

Project Name: Bradshaw
Project Code: BRD **Site ID:** 61 **Observation ID:** 1
Agency Name: Conservation Commission of the Northern Territory

Site Information

Desc. By:		Locality:	
Date Desc.:	07/09/93	Elevation:	No Data
Map Ref.:	Sheet No. : 4967 1:100000	Rainfall:	No Data
Northing/Long.:	8309627 AMG zone: 52	Runoff:	Slow
Easting/Lat.:	649541 Datum: AGD66	Drainage:	Poorly drained

Geology

ExposureType:	Auger boring	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	Czs	Substrate Material:	Auger boring, 0.6 m deep,Porous, Colluvium

Land Form

Rel/Slope Class:	Level plain <9m <1%	Pattern Type:	Plain
Morph. Type:	Flat	Relief:	0 metres
Elem. Type:	Plain	Slope Category:	No Data
Slope:	0.5 %	Aspect:	No Data

Surface Soil Condition (dry): Hardsetting, Cryptogam surface

Erosion:

Soil Classification

Australian Soil Classification:	Mapping Unit:	34
Melacic-Basic Mesotrophic Brown Kandosol Thin Non-gravelly Clay-loamy Clay-loamy Shallow	Principal Profile Form:	N/A
ASC Confidence:	Great Soil Group:	Yellow earth
No analytical data are available but confidence is fair.		

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

Vegetation: Low Strata - Tussock grass, 0.26-0.5m, Closed or dense. *Species includes - Eriachne species, Aristida latifolia, Cyperus species

Tall Strata - Tree, 3.01-6m, Closed or dense. *Species includes - Melaleuca minutifolia

Surface Coarse Fragments:

Profile Morphology

A1	0 - 0.1 m	Brown (10YR4/3-Moist); , 7.5YR58, 2-10% , 0-5mm, Faint; Sandy clay loam (Light); Massive grade of structure; Earthy fabric; Dry; Many (20 - 50 %), Ferruginous, Coarse (6 - 20 mm), Nodules; Field pH 5.5 (Raupach);
B1	0.1 - 0.35 m	Yellowish brown (10YR5/6-Moist); , 7.5YR58, 2-10% , 0-5mm, Distinct; , 0-2% , 0-5mm; Sandy clay loam; Massive grade of structure; Earthy fabric; Dry; Many (20 - 50 %), Ferruginous, Coarse (6 - 20 mm), Nodules; Very few (0 - 2 %), Ferromanganiferous, Medium (2 -6 mm), Concretions; Field pH 7 (Raupach);

Morphological Notes

Observation Notes

shallow gravelly yellow earth

Site Notes

Laboratory Test Results:

Depth	COLE	Gravimetric/Volumetric Water Contents							K sat	K unsat
		Sat.	0.05 Bar	0.1 Bar	0.5 Bar	1 Bar	5 Bar	15 Bar		
m		g/g - m3/m3							mm/h	mm/h
0.00	0.00	100	98	95	88	80	65	50	0.00	0.00
0.05	0.00	100	98	95	88	80	65	50	0.00	0.00
0.10	0.00	100	98	95	88	80	65	50	0.00	0.00
0.15	0.00	100	98	95	88	80	65	50	0.00	0.00
0.20	0.00	100	98	95	88	80	65	50	0.00	0.00
0.25	0.00	100	98	95	88	80	65	50	0.00	0.00
0.30	0.00	100	98	95	88	80	65	50	0.00	0.00
0.35	0.00	100	98	95	88	80	65	50	0.00	0.00
0.40	0.00	100	98	95	88	80	65	50	0.00	0.00
0.45	0.00	100	98	95	88	80	65	50	0.00	0.00
0.50	0.00	100	98	95	88	80	65	50	0.00	0.00
0.55	0.00	100	98	95	88	80	65	50	0.00	0.00
0.60	0.00	100	98	95	88	80	65	50	0.00	0.00
0.65	0.00	100	98	95	88	80	65	50	0.00	0.00
0.70	0.00	100	98	95	88	80	65	50	0.00	0.00
0.75	0.00	100	98	95	88	80	65	50	0.00	0.00
0.80	0.00	100	98	95	88	80	65	50	0.00	0.00
0.85	0.00	100	98	95	88	80	65	50	0.00	0.00
0.90	0.00	100	98	95	88	80	65	50	0.00	0.00
0.95	0.00	100	98	95	88	80	65	50	0.00	0.00
1.00	0.00	100	98	95	88	80	65	50	0.00	0.00
1.05	0.00	100	98	95	88	80	65	50	0.00	0.00
1.10	0.00	100	98	95	88	80	65	50	0.00	0.00
1.15	0.00	100	98	95	88	80	65	50	0.00	0.00
1.20	0.00	100	98	95	88	80	65	50	0.00	0.00
1.25	0.00	100	98	95	88	80	65	50	0.00	0.00
1.30	0.00	100	98	95	88	80	65	50	0.00	0.00
1.35	0.00	100	98	95	88	80	65	50	0.00	0.00
1.40	0.00	100	98	95	88	80	65	50	0.00	0.00
1.45	0.00	100	98	95	88	80	65	50	0.00	0.00
1.50	0.00	100	98	95	88	80	65	50	0.00	0.00
1.55	0.00	100	98	95	88	80	65	50	0.00	0.00
1.60	0.00	100	98	95	88	80	65	50	0.00	0.00
1.65	0.00	100	98	95	88	80	65	50	0.00	0.00
1.70	0.00	100	98	95	88	80	65	50	0.00	0.00
1.75	0.00	100	98	95	88	80	65	50	0.00	0.00
1.80	0.00	100	98	95	88	80	65	50	0.00	0.00
1.85	0.00	100	98	9						

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Laboratory Analyses Completed for this profile