Project Name: **Warren Reservoir Catchment Survey**
Project Code: **WRN** **Site ID:** **008** **Observation ID:** **1**
Agency Name: **CSIRO Division of Soils (SA)**

Site Information

Desc. By: I. Hollingsworth
Date Desc.: 13/11/90
Map Ref.: 1:10000
Northing/Long.: 6151190 AMG zone: 54
Easting/Lat.: 315580 Datum: AGD66
Locality:
Elevation: 445 metres
Rainfall: No Data
Runoff: Slow
Drainage: Well drained

Geology

ExposureType: Auger boring
Geol. Ref.: No Data
Conf. Sub. is Parent. Mat.: No Data
Substrate Material: Auger boring, 0.8 m deep,Slightly porous, Schist

Land Form

Rel/Slope Class: Undulating low hills 30-90m 3-10%
Morph. Type: Lower-slope
Elem. Type: Footslope
Slope: 8 %
Pattern Type: Hills
Relief: No Data
Slope Category: Gently inclined
Aspect: 280 degrees

Surface Soil Condition (dry): Firm

Erosion:

Soil Classification

Australian Soil Classification:
Hydrosol
ASC Confidence:
Confidence level not specified
Mapping Unit: N/A
Principal Profile Form: Uc1.11
Great Soil Group: Alluvial soil

Site Disturbance: Complete clearing. Pasture, native or improved, but never cultivated

Vegetation: Low Strata - Sod grass, 0.26-0.5m, Closed or dense. *Species includes - None recorded

Tall Strata - Tree, 12.01-20m, Mid-dense. *Species includes - Eucalyptus leucoxylon

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A	0 - 0.3 m	Very dark greyish brown (10YR3/2-Moist); , 0-0% ; Loamy sand; Single grain grade of structure; Dry; Loose consistence; Clear, Smooth change to -
AB	0.3 - 0.4 m	Very dark greyish brown (10YR3/2-Moist); , 0-0% ; Loamy sand; Single grain grade of structure; Moderately moist; Loose consistence; Clear, Smooth change to -
Cg	0.4 - 0.8 m	Grey (10YR6/1-Moist); , 7.5YR58, 10-20% , 5-15mm, Distinct; Sand; Single grain grade of structure; Loose consistence;

Morphological Notes

Observation Notes

Site Notes

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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