

Project Name: Bradshaw
Project Code: BRD **Site ID:** 10 **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 1:100000	Rainfall:	No Data
Northing/Long.:	8280797 AMG zone: 52	Runoff:	Slow
Easting/Lat.:	649577 Datum: AGD66	Drainage:	Poorly drained

Geology

ExposureType:	Auger boring	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	Qa	Substrate Material:	Auger boring, 0.6 m deep,Porous, Alluvium

Land Form

Rel/Slope Class:	Level plain <9m <1%	Pattern Type:	Plain
Morph. Type:	No Data	Relief:	0 metres
Elem. Type:	Plain	Slope Category:	No Data
Slope:	0.5 %	Aspect:	No Data

Surface Soil Condition (dry): Firm

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	12
Mottled Eutrophic Brown Chromosol Medium Non-gravelly Sandy Clayey Deep		Principal Profile Form:	N/A

ASC Confidence:		Great Soil Group:	N/A
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, Themeda triandra, Sorghum timorense

Tall Strata - Tree, 6.01-12m, Sparse. *Species includes - Eucalyptus species

Surface Coarse Fragments:

Profile Morphology

A1	0 - 0.1 m	Very dark greyish brown (10YR3/2-Moist); , 0-0% ; Sand; Massive grade of structure; Sandy (grains prominent) fabric; Dry; Field pH 7.5 (Raupach);
A2	0.1 - 0.3 m	Dark brown (10YR3/3-Moist); , 0-0% ; Sand; Massive grade of structure; Sandy (grains prominent) fabric; Dry; Field pH 7.5 (Raupach);
B1	0.3 - 0.45 m	Yellowish brown (10YR5/6-Moist); , 0-0% ; Clayey sand; Massive grade of structure; Earthy fabric; Dry; Field pH 7.5 (Raupach);
B2	0.45 - 0.6 m	Yellowish brown (10YR5/6-Moist); , 0-0% ; Sandy clay loam; Massive grade of structure; Earthy fabric; Moderately moist; Very few (0 - 2 %), Aluminous, Medium (2 -6 mm), Concretions; Field pH 7.5 (Raupach);
D1	0.6 - 1.1 m	Reddish brown (2.5YR5/4-Moist); , 2.5Y48, 0-0% ; , 10YR51, 0-0% ; Light clay; Massive grade of structure; Earthy fabric; Moderately moist; Field pH 7 (Raupach);
D2	1.1 - 1.5 m	Red (2.5YR5/6-Moist); , 10YR51, 0-0% ; , 2.5YR58, 0-0% ; Light clay; Massive grade of structure; Earthy fabric; Moderately moist; Field pH 5.5 (Raupach);

Morphological Notes

Observation Notes

DEEP YELLOW MOTTLED DUPLEX EARTH. DENSE MIXED WOODLAND OVER MIXED GRASSLAND.

Site Notes

Project Name: Bradshaw
Project Code: BRD Site ID: 10 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: 10 Observation ID: 1
Agency Name: Conservation Commission of the Northern Territory

Laboratory Analyses Completed for this profile