

Project Name: CAE
Project Code: CAE **Site ID:** A392 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (NT)

Site Information

Desc. By:	E.A. Jackson	Locality:	
Date Desc.:	25/07/56	Elevation:	576 metres
Map Ref.:		Rainfall:	280
Northing/Long.:	132.95	Runoff:	Moderately rapid
Easting/Lat.:	-23.1	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:	Level plain <9m <1%	Pattern Type:	Plain
Morph. Type:	Flat	Relief:	0 metres
Elem. Type:	Plain	Slope Category:	Very gently sloped
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:	N/A

All necessary analytical data are available.

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

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

Surface Coarse Fragments: 2-10%, fine gravelly, 2-6mm, , Other

Profile Morphology

A	0 - 0.04 m	Red (2.5YR4/7-Moist); ; Sandy loam; Weak grade of structure, Platy; Firm consistence; 2-10%, fine gravelly, 2-6mm, Other, coarse fragments;
B	0.04 - 0.23 m	Dark red (2.5YR3/6-Moist); ; Sandy clay loam; Massive grade of structure; Very weak consistence; , fine (1-2mm) roots;
B	0.23 - 0.46 m	Dark red (2.5YR3/6-Moist); ; Sandy medium clay; Massive grade of structure; Very weak consistence;
B	0.46 - 0.8 m	Dark red (2.5YR3/6-Moist); ; Sandy medium clay; Massive grade of structure; Firm consistence; Few, coarse (>5mm) roots;
	0.8 - 1.08 m	Dark red (10R3/6-Moist); ; Sandy medium clay; Massive grade of structure; Very weak consistence; Moderately plastic;
	1.08 - 1.41 m	Dark red (10R3/6-Moist); ; Sandy medium clay; Massive grade of structure; Very weak consistence; Moderately plastic;
	1.41 - 1.56 m	; Sandy medium clay; Massive grade of structure; Very weak consistence; Moderately plastic; Diffuse change to -
	1.56 - 1.94 m	; Sandy medium clay; Massive grade of structure; Very weak consistence; Moderately plastic; Diffuse change to -
	1.94 - 2.22 m	; Sandy medium clay; Massive grade of structure; Very weak consistence; Moderately plastic;
	2.22 - 2.42 m	Red (2.5YR4/8-Moist); ; Sandy medium clay; Massive grade of structure; Very weak consistence; Moderately plastic; 0-2%, Gravel, coarse fragments;

Morphological Notes

Observation Notes

Site Notes

ALICE SPRINGS

Observation ID: 1

[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
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
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