

Project Name: Bradshaw
Project Code: BRD **Site ID:** 506 **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. : 5667-4 1:50000	Rainfall:	No Data
Northing/Long.:	8338486 AMG zone: 52	Runoff:	Very slow
Easting/Lat.:	677026 Datum: AGD66	Drainage:	Poorly drained

Geology

ExposureType:	Soil pit	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	Czs	Substrate Material:	Soil pit, 3 m deep,Slightly porous, Siltstone

Land Form

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

Surface Soil Condition (dry): Cracking, Surface crust, Surface flake

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	52
Brown Chromosol 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 - Themeda triandra
Tall Strata - Tree, 3.01-6m, Mid-dense. *Species includes - None Recorded

Surface Coarse Fragments: 10-20%, medium gravelly, 6-20mm, rounded, Ferricrete; 0-2%, coarse gravelly, 20-60mm, subrounded tabular, Siltstone

Profile Morphology

A1 0 - m Brown (10YR4/3-Moist); , 0-0% ; Silty clay loam; Dry; Moderately plastic; Normal plasticity; Very sticky; 10-20%, medium gravelly, 6-20mm, rounded, coarse fragments;

Morphological Notes

Observation Notes

A1 10YR 4/3 2 CLAY, LOAM.

Site Notes

PHOTO NO; SURFACE - 15. COCH LOSPERNUM FRASERII, M.MINUTIFOLIA

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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 C	Avail. P	Total P	Total N	Total K	Bulk Density	Particle		Size	Analysis
m	%	%	mg/kg	%	%	%	Mg/m3	GV	CS	FS	Silt Clay
										%	

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

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Laboratory Analyses Completed for this profile