

Project Name: Bradshaw
Project Code: BRD **Site ID:** 6 **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.:	8276286 AMG zone: 52	Runoff:	Moderately rapid
Easting/Lat.:	654893 Datum: AGD66	Drainage:	Imperfectly drained

Geology

ExposureType:	Auger boring	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	Paj	Substrate Material:	Auger boring, 0.3 m deep,Porous, Colluvium

Land Form

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

Surface Soil Condition (dry): Loose

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	7E
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, Mid-dense. *Species includes - Chrysopogon fallax, Sorghum timorense, Aristida latifolia

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

Surface Coarse Fragments: 10-20%, medium gravelly, 6-20mm, subangular, Sandstone

Profile Morphology

A1	0 - 0.1 m	Brown (10YR5/3-Moist); , 0-0% ; Sand; Massive grade of structure; Sandy (grains prominent) fabric; Dry; 50-90%, medium gravelly, 6-20mm, subangular, Sandstone, coarse fragments; Field pH 7 (Raupach);
C	0.1 - 0.3 m	Brown (10YR5/3-Moist); , 0-0% ; Sand; Massive grade of structure; Sandy (grains prominent) fabric; Dry; 50-90%, coarse gravelly, 20-60mm, subangular, Sandstone, coarse fragments; Field pH 7 (Raupach);

Morphological Notes

Observation Notes

SANDY PLAIN (DRAINAGE AREA) IN THE PLATEAUX SURFACE. LOW DOMINATED BY MEL.VERID. OVER MIXED GRASSES. MINOR SANDSTONE OUTCROP.

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Laboratory Test Results:

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

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

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

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Laboratory Analyses Completed for this profile