

Project Name: Warren Reservoir Catchment Survey
Project Code: WRN **Site ID:** 411 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (SA)

Site Information

Desc. By:	I. Hollingsworth	Locality:	
Date Desc.:	24/01/92	Elevation:	409 metres
Map Ref.:	1:10000	Rainfall:	No Data
Northing/Long.:	6158640 AMG zone: 54	Runoff:	Very slow
Easting/Lat.:	312660 Datum: AGD66	Drainage:	Rapidly drained

Geology

ExposureType:	No Data	Conf. Sub. is Parent. Mat.:	Almost certain or certain
Geol. Ref.:	No Data	Substrate Material:	Auger boring, 0.5 m deep,Porous, , Unconsolidated material (unidentified)

Land Form

Rel/Slope Class:	Undulating rises 9-30m 3-10%	Pattern Type:	Rises
Morph. Type:	Crest	Relief:	No Data
Elem. Type:	Terrace flat	Slope Category:	Very gently sloped
Slope:	3 %	Aspect:	250 degrees

Surface Soil Condition (dry): Firm

Erosion: Not apparent (sheet)

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Rudisol		Principal Profile Form:	Uc4.22
ASC Confidence:		Great Soil Group:	Siliceous sand
Confidence level not specified			

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

Vegetation:

Tall Strata - Tree, 3.01-6m, Closed or dense. *Species includes - Pinus radiata

Surface Coarse Fragments: 10-20%, cobbly, 60-200mm, rounded, Quartzite

Profile Morphology

Morphological Notes

Observation Notes

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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	Avail.	Total	Total	Total	Bulk	Particle		Size	Analysis	
m	%	C	P	P	N	K	Density	GV	CS	FS	Silt	Clay
		%	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		
m					g/g -	m3/m3		mm/h	mm/h

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Laboratory Analyses Completed for this profile