

Project Name: Bradshaw
Project Code: BRD **Site ID:** 22 **Observation ID:** 1
Agency Name: Conservation Commission of the Northern Territory

Site Information

Desc. By:		Locality:	
Date Desc.:	09/08/93	Elevation:	No Data
Map Ref.:	Sheet No. : 4496 1:50000	Rainfall:	No Data
Northing/Long.:	8299858 AMG zone: 52	Runoff:	Very slow
Easting/Lat.:	654953 Datum: AGD66	Drainage:	Poorly drained

Geology

ExposureType:	Auger boring	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	No Data	Substrate Material:	No Data

Land Form

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

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	12
Endohypersodic Crusty Brown Vertosol Non-gravelly Fine Medium fine Deep		Principal Profile Form:	N/A
ASC Confidence:		Great Soil Group:	N/A
No analytical data are available but confidence is fair.			

Site Disturbance:

Vegetation:

timorensis, Aristida Tall Strata - Tussock grass, 0.26-0.5m, Mid-dense. *Species includes - Chrysopogon fallax, Sorghum latifolia

Surface Coarse Fragments:

Profile Morphology

A1	0 - 0.1 m	Dark yellowish brown (10YR4/4-Moist); , 0-0% ; Light clay; Weak grade of structure, 2-5 mm, Subangular blocky; Rough-ped fabric; Medium, (5 - 10) mm crack; Dry; Field pH 6 (Raupach); Abrupt, Smooth change to -
B1	0.1 - 0.3 m	Dark yellowish brown (10YR4/4-Moist); , 0-0% ; Light medium clay; Moderate grade of structure, 2-5 mm, Subangular blocky; Strong grade of structure, 2-5 mm, Subangular blocky; Strong grade of structure, 5-10 mm, Lenticular; Rough-ped fabric; Medium, (5 - 10) mm crack; Dry; Field pH 6 (Raupach); Clear, Smooth change to -
B2	0.3 - 0.6 m	Yellowish brown (10YR5/4-Moist); , 0-0% ; Medium clay; Strong grade of structure, 2-5 mm, Subangular blocky; Strong grade of structure, 5-10 mm, Lenticular; Smooth-ped fabric; Dry; Few cutans, <10% of ped faces or walls coated, distinct; Field pH 8 (Raupach); Clear, Wavy change to -
B21k	0.6 - 0.9 m	Yellowish brown (10YR5/4-Moist); , 0-0% ; Medium clay; Strong grade of structure, 2-5 mm, Subangular blocky; Strong grade of structure, 5-10 mm, Lenticular; Smooth-ped fabric; Moderately moist; Common cutans, 10-50% of ped faces or walls coated, distinct; Very few (0 - 2 %), Calcareous, Medium (2 -6 mm), Concretions; Field pH 8.5 (Raupach); Clear, Wavy change to -
B22k	0.9 - 1.5 m	Yellowish brown (10YR5/4-Moist); , 0-0% ; Medium clay; Strong grade of structure, 2-5 mm, Subangular blocky; Strong grade of structure, 5-10 mm, Lenticular; Smooth-ped fabric; Moderately moist; Common cutans, 10-50% of ped faces or walls coated, distinct; Very few (0 - 2 %), Calcareous, Medium (2 -6 mm), Concretions; Field pH 8.5 (Raupach);

Morphological Notes

Observation Notes

yellow brown cracking clay, mixed grassland

Site Notes

Project Name: Bradshaw
Project Code: BRD Site ID: 22 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: 22 Observation ID: 1
Agency Name: Conservation Commission of the Northern Territory

Laboratory Analyses Completed for this profile