

Project Name: Bradshaw
Project Code: BRD **Site ID:** 513 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (SA)

Site Information

Desc. By:	I. Hollingsworth	Locality:	
Date Desc.:	18/10/96	Elevation:	No Data
Map Ref.:	Sheet No. : 5068-3 1:50000	Rainfall:	No Data
Northing/Long.:	8345638 AMG zone: 52	Runoff:	Very slow
Easting/Lat.:	686920 Datum: AGD66	Drainage:	Moderately well drained

Geology

ExposureType:	Soil pit	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	Paa	Substrate Material:	No Data

Land Form

Rel/Slope Class:	No Data	Pattern Type:	Rises
Morph. Type:	No Data	Relief:	0 metres
Elem. Type:	Footslope	Slope Category:	Very gently sloped
Slope:	%	Aspect:	No Data

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	35
Brown Kandosol 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, 0.51-1m, Closed or dense. *Species includes - None recorded
Tall Strata - Tree, 6.01-12m, Sparse. *Species includes - None Recorded

Surface Coarse Fragments: 2-10%, cobbly, 60-200mm, subrounded tabular, Sandstone

Profile Morphology

A1 0 - 0.05 m Dark brown (7.5YR3/2-Moist); , 0-0% ; Clay loam; Dry; Moderately plastic; Slightly sticky; 0-2%, coarse gravelly, 20-60mm, rounded tabular, Sandstone, coarse fragments; Few, very fine (0-1mm) roots;

Bw 0.05 - 0.5 m ; Clay loam; Dry; Moderately plastic; Slightly sticky;

Morphological Notes

Observation Notes

REFER NOTES...

Site Notes

SEHIMA NERVOSA, THEMEDA TRIANDRA, E.GRANDIFOLIA, E.PRUNOSA.

Observation ID: 1

Agency Name: CSIRO Division of Soils (SA)

Laboratory Test Results:

Depth	pH	1:5 EC	Exchangeable Cations			Exchangeable	CEC	ECEC	ESP
m		dS/m	Ca	Mg	K	Na	Acidity		%
						Cmol (+)/kg			

0 - 0.05	5.8C 6.8A	0.02A
0.05 - 0.3	6.3C 6.8A	0.06A

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			%		

0 - 0.05
0.05 - 0.3

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

0 - 0.05
0.05 - 0.3

Project Name: Bradshaw
Project Code: BRD **Site ID:** 513 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (SA)

Laboratory Analyses Completed for this profile

3A1	EC of 1:5 soil/water extract
4A1	pH of 1:5 soil/water suspension
4B2	pH of 1:5 soil/0.01M calcium chloride extract - following Method 4A1