

Project Name: Bradshaw
Project Code: BRD **Site ID:** 62 **Observation ID:** 1
Agency Name: Conservation Commission of the Northern Territory

Site Information

Desc. By:		Locality:	
Date Desc.:	08/09/93	Elevation:	No Data
Map Ref.:	Sheet No. : 4967 1:100000	Rainfall:	No Data
Northing/Long.:	8304773 AMG zone: 52	Runoff:	Slow
Easting/Lat.:	644192 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, Siltstone

Land Form

Rel/Slope Class:	Gently undulating plains <9m 1-3%	Pattern Type:	Plain
Morph. Type:	Simple-slope	Relief:	0 metres
Elem. Type:	Plain	Slope Category:	No Data
Slope:	0.5 %	Aspect:	No Data

Surface Soil Condition (dry): Hardsetting, Cryptogam surface

Erosion:

Soil Classification

Australian Soil Classification:	Mapping Unit:	32
Mottled Eutrophic Brown Chromosol Thin Non-gravelly Loamy Clayey Moderately deep	Principal Profile Form:	N/A
ASC Confidence:	Great Soil Group:	Yellow podzolic soil
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, Sorghum timorense,
Themeda triandra

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

Surface Coarse Fragments: 0-2%, coarse gravelly, 20-60mm, subangular tabular, Sandstone

Profile Morphology

A1	0 - 0.1 m	Very dark greyish brown (10YR3/2-Moist); , 7.5YR58, 2-10% , 0-5mm, Prominent; Sandy loam (Heavy); Massive grade of structure; Earthy fabric; Dry; Common (10 - 20 %), Ferruginous, Medium (2 -6 mm), Nodules; Field pH 6 (Raupach);
B21	0.1 - 0.3 m	Yellowish brown (10YR5/4-Moist); , 7.5YR58, 2-10% , 0-5mm, Prominent; Light clay; Massive grade of structure; Earthy fabric; Dry; Many (20 - 50 %), Ferruginous, Medium (2 -6 mm), Nodules; Field pH 6 (Raupach);
B22	0.3 - 0.5 m	Yellowish brown (10YR5/4-Moist); , 7.5YR58, 2-10% , 0-5mm, Prominent; Light medium clay; Massive grade of structure; Earthy fabric; Dry; Very many (50 - 100 %), Ferruginous, Medium (2 -6 mm), Nodules; Field pH 6.5 (Raupach);

Morphological Notes

Observation Notes

shallow gravelly duplex yellow earth, chromosol ?

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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	
		C	P	P	N	K	Density	GV	CS	FS	Silt	Clay
m	%	%	mg/kg	%	%	%	Mg/m3			%		

[illegible]

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Laboratory Analyses Completed for this profile