Project Name: **Bradshaw**
Project Code: **BRD** **Site ID:** **211** **Observation ID:** **1**
Agency Name: **CSIRO Division of Soils (SA)**

Site Information

Desc. By:	I. Hollingsworth	**Locality:**	
Date Desc.:	15/10/96	**Elevation:**	No Data
Map Ref.:	Sheet No. : 4967 1:50000	**Rainfall:**	No Data
Northing/Long.:	8292504 AMG zone: 52	**Runoff:**	No runoff
Easting/Lat.:	659498 Datum: AGD66	**Drainage:**	Poorly drained

Geology

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

Land Form

Rel/Slope Class:	Precipitous mountains >300m >100%	**Pattern Type:**	Plain
Morph. Type:	Flat	**Relief:**	No Data
Elem. Type:	Plain	**Slope Category:**	Very gently sloped
Slope:	%	**Aspect:**	No Data

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification:
Bleached Tenosolic Redoxic Hydrosol Thin Non-gravelly Loamy Sandy Very deep

Mapping Unit: 13
Principal Profile Form: N/A

ASC Confidence:
All necessary analytical data are available.

Great Soil Group: N/A

Site Disturbance:

Vegetation: Low Strata - Tussock grass, 0.51-1m, Mid-dense. *Species includes - Sorghum timorense, Eriachne species

Tall Strata - Tree, 3.01-6m, Mid-dense. *Species includes - Melaleuca viridiflora

Surface Coarse Fragments:

Profile Morphology

A1	0 - 0.03 m	Dark greyish brown (10YR4/2-Moist); , 0-0% ; Loam; Moderate grade of structure, 2-5 mm, Granular; Rough-ped fabric; Common (1-5 per 100mm2) Very fine (0.075-1mm) macropores, Dry; Slightly plastic; Normal plasticity; Non-sticky; Field pH 6.5 (Raupach); Few, very fine (0-1mm) roots;
A2	0.03 - 0.15 m	Greyish brown (10YR5/2-Moist); , 5YR46, 2-10% , 0-5mm, Distinct; Sand; Massive grade of structure; Earthy fabric; Common (1-5 per 100mm2) Very fine (0.075-1mm) macropores, Dry; Non-plastic; Non-sticky; Field pH 6.5 (Raupach); Few, very fine (0-1mm) roots;
B2g	0.15 - 0.4 m	Yellowish brown (10YR5/6-Moist); , 10YR52, 10-20% , 5-15mm, Distinct; Sand; Massive grade of structure; Earthy fabric; Common (1-5 per 100mm2) Very fine (0.075-1mm) macropores, Moderately moist; Non-plastic; Non-sticky; Field pH 6.5 (Raupach); Few, very fine (0-1mm)
B2	0.4 - 0.5 m	Yellowish brown (10YR5/6-Moist); , 10YR52, 10-20% , 5-15mm, Distinct; Sand; Massive grade of structure; Earthy fabric; Common (1-5 per 100mm2) Very fine (0.075-1mm) macropores, Moderately moist; Non-plastic; Non-sticky; Few (2 - 10 %), Ferromanganiferous, Medium (2 -6 mm), Concretions; Field pH 7 (Raupach);
B2x	0.5 - 0.55 m	Grey (10YR6/1-Moist); , 10YR56, 10-20% , 5-15mm, Distinct; Sand; Massive grade of structure; Earthy fabric; Common (1-5 per 100mm2) Very fine (0.075-1mm) macropores, Moderately moist; Non-plastic; Non-sticky; , Weakly cemented, Continuous; Field pH 7 (Raupach);

Morphological Notes

Observation Notes

Site Notes

PHOTO NO; SURFACE - 17, SORGHIM, ..., HYDROSOL, REDOXIC, TENOSOLIC, BLEACHED, THICK, N.GRAVELLY, LOAMY, GRASSY, V.DEEP.

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Laboratory Test Results:

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

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