

Project Name: Lakes District, S.A.
Project Code: LD1 **Site ID:** A411 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (SA)

Site Information

Desc. By:	Malcolm J. Wright	Locality:	
Date Desc.:	24/09/56	Elevation:	No Data
Map Ref.:	Sheet No. : SI54-13 1:250000	Rainfall:	No Data
Northing/Long.:		Runoff:	No Data
Easting/Lat.:		Drainage:	No Data

Geology

ExposureType:	No Data	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	No Data	Substrate Material:	No Data

Land Form

Rel/Slope Class:	Gently undulating plains <9m 1-3%	Pattern Type:	No Data
Morph. Type:	No Data	Relief:	No Data
Elem. Type:	No Data	Slope Category:	No Data
Slope:	%	Aspect:	No Data

Surface Soil Condition (dry):

Erosion:

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:

Vegetation:

Surface Coarse Fragments:

Profile Morphology

A1	0 - 0.1 m	Brown (7.5YR5/4-Moist); ; Coarse sandy loam; Single grain grade of structure; Very weak consistence; Sharp change to -
B1	0.1 - 0.17 m	Reddish brown (5YR4/4-Moist); ; Medium clay; Moderate grade of structure, 10-20 mm, Angular blocky; Very weak consistence; Sharp change to -
B2	0.17 - 0.3 m	Reddish yellow (7.5YR6/6-Moist); ; Medium clay; 2-5 mm, Angular blocky; Very weak consistence; Common (10 - 20 %), Calcareous, , Soft segregations; Diffuse change to -
Bk	0.3 - 0.43 m	Reddish yellow (7.5YR6/6-Moist); ; Medium clay; Very weak consistence; Many (20 - 50 %), Calcareous, , Soft segregations; Common (10 - 20 %), Gypseous, , ;
BC	0.43 - 0.91 m	Light olive grey (5Y6/2-Moist); ; Medium clay; Strong grade of structure, Angular blocky; Very weak consistence; Few (2 - 10 %), Calcareous, , Soft segregations; Very few (0 - 2 %), Gypseous, , ;
	1.04 - 1.27 m	Dark yellowish brown (10YR4/8-Moist); ; Medium clay; Very weak consistence; Very few (0 - 2 %), Calcareous, , Soft segregations;
	1.57 - 1.75 m	Dark yellowish brown (10YR4/8-Moist); ; Medium clay; Very weak consistence; Very few (0 - 2 %), Calcareous, , Soft segregations;

Morphological Notes

Observation Notes

No Observ. recorded added by JACD

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Laboratory Test Results:

Depth	pH	1:5 EC	Ca	Exchangeable Mg	Cations K	Na	Exchangeable Acidity	CEC	ECEC	ESP
m		dS/m				Cmol	(+)/kg			%
0 - 0.1	7.6H	0.021C								
0.1 - 0.17	8.4H	0.03C								
0.17 - 0.3	9.1H	0.069C								
0.3 - 0.43	9.6H	0.1C								
0.43 - 0.91	9.9H	0.2C								
1.04 - 1.27	9.6H	0.36C								
1.57 - 1.75	9.4H	0.4C								

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Laboratory Analyses Completed for this profile

19B_NR	Calcium Carbonate (CaCO3) - Not recorded
2_LOI	Loss on Ignition (%)
2A1	Air-dry moisture content
3A_TSS	Electrical conductivity or soluble salts - Total soluble salts %
4_NR	pH of soil - Not recorded
5_NR	Water soluble Chloride - Cl(%) - Not recorded
7_NR	Total nitrogen (%) - Not recorded
9A_NR	Total element - P(%) - Not recorded
P10_NR_C	Clay (%) - Not recorded
P10_NR_CS	Coarse sand (%) - Not recorded
P10_NR_FS	Fine sand (%) - Not recorded
P10_NR_Z	Silt (%) - Not recorded