Project Name: **Warren Reservoir Catchment Survey**
Project Code: **WRN** **Site ID:** **107** **Observation ID:** **1**
Agency Name: **CSIRO Division of Soils (SA)**

Site Information

Desc. By: I. Hollingsworth
Date Desc.: 25/04/91
Map Ref.: 1:10000
Northing/Long.: 6156760 AMG zone: 54
Easting/Lat.: 319430 Datum: AGD66
Locality:
Elevation: 422 metres
Rainfall: No Data
Runoff: Slow
Drainage: Very poorly drained

Geology

ExposureType: Undisturbed soil core
Geol. Ref.: No Data
Conf. Sub. is Parent. Mat.: No Data
Substrate Material: Undisturbed soil core, 1 m deep,Porous, Clay

Land Form

Rel/Slope Class: Undulating plains <9m 3-10%
Morph. Type: Open depression (vale)
Elem. Type: Drainage depression
Slope: 1 %
Pattern Type: Peneplain
Relief: 5 metres
Slope Category: Very gently sloped
Aspect: 320 degrees

Surface Soil Condition (dry): Firm

Erosion: Minor (sheet)

Soil Classification

Australian Soil Classification:
N/A
ASC Confidence:
Confidence level not specified
Mapping Unit: N/A
Principal Profile Form: N/A
Great Soil Group: Solodized solonetz

Site Disturbance: Complete clearing. Pasture, native or improved, cultivated at some stage

Vegetation:

Tall Strata - Tree, 6.01-12m, Sparse. *Species includes - Pinus radiata

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A1	0 - 0.1 m	; Loose consistence; Clear change to -
A2	0.1 - 0.3 m	; Loose consistence; Sharp change to -
Bh	0.3 - 0.5 m	; Moist; Loose consistence;
B	0.5 - 0.8 m	; Loose consistence;
Bk	0.8 - 1 m	; 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