Project Name: **Bradshaw**
Project Code: **BRD** **Site ID:** **303** **Observation ID:** **1**
Agency Name: **CSIRO Division of Soils (SA)**

Site Information

Desc. By: I. Hollingsworth
Date Desc.: 17/10/96
Map Ref.: Sheet No. : 5067 1:50000
Northing/Long.: 8304162 AMG zone: 52
Easting/Lat.: 689638 Datum: AGD66
Locality:
Elevation: No Data
Rainfall: No Data
Runoff: Very slow
Drainage: Well drained

Geology

ExposureType: Auger boring
Geol. Ref.: Paj
Conf. Sub. is Parent. Mat.: No Data
Substrate Material: Slightly porous, Conglomerate

Land Form

Rel/Slope Class: Undulating rises 9-30m 3-10%
Morph. Type: Lower-slope
Elem. Type: Pediment
Slope: 0.5 %
Pattern Type: Rises
Relief: 0 metres
Slope Category: Very gently sloped
Aspect: No Data

Surface Soil Condition (dry):

Erosion: Active, Minor (sheet)

Soil Classification

Australian Soil Classification:
Palic Lithic Leptic Tenosol Thin Moderately gravelly Loamy Loamy Shallow
Mapping Unit: 7H
Principal Profile Form: N/A
ASC Confidence:
All necessary analytical data are available.
Great Soil Group: N/A

Site Disturbance: No effective disturbance other than grazing by hoofed animals

Vegetation: Low Strata - Tussock grass, 0.26-0.5m, Sparse. *Species includes - TRIODIA SPECIES ?, Plectrachne pungens

Mid Strata - Shrub, 0.51-1m, Mid-dense. *Species includes - None recorded

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

Surface Coarse Fragments: 20-50%, , rounded, Sand

Profile Morphology

A11	0 - 0.03 m	Dark brown (7.5YR3/2-Moist); , 0-0% ; Sandy loam (Light); Massive grade of structure; Earthy fabric; Common (1-5 per 100mm2) Fine (1-2mm) macropores, Dry; Non-plastic; Non-sticky; 20-50%, coarse gravelly, 20-60mm, rounded, Sandstone, coarse fragments; Field pH 7 (Raupach); Common, very fine (0-1mm) roots;
A2	0.03 - 0.15 m	Brown (7.5YR4/4-Moist); , 0-0% ; Sandy loam (Light); Massive grade of structure; Earthy fabric; Common (1-5 per 100mm2) Fine (1-2mm) macropores, Dry; Non-plastic; Non-sticky; 20-50%, coarse gravelly, 20-60mm, rounded, Sandstone, coarse fragments; Field pH 6.5 (Raupach); Common, very fine (0-1mm) roots;
Bw	0.15 - 0.3 m	Yellowish red (5YR4/6-Moist); , 0-0% ; Sandy loam (Light); Earthy fabric; Common (1-5 per 100mm2) Fine (1-2mm) macropores, Dry; Non-plastic; Non-sticky; 50-90%, coarse gravelly, 20-60mm, rounded, Sandstone, coarse fragments; Field pH 6 (Raupach); Common, very fine (0-1mm) roots;
Cr	0.3 - m	, 0-0% ; Dry; Non-plastic; Non-sticky;

Morphological Notes

Observation Notes

Site Notes

PHOTO NO; SURFACE - 18, 20...., E.PHOEMEAIA, SPINAFEX. TENOSOLY, LEPTIC, LITHIC, PALIC, THIN, V.GRAVELLY, LOAMY,LOAMY, SHALLOW.

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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