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

Site Information

Desc. By:
Date Desc.: 05/08/93
Map Ref.: Sheet No. : 4966 1:100000
Northing/Long.: 8282000 AMG zone: 52
Easting/Lat.: 651513 Datum: AGD66
Locality:
Elevation: No Data
Rainfall: No Data
Runoff: Slow
Drainage: Well drained

Geology

ExposureType: Auger boring
Geol. Ref.: Czs
Conf. Sub. is Parent. Mat.: No Data
Substrate Material: Auger boring, 1.2 m deep,Porous, Sheetflow deposit

Land Form

Rel/Slope Class: No Data
Morph. Type: Simple-slope
Elem. Type: Plain
Slope: 0.5 %
Pattern Type: Plain
Relief: No Data
Slope Category: No Data
Aspect: No Data

Surface Soil Condition (dry): Loose

Erosion:

Soil Classification

Australian Soil Classification:
Melanic Class Undetermined Chernic Tenosol Thick Sandy Sandy Deep
Mapping Unit: 34
Principal Profile Form: N/A
ASC Confidence:
Analytical data are incomplete but reasonable confidence.
Great Soil Group: Siliceous sand

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

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

Tall Strata - Tree, 3.01-6m, Closed or dense. *Species includes - Eucalyptus species, Acacia spectabilis

Surface Coarse Fragments:

Profile Morphology

A11	0 - 0.1 m	Dark reddish brown (5YR2/2-Moist); , 0-0% ; Sand; Massive grade of structure; Sandy (grains prominent) fabric; Dry; Field pH 6 (Raupach);
A12	0.1 - 0.3 m	Dark reddish brown (5YR2/2-Moist); , 0-0% ; Sand; Massive grade of structure; Sandy (grains prominent) fabric; Dry; Field pH 6 (Raupach);
B1	0.3 - 0.9 m	Dark reddish brown (5YR3/4-Moist); , 0-0% ; Sand; Massive grade of structure; Sandy (grains prominent) fabric; Dry; Field pH 6 (Raupach);
B2	0.9 - 1.2 m	Yellowish red (5YR4/6-Moist); , 0-0% ; Sand; Massive grade of structure; Sandy (grains prominent) fabric; Dry; Field pH 6 (Raupach);

Morphological Notes

Observation Notes

EROSION ALONG ACCESS TRACK. DEEP SANDY SOILS. DENSE EUC & ACACIA WOODLAND. OVER ARISTIDA GRASSLAND.

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