

Project Name: Warren Reservoir Catchment Survey
Project Code: WRN **Site ID:** 122 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (SA)

Site Information

Desc. By:	I. Hollingsworth	Locality:	
Date Desc.:	23/04/91	Elevation:	434 metres
Map Ref.:	1:10000	Rainfall:	No Data
Northing/Long.:	6161225 AMG zone: 54	Runoff:	Very slow
Easting/Lat.:	316590 Datum: AGD66	Drainage:	Well drained

Geology

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

Land Form

Rel/Slope Class:	Undulating plains <9m 3-10%	Pattern Type:	Penepplain
Morph. Type:	Flat	Relief:	2 metres
Elem. Type:	Valley flat	Slope Category:	Level
Slope:	1 %	Aspect:	210 degrees

Surface Soil Condition (dry): Soft

Erosion: Minor or present (wind);

Soil Classification

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

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

Vegetation: Low Strata - Sod grass, 0.26-0.5m, Closed or dense. *Species includes - Phalaris aquatica
Tall Strata - Tree, 12.01-20m, Isolated plants. *Species includes - Eucalyptus viminalis

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A1 0 - 0.5 m ; Single grain grade of structure; Moderately moist; Loose consistence; Clear, Smooth change to -

A2 0.5 - 1 m ; Single grain grade of structure; Moist; Loose consistence;

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	15 Bar		
m					g/g -	m3/m3			mm/h	mm/h

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Laboratory Analyses Completed for this profile