

Project Name: CSS
Project Code: CSS **Site ID:** NT92 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (NT)

Site Information

Desc. By:	Malcolm J. Wright	Locality:	
Date Desc.:	02/11/61	Elevation:	No Data
Map Ref.:		Rainfall:	0
Northing/Long.:	133.395	Runoff:	Moderately rapid
Easting/Lat.:	-25.551666666667	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:	Gently undulating plains <9m 1-3%	Pattern Type:	Sand plain
Morph. Type:	Flat	Relief:	3 metres
Elem. Type:	Plain	Slope Category:	Level
Slope:	0 %	Aspect:	No Data

Surface Soil Condition (dry):

Erosion:

Soil Classification

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

Analytical data are incomplete but reasonable confidence.

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

Vegetation:

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

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

Surface Coarse Fragments:

Profile Morphology

0 - 0.04 m	Reddish brown (2.5YR4/4-Moist); ; Clayey sand; 2-5 mm, Platy; Very weak consistence; 20-50%, fine gravelly, 2-6mm, coarse fragments;
0.04 - 0.1 m	Reddish brown (2.5YR4/4-Moist); ; Clayey sand; Massive grade of structure; Very weak consistence; 2-10%, fine gravelly, 2-6mm, coarse fragments; Common, fine (1-2mm) roots; Diffuse change to -
0.1 - 0.23 m	Reddish brown (2.5YR4/4-Moist); ; Clayey sand; Massive grade of structure; Very weak consistence; 2-10%, fine gravelly, 2-6mm, coarse fragments; Common, fine (1-2mm) roots;
0.23 - 0.61 m	Red (10R4/6-Moist); ; Clayey sand; Massive grade of structure; Very weak consistence; 20-50%, fine gravelly, 2-6mm, coarse fragments; Common, fine (1-2mm) roots;
0.61 - 1.14 m	Red (10R4/6-Moist); ; Clayey sand; Massive grade of structure; Very weak consistence; 20-50%, fine gravelly, 2-6mm, coarse fragments; Common, fine (1-2mm) roots;
1.14 - 1.22 m	Red (10R4/6-Moist); ; Sandy loam; Firm consistence; 20-50%, fine gravelly, 2-6mm, coarse fragments; Few, fine (1-2mm) roots; Diffuse change to -
1.22 - 1.37 m	Red (10R4/6-Moist); ; Sandy clay loam; Very firm consistence; 20-50%, fine gravelly, 2-6mm, coarse fragments; Few, fine (1-2mm) roots;
1.37 - 1.67 m	Red (10R4/6-Moist); ; Sandy medium clay; Strong consistence; 2-10%, fine gravelly, 2-6mm, coarse fragments; Few, fine (1-2mm) roots; Abrupt change to -
1.67 - 1.83 m	Red (10R5/8-Moist); ; Loamy coarse sand; Massive grade of structure; Very strong consistence; 2-10%, Gravel, coarse fragments; Many (20 - 50 %), Calcareous, , Concretions;

Morphological Notes

Observation Notes

Site Notes

FINKE

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 - 0.04	6.2H	0.004C								
0.04 - 0.1	5.9H	0.006C								
0.1 - 0.23	6H	0.004C								
0.23 - 0.61	6.1H	0.005C								
0.61 - 1.14	6.2H	0.005C								
1.14 - 1.22	6.4H	0.005C								
1.22 - 1.37	6.6H	0.012C								
1.37 - 1.67	7.3H	0.014C								
1.67 - 1.83	8.4H	0.04C								

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 - 0.04				0.01F	0.012B	0.11B			46C	43	2	8
0.04 - 0.1					0.01B				51C	36	3	7
0.1 - 0.23												
0.23 - 0.61												
0.61 - 1.14				0.008F	0.015B	0.12B			44C	45	0	10
1.14 - 1.22												
1.22 - 1.37												
1.37 - 1.67				0.009F		0.24B						
1.67 - 1.83								12	43C	37	6	13

[illegible]

Project Name: CSS
Project Code: CSS **Site ID:** NT92 **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 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