

Project Name: Bradshaw
Project Code: BRD **Site ID:** 56 **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.:	8309072 AMG zone: 52	Runoff:	Moderately rapid
Easting/Lat.:	654067 Datum: AGD66	Drainage:	Poorly drained

Geology

ExposureType:	Auger boring	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	Czs	Substrate Material:	Auger boring, 0.6 m deep, Slightly porous, Colluvium

Land Form

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

Surface Soil Condition (dry): Hardsetting, Cryptogam surface

Erosion:

Soil Classification

Australian Soil Classification:	Mapping Unit:	31
Palic Paralithic Leptic Tenosol Thin Slightly gravelly Clay-loamy Moderately deep	Principal Profile Form:	N/A
ASC Confidence:	Great Soil Group:	Yellow earth
No analytical data are available but confidence is fair.		

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, Dicanthium aristatum

Mid Strata - Shrub, 1.01-3m, Mid-dense. *Species includes - Grevillea striata, Dodonaea species

Tall Strata - Tree, 3.01-6m, Closed or dense. *Species includes - Melaleuca minutifolia

Surface Coarse Fragments: 0-2%, cobbly, 60-200mm, subrounded, Sandstone; 2-10%, coarse gravelly, 20-60mm, , Sandstone

Profile Morphology

A1	0 - 0.15 m	Brown (7.5YR4/4-Moist); , 0-0% ; Sandy clay loam (Light); Massive grade of structure; Earthy fabric; Dry; 10-20%, medium gravelly, 6-20mm, subangular, Sandstone, coarse fragments; Field pH 6.5 (Raupach);
----	------------	---

Morphological Notes

Observation Notes

shallow gravelly yellow earth, possibly quite dep and underlain by clay, stopped by gravel at 15 cm

Site Notes

Project Name: Bradshaw
Project Code: BRD Site ID: 56 Observation ID: 1
Agency Name: Conservation Commission of the Northern Territory

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

Project Name: Bradshaw
Project Code: BRD Site ID: 56 Observation ID: 1
Agency Name: Conservation Commission of the Northern Territory

Laboratory Analyses Completed for this profile