

Project Name: Bradshaw
Project Code: BRD **Site ID:** 60 **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.:	8310911 AMG zone: 52	Runoff:	Moderately rapid
Easting/Lat.:	649646 Datum: AGD66	Drainage:	Moderately well drained

Geology

ExposureType:	Auger boring	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	Czs	Substrate Material:	Auger boring, 0.8 m deep,Porous, Sand

Land Form

Rel/Slope Class:	Gently undulating rises 9-30m 1-3%	Pattern Type:	Rises
Morph. Type:	Crest	Relief:	0 metres
Elem. Type:	Plain	Slope Category:	No Data
Slope:	1.5 %	Aspect:	No Data

Surface Soil Condition (dry): Loose

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	34
Palic Regolithic Leptic Tenosol Medium Non-gravelly Sandy Sandy Deep		Principal Profile Form:	N/A
ASC Confidence:		Great Soil Group:	Siliceous sand
No analytical data are available but confidence is fair.			

Site Disturbance: Extensive clearing, for example poisoning, ringbarking

Vegetation: Low Strata - Tussock grass, 0.26-0.5m, Mid-dense. *Species includes - Aristida latifolia, Brachyachne convergens

Tall Strata - Tree, 3.01-6m, Mid-dense. *Species includes - Melaleuca viridiflora, Acacia species

Surface Coarse Fragments:

Profile Morphology

A1	0 - 0.1 m	Dark reddish brown (5YR3/3-Moist); , 0-0% ; Sand; Massive grade of structure; Sandy (grains prominent) fabric; Dry; Field pH 7 (Raupach);
A2	0.1 - 0.3 m	Dark reddish brown (5YR3/4-Moist); , 0-0% ; Sand; Massive grade of structure; Sandy (grains prominent) fabric; Dry; Field pH 7 (Raupach);
Bw	0.3 - 0.6 m	Yellowish red (5YR5/6-Moist); , 0-0% ; Sand; Massive grade of structure; Sandy (grains prominent) fabric; Moderately moist; Field pH 7 (Raupach);
Bw	0.6 - 0.8 m	Yellowish red (5YR5/6-Moist); , 0-0% ; Sand; Massive grade of structure; Sandy (grains prominent) fabric; Moderately moist; Field pH 7 (Raupach);

Morphological Notes

Observation Notes

deep red sand

Site Notes

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Laboratory Test Results:

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

Depth	CaCO3	Organic C	Avail. P	Total P	Total N	Total K	Bulk Density	Particle Size		Analysis	
m	%	%	mg/kg	%	%	%	Mg/m3	GV	CS	FS	Silt Clay
										%	

Depth	COLE	Gravimetric/Volumetric Water Contents						K sat	K unsat
		Sat.	0.05 Bar	0.1 Bar	0.5 Bar	1 Bar	5 Bar		
m					g/g -	m3/m3		mm/h	mm/h

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Laboratory Analyses Completed for this profile