

Project Name: CSS
Project Code: CSS **Site ID:** NT100 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (NT)

Site Information

Desc. By:	Malcolm J. Wright	Locality:	
Date Desc.:	03/05/62	Elevation:	No Data
Map Ref.:		Rainfall:	0
Northing/Long.:	136.121388888889	Runoff:	Slow
Easting/Lat.:	-21.795	Drainage:	Poorly 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:	Sand plain
Morph. Type:	Flat	Relief:	0 metres
Elem. Type:	Plain	Slope Category:	Level
Slope:	%	Aspect:	No Data

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification:	N/A	Mapping Unit:	N/A
ASC Confidence:	Confidence level not specified	Principal Profile Form:	N/A
		Great Soil Group:	Red earth

Site Disturbance:

Vegetation: Low Strata - , , . *Species includes - None recorded
Mid Strata - Shrub, , . *Species includes - None recorded
Tall Strata - Tree, , . *Species includes - None Recorded

Surface Coarse Fragments:

Profile Morphology

0 - 0.03 m	Reddish brown (2.5YR4/4-Moist); Red (2.5YR4/6-Dry); ; Loamy sand; <2 mm, Platy; Weak consistence;
0.03 - 0.1 m	Reddish brown (2.5YR4/4-Moist); ; Loamy sand; Massive grade of structure; Weak consistence; Few, fine (1-2mm) roots;
0.1 - 0.25 m	Red (10R4/6-Moist); ; Loamy sand; Massive grade of structure; Weak consistence; Common, medium (2-5mm) roots;
0.25 - 0.61 m	Red (10R4/6-Moist); ; Loamy sand; Massive grade of structure; Weak consistence; Common, medium (2-5mm) roots;
0.61 - 0.81 m	Red (10R4/6-Moist); ; Loamy sand; Massive grade of structure; Weak consistence; Common, medium (2-5mm) roots; Gradual change to -
0.81 - 1.14 m	Red (10R4/6-Moist); ; Fine sandy loam; Massive grade of structure; Weak consistence; Few, medium (2-5mm) roots;
1.14 - 1.37 m	Red (10R4/6-Moist); ; Fine sandy loam; Massive grade of structure; Weak consistence; Few, medium (2-5mm) roots; Gradual change to -
1.37 - 1.52 m	Red (10R4/6-Moist); ; Clay loam, fine sandy; Massive grade of structure; Very firm consistence; Gradual change to -
1.52 - 1.83 m	Red (2.5YR4/8-Dry); ; Fine sandy loam; Massive grade of structure; Very firm consistence; 0-2%, medium gravelly, 6-20mm, angular, coarse fragments; Sharp change to -
1.91 - 1.98 m	; Clayey sand; Strong consistence; Very few (0 - 2 %), Calcareous, , Concretions;

Morphological Notes

Observation Notes

SOME TERMITE ACTIVITY

Site Notes

ALICE SPRINGS

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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	7H	0.003C								
0.03 - 0.1	6.9H	0.004C								
0.1 - 0.25	6.8H	0.002C								
0.25 - 0.61	6.8H	0.003C								
0.61 - 0.81	6.5H	0.005C								
0.81 - 1.14	6.5H	0.006C								
1.14 - 1.37	6.6H	0.006C								
1.37 - 1.52	6.7H	0.006C								
1.52 - 1.83	6.9H	0.008C								
1.91 - 1.98	8.1H	0.041C								

Depth m	CaCO3	Organic	Avail.	Total	Total	Total	Bulk Density Mg/m3	Particle		Size	Analysis	
	%	C %	P mg/kg	P %	N %	K %		GV	CS	FS %	Silt	Clay
0 - 0.03				0.009F	0.015B	0.11B			28C	62	1	8
0.03 - 0.1					0.014B				30C	61	1	7
0.1 - 0.25												
0.25 - 0.61												
0.61 - 0.81												
0.81 - 1.14				0.007F		0.14B			22C	68	0	10
1.14 - 1.37												
1.37 - 1.52												
1.52 - 1.83				0.007F		0.2B			21C	62	2	14
1.91 - 1.98									19C	60	7	10

[illegible]

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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
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