

Project Name: Warren Reservoir Catchment Survey
Project Code: WRN **Site ID:** 105 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (SA)

Site Information

Desc. By:	I. Hollingsworth	Locality:	
Date Desc.:	29/04/91	Elevation:	395 metres
Map Ref.:	1:10000	Rainfall:	No Data
Northing/Long.:	6155340 AMG zone: 54	Runoff:	Slow
Easting/Lat.:	312340 Datum: AGD66	Drainage:	Imperfectly drained

Geology

ExposureType:	Undisturbed soil core	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	No Data	Substrate Material:	Undisturbed soil core, 0.8 m deep,Porous, Clay

Land Form

Rel/Slope Class:	Undulating low hills 30-90m 3-10%	Pattern Type:	Hills
Morph. Type:	Flat	Relief:	No Data
Elem. Type:	Valley flat	Slope Category:	Level
Slope:	1 %	Aspect:	320 degrees

Surface Soil Condition (dry): Firm

Erosion: Minor (sheet)

Soil Classification

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

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

Vegetation: Low Strata - Sod grass, <0.25m, Closed or dense. *Species includes - None recorded

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A1	0 - 0.1 m	; Loose consistence;
A1	0.1 - 0.2 m	; Loose consistence; Clear change to -
A2	0.2 - 0.3 m	; Loose consistence; Sharp change to -
A3	0.3 - 0.4 m	; Loose consistence; Sharp change to -
Bt	0.4 - 0.5 m	; Loose consistence; Sharp change to -
B	0.5 - 0.8 m	; Loose consistence; Gradual change to -
Bc	0.8 - 1 m	; Loose consistence;

Morphological Notes

Observation Notes

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Laboratory Test Results:

Depth	pH	1:5 EC	Exchangeable Cations			Exchangeable Acidity	CEC	ECEC	ESP
m		dS/m	Ca	Mg	K	Na			
						Cmol (+)/kg			%

Depth	CaCO3	Organic C	Avail. P	Total P	Total N	Total K	Bulk Density	Particle Size	Analysis
m	%	%	mg/kg	%	%	%	Mg/m3	GV CS FS	Silt Clay
								%	

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