

Project Name: Bradshaw
Project Code: BRD **Site ID:** 7 **Observation ID:** 1
Agency Name: Conservation Commission of the Northern Territory

Site Information

Desc. By:		Locality:	
Date Desc.:	06/08/93	Elevation:	No Data
Map Ref.:	Sheet No. : 4966 1:100000	Rainfall:	No Data
Northing/Long.:	8278890 AMG zone: 52	Runoff:	Moderately rapid
Easting/Lat.:	653786 Datum: AGD66	Drainage:	Moderately well drained

Geology

ExposureType:	Auger boring	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	Paj	Substrate Material:	Auger boring, 0.15 m deep, Porous, Sandstone

Land Form

Rel/Slope Class:	Gently undulating plains <9m 1-3%	Pattern Type:	Plateau
Morph. Type:	Simple-slope	Relief:	0 metres
Elem. Type:	Plain	Slope Category:	No Data
Slope:	1 %	Aspect:	No Data

Surface Soil Condition (dry): Firm

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	7F
Lithic Leptic Rudosol Gravelly Sandy Shallow		Principal Profile Form:	N/A
ASC Confidence:		Great Soil Group:	N/A

Analytical data are incomplete but reasonable confidence.

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

Vegetation: Low Strata - Tussock grass, 0.26-0.5m, Sparse. *Species includes - Plectrachne pungens
Mid Strata - Shrub, 3.01-6m, Mid-dense. *Species includes - Calytrix brownii, Acacia spectabilis
Tall Strata - Tree, 6.01-12m, Mid-dense. *Species includes - Eucalyptus phoenecia

Surface Coarse Fragments: 10-20%, medium gravelly, 6-20mm, subangular, Sandstone; 20-50%, stony, 200-600mm, subangular, Sandstone

Profile Morphology

A1	0 - 0.03 m	Dark reddish brown (5YR2/2-Moist); , 0-0% ; Loamy sand; Massive grade of structure; Earthy fabric; Dry; 10-20%, fine gravelly, 2-6mm, Sandstone, coarse fragments; Field pH 5.5 (Raupach);
A2	0.03 - 0.05 m	Dark reddish brown (5YR3/3-Moist); , 0-0% ; Sand; Massive grade of structure; Sandy (grains prominent) fabric; Dry; 10-20%, fine gravelly, 2-6mm, Sandstone, coarse fragments; 2-10%, coarse gravelly, 20-60mm, Sandstone, coarse fragments; Field pH 6 (Raupach);

Morphological Notes

Observation Notes

PLANAR SURFACE, EXTENSIVE SANDSTONE OUTCROP GIVING THE REFLECTIVE PATTERN, OPEN EUC WOODLAND OVER SHRUBS AND SPINIFEX.

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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	15 Bar	
m					g/g -	m3/m3			mm/h

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Laboratory Analyses Completed for this profile