

Project Name: Warren Reservoir Catchment Survey
Project Code: WRN **Site ID:** 082 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (SA)

Site Information

Desc. By:	I. Hollingsworth	Locality:	
Date Desc.:	18/12/90	Elevation:	455 metres
Map Ref.:	1:10000	Rainfall:	No Data
Northing/Long.:	6154270 AMG zone: 54	Runoff:	Moderately rapid
Easting/Lat.:	319040 Datum: AGD66	Drainage:	Well drained

Geology

Exposure Type:	Undisturbed soil core	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	No Data	Substrate Material:	Undisturbed soil core, 0.6 m deep, Porous, Sandstone

Land Form

Rel/Slope Class:	Rolling hills 90-300m 10-32%	Pattern Type:	Hills
Morph. Type:	Lower-slope	Relief:	No Data
Elem. Type:	Hillslope	Slope Category:	Gently inclined
Slope:	8 %	Aspect:	10 degrees

Surface Soil Condition (dry): Firm

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Rudisol		Principal Profile Form:	Uc3.12
ASC Confidence:		Great Soil Group:	Siliceous sand
Confidence level not specified			

Site Disturbance: Complete clearing. Pasture, native or improved, but never cultivated

Vegetation:

Surface Coarse Fragments: 2-10%, medium gravelly, 6-20mm, angular, Quartz

Profile Morphology

O	0 - 0.02 m	Organic Layer; , 0-0% ; Single grain grade of structure; Fine, (0 - 5) mm crack; Many (>5 per 100mm ²) macropores; Dry; Loose consistence; Sharp, Smooth change to -
A1	0.02 - 0.06 m	Dark brown (10YR3/3-Moist); Light brownish grey (10YR6/2-Dry); , 0-0% ; Sandy loam; Massive grade of structure; Moderately moist; Loose consistence; Clear, Smooth change to -
A2	0.06 - 0.13 m	Brown (10YR5/3-Moist); Very pale brown (10YR7/3-Dry); , 0-0% ; Loamy sand; Single grain grade of structure; Moist; Loose consistence; Sharp, Smooth change to -
2A1	0.13 - 0.3 m	Brown (10YR4/3-Moist); Light grey (10YR7/2-Dry); , 0-0% ; Loamy sand; Single grain grade of structure; Wet; Loose consistence; Clear, Smooth change to -
2A2	0.3 - 0.4 m	Brown (10YR5/3-Moist); Very pale brown (10YR7/3-Dry); , 0-0% ; Loamy sand; Single grain grade of structure; Loose consistence; Sharp, Smooth change to -
Bw	0.4 - 0.55 m	Strong brown (7.5YR5/8-Moist); Reddish yellow (7.5YR7/6-Dry); , 10R48, 2-10% , 5-15mm, Distinct; Clayey sand; Single grain grade of structure; Loose consistence;

Morphological Notes

Observation Notes

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Laboratory Analyses Completed for this profile