CAR **Project Name:**

Project Code: CAR **NT93** Observation ID: 1 Site ID:

CSIRO Division of Soils (NT) Agency Name:

Site Information

Malcolm J. Wright Locality:

Desc. By: Date Desc.: Elevation: No Data 21/02/61 Map Ref.: Rainfall: Northing/Long.: 132.632777777778 Runoff: Slow

Easting/Lat.: -21.252222222222 Drainage: Moderately well drained

Geology

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

Land Form

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

Surface Soil Condition (dry):

Erosion:

Soil Classification

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

No analytical data are available but confidence is fair.

Site Disturbance:

Vegetation: Low Strata - Tussock grass, , . *Species includes - None recorded

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

Surface Coarse Fragments:

Profile Morphology

0 - 0.05 m ; Coarse sand; Single grain grade of structure; Weak consistence; Very plastic; 20-50%, coarse

gravelly, 20-60mm, Quartz, coarse fragments;

0.05 - 0.15 m Red (2.5YR4/6-Moist); ; Coarse sand; Weak consistence; Moderately plastic; Few

Red (2.5YR4/8-Moist); , 10R48; Coarse sand; Single grain grade of structure; Very firm 0.15 - 0.38 m

consistence;

0.38 - 0.76 m ; Sandy loam; Single grain grade of structure; Strong consistence; Slightly plastic;

0.76 - 1.21 m ; Clay loam, coarse sandy; Single grain grade of structure; 0-2%, fine gravelly, 2-6mm, coarse

fragments;

1.21 - 1.45 m ; Coarse sandy medium clay; Single grain grade of structure; 0-2%, fine gravelly, 2-6mm, coarse

fragments:

1.52 - 1.83 m ; Coarse sandy medium clay; Single grain grade of structure;

Morphological Notes

Observation Notes

Site Notes

ALICE SPRINGS

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<u>Laboratory Test Results:</u> Depth pH 1:5 EC

Laboratory rest Results.												
Depth	pН	1:5 EC		nangeable			xchangeable	CEC	E	CEC	E	SP
m		dS/m	a n	Mg K Na Acidity Cmol (+)/kg							9,	6
0 - 0.05	6.1H	0.004C										
0.05 - 0.15	5.8H	0.006C										
0.15 - 0.38	6H	0.008C										
0.38 - 0.76	6.2H	0.009C										
0.76 - 1.21	6.4H	0.011C										
1.21 - 1.45	6.6H	0.016C										
1.52 - 1.83	7.1H	0.017C										
Depth	CaCO3	Organic C	Avail. P	Total P	Total N	Total K	Bulk Density	Pa GV	rticle S	ize A	nalysis Silt (Clav
m	%	%	mg/kg	%	%	%	Mg/m3	٠,		%	Ont v	Jiay
0 - 0.05 0.05 - 0.15 0.15 - 0.38					0.01	3B			55C	35	2	7
0.15 - 0.38 0.38 - 0.76 0.76 - 1.21 1.21 - 1.45					0.01	2B		7	48C	36	1	13
1.52 - 1.83								36	46C	33	4	15
Depth	COLE		Gravi	metric/Vo	lumetric W	ater Conte	ents		K sat	ŀ	K unsat	
•		Sat. 0.05 Bar 0.1 Bar 0.5 Bar 1 Bar					5 Bar 15 Bar					
m				g/g	g - m3/m3	3			mm/h		mm/h	
0 - 0.05 0.05 - 0.15												

0.05 - 0.15 0.15 - 0.38 0.38 - 0.76

0.76 - 1.21 1.21 - 1.45 1.52 - 1.83

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Laboratory Analyses Completed for this profile

Loss on Ignition (%) Air-dry moisture content 2_LOI 2A1 3A_TSS 4_NR 5_NR

Electrical conductivity or soluble salts - Total soluble salts %

pH of soil - Not recorded

Water soluble Chloride - Cl(%) - Not recordede Total nitrogen (%) - Not recorded

7_NR

P10_GRAV Gravel (%)

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