

Project Name: Bradshaw
Project Code: BRD **Site ID:** 18 **Observation ID:** 1
Agency Name: Conservation Commission of the Northern Territory

Site Information

Desc. By:		Locality:	
Date Desc.:	08/08/93	Elevation:	No Data
Map Ref.:	Sheet No. : 4496 1:100000	Rainfall:	No Data
Northing/Long.:	8285063 AMG zone: 52	Runoff:	Slow
Easting/Lat.:	651709 Datum: AGD66	Drainage:	Poorly drained

Geology

ExposureType:	Auger boring	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	Czs	Substrate Material:	Auger boring, 1.2 m deep,Porous, Alluvium

Land Form

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

Surface Soil Condition (dry): Firm

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	13
Mottled Dystrophic Brown Kandosol Thin Non-gravelly Sandy Clay-loamy Deep		Principal Profile Form:	N/A
ASC Confidence:		Great Soil Group:	Yellow podzolic soil
No analytical data are available but confidence is fair.			

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

Vegetation: Low Strata - Sedge, 0.26-0.5m, Mid-dense. *Species includes - Cyperus species, Aristida latifolia, Chrysopogon fallax

Tall Strata - Tree, 3.01-6m, Closed or dense. *Species includes - None Recorded

Surface Coarse Fragments:

Profile Morphology

A1	0 - 0.1 m	Very dark greyish brown (10YR3/2-Moist); , 0-0% ; Sand; Massive grade of structure; Sandy (grains prominent) fabric; Dry; Field pH 6 (Raupach);
A2	0.1 - 0.2 m	Brown (7.5YR5/4-Moist); Pale red (2.5YR7/2-Dry); , 0-0% ; Sand; Massive grade of structure; Sandy (grains prominent) fabric; Dry; Field pH 6 (Raupach);
B1	0.2 - 0.4 m	Yellowish brown (10YR5/6-Moist); , 0-0% ; Sandy loam; Massive grade of structure; Earthy fabric; Moderately moist; Field pH 5.5 (Raupach);
B2	0.4 - 0.6 m	Yellowish brown (10YR5/6-Moist); , 2.5YR48, 0-0% ; , 7.5YR58, 0-0% ; Sandy clay loam (Heavy); Massive grade of structure; Earthy fabric; Moderately moist; Field pH 5.5 (Raupach);
BC	0.6 - 1.2 m	Yellowish brown (10YR5/6-Moist); , 2.5YR58, 0-0% ; , 7.5YR58, 0-0% ; Sandy clay loam; Massive grade of structure; Earthy fabric; Moderately moist; Field pH 5.5 (Raupach);

Morphological Notes

Observation Notes

DEEP (DUPLEX)? YELLOW EARTH. DENSE MELALEUCA WOODLAND WITH OCCASSIONAL TALL E.POLY/CHYS & NUMEROUSREFER NOTES.

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	99	97	92	85	75	62	0.00	0.00
0.05	0.00	100	99	97	92	85	75	62	0.00	0.00
0.10	0.00	100	99	97	92	85	75	62	0.00	0.00
0.15	0.00	100	99	97	92	85	75	62	0.00	0.00
0.20	0.00	100	99	97	92	85	75	62	0.00	0.00
0.25	0.00	100	99	97	92	85	75	62	0.00	0.00
0.30	0.00	100	99	97	92	85	75	62	0.00	0.00
0.35	0.00	100	99	97	92	85	75	62	0.00	0.00
0.40	0.00	100	99	97	92	85	75	62	0.00	0.00
0.45	0.00	100	99	97	92	85	75	62	0.00	0.00
0.50	0.00	100	99	97	92	85	75	62	0.00	0.00
0.55	0.00	100	99	97	92	85	75	62	0.00	0.00
0.60	0.00	100	99	97	92	85	75	62	0.00	0.00
0.65	0.00	100	99	97	92	85	75	62	0.00	0.00
0.70	0.00	100	99	97	92	85	75	62	0.00	0.00
0.75	0.00	100	99	97	92	85	75	62	0.00	0.00
0.80	0.00	100	99	97	92	85	75	62	0.00	0.00
0.85	0.00	100	99	97	92	85	75	62	0.00	0.00
0.90	0.00	100	99	97	92	85	75	62	0.00	0.00
0.95	0.00	100	99	97	92	85	75	62	0.00	0.00
1.00	0.00	100	99	97	92	85	75	62	0.00	0.00
1.05	0.00	100	99	97	92	85	75	62	0.00	0.00
1.10	0.00	100	99	97	92	85	75	62	0.00	0.00
1.15	0.00	100	99	97	92	85	75	62	0.00	0.00
1.20	0.00	100	99	97	92	85	75	62	0.00	0.00
1.25	0.00	100	99	97	92	85	75	62	0.00	0.00
1.30	0.00	100	99	97	92	85	75	62	0.00	0.00
1.35	0.00	100	99	97	92	85	75	62	0.00	0.00
1.40	0.00	100	99	97	92	85	75	62	0.00	0.00
1.45	0.00	100	99	97	92	85	75	62	0.00	0.00
1.50	0.00	100	99	97	92	85	75	62	0.00	0.00
1.55	0.00	100	99	97	92	85	75	62	0.00	0.00
1.60	0.00	100	99	97	92	85	75	62	0.00	0.00
1.65	0.00	100	99	97	92	85	75	62	0.00	0.00
1.70	0.00	100	99	97	92	85	75	62	0.00	0.00
1.75	0.00	100	99	97	92	85	75	62	0.00	0.00
1.80	0.00	100	99	97	92	85	75	62	0.00	0.00
1.85	0.00	100	99	9						

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Laboratory Analyses Completed for this profile