AS₁ **Project Name:**

Project Code: NT45 Observation ID: 1 AS₁ Site ID:

CSIRO Division of Soils (NT) Agency Name:

133.71027777778

Site Information

E.A. Jackson Locality:

Desc. By: Date Desc.: Elevation: 10/10/58 732 metres Map Ref.: Rainfall: 0 Northing/Long.:

Easting/Lat.: Imperfectly drained -23.14 Drainage:

Runoff:

Slow

Geology

ExposureType: No Data Conf. Sub. is Parent. Mat.: No Data **Substrate Material:** Geol. Ref.: No Data No Data

Land Form

Rel/Slope Class: Level plain <9m <1% Pattern Type: Pediment Morph. Type: Flat Relief: 0 metres Elem. Type: Pediment Slope Category: No Data 0 % No Data Aspect: Slope:

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

All necessary analytical data are available.

Site Disturbance:

Vegetation:

Mid Strata - Shrub, , . *Species includes - None recorded Tall Strata - Shrub, , . *Species includes - Acacia aneura

Surface Coarse Fragments:

Profile Morphology

0 - 0.01 m Red (2.5YR4/6-Moist); ; Sandy loam; Weak consistence; 2-10%, Gravel, coarse fragments;

Diffuse change to -

0.01 - 0.1 m Red (2.5YR4/6-Moist); ; Sandy clay loam; Massive grade of structure; Weak consistence; 2-10%,

Gravel, coarse fragments; Diffuse change to -

0.1 - 0.3 m Red (2.5YR4/6-Moist); ; Sandy clay loam; Massive grade of structure; Weak consistence; 2-10%,

Gravel, coarse fragments; Diffuse change to -

0.3 - 0.4 m Red (10R4/6-Moist); ; Sandy light clay; Massive grade of structure; Weak consistence; 10-20%,

Gravel, coarse fragments; Diffuse change to -

Red (10R4/8-Moist);; Sandy light clay; Massive grade of structure; Weak consistence; 20-50%, 0.4 - 0.59 m

Gravel, coarse fragments;

0.59 - 0.76 m Red (10R4/8-Moist); ; Sandy medium clay; 10-20%, Gravel, coarse fragments;

0.76 - 1.01 m ; Sandy medium clay; 0-2%, Gravel, coarse fragments;

Morphological Notes

10R4/8 WITH WHITISH WEATHERED STONE

Observation Notes

Site Notes

ALICE SPRINGS

AS1

Project Name: Project Code: Agency Name: AS1 Site ID: NT45 CSIRO Division of Soils (NT) Observation ID: 1

Laboratory Test Results:

Laboratory rest Results.												
Depth	pН	1:5 EC		hangeable			xchangeable	CEC	E	CEC	ı	ESP
m		dS/m	a I	Mg	K	Na Cmol (+)	Acidity /kg					%
0 - 0.01 0.01 - 0.1 0.1 - 0.3 0.3 - 0.4	5.8H 5.6H 5.8H 6.3H	0.005C 0.005C 0.006C 0.006C	1.5K	0.6	0.41	0.04						
0.4 - 0.59 0.59 - 0.76 0.76 - 1.01	6.4H 6.6H 6.9H	0.009C 0.013C 0.017C	5.1K	1.3	0.57	0.1						
Depth	CaCO3	Organic C	Avail. P	Total P	Total N	Total K	Bulk Density	Pa GV	rticle S	FS	Analysis Silt	
m	%	%	mg/kg	%	%	%	Mg/m3			%		
0 - 0.01 0.01 - 0.1 0.1 - 0.3		0.25E		0.02F	0.03 0.02	-	3	5 5	31C 47C	42 29	7 6	19 17
0.3 - 0.4								18	45C	28	5	21
0.4 - 0.59 0.59 - 0.76 0.76 - 1.01								10	39C	23	7	30
Depth	COLE		Grav	imetric/Vo	lumetric V	Vater Cont	ents		K sat	t	K unsa	t
m		Sat.	0.05 Bar		0.5 Bar g - m3/m	1 Bar 3	5 Bar 15 I	3ar	mm/ł	1	mm/h	
0 - 0.01 0.01 - 0.1												

0.01 - 0.1 0.1 - 0.3 0.3 - 0.4 0.4 - 0.59 0.59 - 0.76 0.76 - 1.01

Project Name: AS1

Project Code: AS1 Site ID: NT45 Observation ID: 1

Agency Name: CSIRO Division of Soils (NT)

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 recordede

6Z Organic carbon (%) - Not recorded
7_NR Total nitrogen (%) - Not recorded
9A_NR Total element - P(%) - Not recorded

P10_GRAV Gravel (%)

P10_NR_C
P10_NR_CS
Clay (%) - Not recorded
Coarse sand (%) - Not recorded
P10_NR_FS
P10_NR_Z
Fine sand (%) - Not recorded
Silt (%) - Not recorded