Bradshaw Project Name:

Project Code: Observation ID: 1 **BRD** Site ID: 38

Conservation Commission of the Northern Territory Agency Name:

Site Information

Desc. By: Locality:

Date Desc.: Elevation: 04/09/93 No Data Map Ref.: Sheet No.: 4967 1:100000 Rainfall: No Data Northing/Long.: 8293864 AMG zone: 52 Runoff: Slow 659335 Datum: AGD66 Poorly drained Drainage:

Easting/Lat.:

Geology

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

Land Form

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

Surface Soil Condition (dry): Firm, Cryptogam surface

Erosion:

Soil Classification

Australian Soil Classification: 14 **Mapping Unit:** Acidic Arenic Orthic Tenosol Thin Non-gravelly Sandy Sandy **Principal Profile Form:** N/A

Deep

ASC Confidence: Great Soil Group: Earthy sand

No analytical data are available but confidence is fair.

<u>Site Disturbance:</u> No effective disturbance other than grazing by hoofed animals

Vegetation: Low Strata - Tussock grass, 0.26-0.5m, Mid-dense. *Species includes - Sorghum timorense, Chrysopogon fallax

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

Surface Coarse Fragments:

Profile Morphology

0 - 0.1 m Brown (10YR4/3-Moist); , 7.5YR58, 0-2% , 0-5mm, Faint; Sand; Massive grade of structure;

Earthy fabric: Dry: Field pH 6.5 (Raupach):

B1w 0.1 - 0.3 m Yellowish brown (10YR5/6-Moist); , 7.5YR58, 0-2% , 0-5mm, Faint; Loamy sand; Massive grade

of structure; Earthy fabric; Dry; Field pH 6 (Raupach);

B2w Brownish yellow (10YR6/6-Moist); , 7.5YR58, 0-2% , 0-5mm, Faint; Loamy sand; Massive grade 0.3 - 0.6 m

of structure; Earthy fabric; Dry; Field pH 5.5 (Raupach);

Morphological Notes

Observation Notes

Yellow earthy sand, dug soil pit to 60 cm, slightly mottled

Site Notes

Project Name: Bradshaw
Project Code: BRD Site ID: 38 Observation
Agency Name: Conservation Commission of the Northern Territory Observation ID: 1

Laboratory Test Results:

Depth	рН	1:5 EC		Exchangeable Cations			Exchangeable	CEC	ECEC	ESP
			Ca	Mg	K	Na	Acidity			
m		dS/m		Cmol (+)/kg						%

Depth	CaCO3	Organic	Avail.	Total	Total	Total	Bulk	P	Particle Size Ar		Analys	Analysis	
		С	Р	Р	N	K	Density	G۷	CS	FS	Silt	Clay	
m	0/2	0/2	ma/ka	%	%	%	Ma/m3			0/2			

Depth	COLE	COLE Gravimetric/Volumetric Water Contents								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

Bradshaw

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Laboratory Analyses Completed for this profile