Project Name: **Bradshaw**
Project Code: **BRD** **Site ID:** **45** **Observation ID:** **1**
Agency Name: **Conservation Commission of the Northern Territory**

Site Information

Desc. By:
Date Desc.: 15/09/93
Map Ref.: Sheet No. : 5067 1:100000
Northing/Long.: 8296819 AMG zone: 52
Easting/Lat.: 665086 Datum: AGD66
Locality:
Elevation: No Data
Rainfall: No Data
Runoff: Moderately rapid
Drainage: Moderately well drained

Geology

ExposureType: Auger boring
Geol. Ref.: Paa
Conf. Sub. is Parent. Mat.: No Data
Substrate Material: Auger boring, 0.5 m deep,Porous, Sandstone

Land Form

Rel/Slope Class: Gently undulating rises 9-30m 1-3%
Morph. Type: Mid-slope
Elem. Type: Plain
Slope: 2.5 %
Pattern Type: Rises
Relief: 0 metres
Slope Category: No Data
Aspect: No Data

Surface Soil Condition (dry): Hardsetting, Cryptogam surface

Erosion:

Soil Classification

Australian Soil Classification:
Basic Lithic Leptic Rudosol Moderately gravelly Loamy Very shallow
Mapping Unit: 35
Principal Profile Form: N/A
ASC Confidence:
No analytical data are available but confidence is fair.
Great Soil Group: N/A

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, Themeda triandra
Mid Strata - Shrub, 0.51-1m, Sparse. *Species includes - Calytrix exstipulata
Tall Strata - Tree, 3.01-6m, Closed or dense. *Species includes - Melaleuca minutifolia

Surface Coarse Fragments: 20-50%, medium gravelly, 6-20mm, subangular tabular, Sandstone

Profile Morphology

A1 0 - 0.1 m Dark reddish brown (5YR3/2-Moist); , 0-0% ; Sandy loam; Massive grade of structure; Earthy fabric; Dry; 50-90%, medium gravelly, 6-20mm, subangular tabular, Sandstone, coarse fragments; Field pH 6.5 (Raupach);

Morphological Notes

Observation Notes

shallow gravelly lithosol

Site Notes

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Laboratory Test Results:

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

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