R4/6-Moist); ; Medium clay; Single grain grade of structure; Firm consistence; 50-90%, stony, 200-600mm, rounded, Gravel, coarse fragments;

Morphological Notes

Observation Notes

STONE LARGELY DISCARDED FROM SAMPLE

Site Notes

ALICE SPRINGS

Observation ID: 1

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 - 0.03	6.5H	0.01C	3.2K	1.2	0.69	0.03				
0.03 - 0.13	5.8H	0.006C								
0.13 - 0.28	5.8H	0.01C								
0.28 - 0.35	6H	0.013C								

Depth	CaCO3	Organic	Avail.	Total	Total	Total	Bulk	Particle		Size	Analysis	
m	%	C	P	P	N	K	Density	GV	CS	FS	Silt	Clay
		%	mg/kg	%	%	%	Mg/m3			%		
0 - 0.03		0.37E		0.027F	0.059B	0.3B		1	22C	47	12	18
0.03 - 0.13		0.37E			0.038B			1	21C	42	11	25
0.13 - 0.28												
0.28 - 0.35								17	21C	40	8	31

[illegible]

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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
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