

Project Name: Warren Reservoir Catchment Survey
Project Code: WRN **Site ID:** 037 **Observation ID:** 2
Agency Name: CSIRO Division of Soils (SA)

Site Information

Desc. By:	I. Hollingsworth	Locality:	
Date Desc.:	26/11/90	Elevation:	424 metres
Map Ref.:	1:10000	Rainfall:	No Data
Northing/Long.:	6158220 AMG zone: 54	Runoff:	Moderately rapid
Easting/Lat.:	319020 Datum: AGD66	Drainage:	Moderately well drained

Geology

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

Land Form

Rel/Slope Class:	Gently undulating rises 9-30m 1-3%	Pattern Type:	Rises
Morph. Type:	Mid-slope	Relief:	No Data
Elem. Type:	Hillslope	Slope Category:	Very gently sloped
Slope:	2 %	Aspect:	180 degrees

Surface Soil Condition (dry):

Erosion: Minor or present (wind);

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Chromosol		Principal Profile Form:	Dy3.21
ASC Confidence:		Great Soil Group:	Yellow podzolic soil
Confidence level not specified			

Site Disturbance:

Vegetation:

Surface Coarse Fragments:

Profile Morphology

A1	0 - 0.2 m	Brown (7.5YR4/2-Moist); Brown (7.5YR5/2-Dry); , 0-0% ; Clayey sand; Single grain grade of structure; Fine, (0 - 5) mm crack; Few (<1 per 100mm2) Very fine (0.075-1mm) macropores, Dry; Very weak consistence;
A2	0.2 - 0.3 m	Brown (10YR4/3-Moist); Brown (10YR5/3-Dry); , 10YR58, 2-10% , 0-5mm, Faint; Clayey sand; Single grain grade of structure; Moderately moist; Loose consistence;
Bt	0.3 - 0.4 m	Greyish brown (10YR5/2-Moist); , 0-0% ; Medium clay; Moderate grade of structure; Wet; Loose consistence;
Bt	0.4 - 0.7 m	Light brownish grey (10YR6/2-Moist); , 2.5YR46, 10-20% , 5-15mm, Distinct; , 10YR58; Medium heavy clay; Single grain grade of structure; Wet; Loose consistence;
Bt	0.7 - 0.8 m	White (10YR8/1-Moist); , 10R36, 10-20% , 15-30mm, Prominent; , 7.5YR58; Heavy clay; Single grain grade of structure; Loose consistence;
C	0.8 - m	White (7.5YR8/0-Moist); , 10R36, 10-20% , 15-30mm, Prominent; Fine sandy clay; Single grain grade of structure; Loose consistence;

Morphological Notes

Observation Notes

Site Notes

Project Name: Warren Reservoir Catchment Survey

Project Code: WRN

Agency Name: CSIRO Division of Soils (SA)

Site ID: 037

Observation ID: 2

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

Project Name: Warren Reservoir Catchment Survey
Project Code: WRN Site ID: 037 Observation ID: 2
Agency Name: CSIRO Division of Soils (SA)

Laboratory Analyses Completed for this profile