Project Name: **Warren Reservoir Catchment Survey**
Project Code: **WRN** **Site ID:** **149** **Observation ID:** **1**
Agency Name: **CSIRO Division of Soils (SA)**

Site Information

Desc. By: Bruce Billing
Date Desc.: 07/08/73
Map Ref.: 1:10000
Northing/Long.: 6149900 AMG zone: 54
Easting/Lat.: 312000 Datum: AGD66
Locality:
Elevation: 475 metres
Rainfall: No Data
Runoff: Rapid
Drainage: Moderately well drained

Geology

ExposureType: Auger boring
Geol. Ref.: No Data
Conf. Sub. is Parent. Mat.: No Data
Substrate Material: 1.1 m deep,No Data

Land Form

Rel/Slope Class: Rolling hills 90-300m 10-32%
Morph. Type: Upper-slope
Elem. Type: Hillslope
Slope: 9 %
Pattern Type: Hills
Relief: No Data
Slope Category: Gently inclined
Aspect: 180 degrees

Surface Soil Condition (dry):

Erosion:

Soil Classification

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

Site Disturbance:

Vegetation:

Surface Coarse Fragments:

Profile Morphology

A1	0 - 0.1 m	Brown (7.5YR4/2-Moist); ;
A	0.1 - 0.2 m	Brown (7.5YR4/2-Moist); ; Diffuse change to -
A2	0.2 - 0.3 m	Brown (7.5YR5/4-Moist); Light brown (7.5YR6/4-Dry); ; Sharp change to -
B	0.3 - 0.4 m	Reddish brown (5YR5/4-Moist); ;
B	0.4 - 0.5 m	Reddish brown (5YR5/4-Moist); ;
C	0.5 - 0.6 m	Reddish yellow (7.5YR6/6-Moist); ;
C	0.6 - 0.7 m	Reddish yellow (7.5YR6/6-Moist); ;
C	0.7 - 0.8 m	Reddish yellow (7.5YR6/6-Moist); ;
C	0.8 - 0.9 m	Reddish yellow (7.5YR6/6-Moist); ;
C	0.9 - 1 m	Brownish yellow (10YR6/5-Moist); ;

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