

Project Name: Lakes District, S.A.
Project Code: LD1 **Site ID:** A238 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (SA)

Site Information

Desc. By:	C.J. de Mooy	Locality:	
Date Desc.:	10/11/55	Elevation:	No Data
Map Ref.:	Sheet No. : SI54-13	Rainfall:	0
Northing/Long.:	138.740555555556	Runoff:	Very slow
Easting/Lat.:	-35.5019444444445	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:	No Data	Pattern Type:	No Data
Morph. Type:	No Data	Relief:	No Data
Elem. Type:	No Data	Slope Category:	No Data
Slope:	0 %	Aspect:	No Data

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification:	Mapping Unit:	N/A
Epihypersodic-Endocalcareous Self-Mulching Red Vertosol	Principal Profile Form:	N/A
ASC Confidence:	Great Soil Group:	Grey clay
All necessary analytical data are available.		

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

Vegetation: Low Strata - , , . *Species includes - None recorded

Surface Coarse Fragments:

Profile Morphology

AB	0 - 0.11 m	Dark reddish brown (5YR3/2-Moist); ; Medium clay; 2-5 mm, Granular; Very firm consistence; Moderately plastic; Diffuse change to -
B1	0.11 - 0.3 m	Dark reddish brown (5YR3/2-Moist); ; Medium clay; , Angular blocky; ManyDiffuse change to -
B2	0.35 - 0.42 m	Brown (7.5YR4/4-Moist); ; Medium clay; , Angular blocky; Very firm consistence; Moderately plastic; Very few (0 - 2 %), Calcareous, , Soft segregations; Diffuse change to -
Bk	0.42 - 0.55 m	Brown (10YR5/3-Moist); ; Medium clay; 10-20 mm, Angular blocky; 5-10 mm, Angular blocky; Very firm consistence; Moderately plastic; Common (10 - 20 %), Calcareous, , Soft segregations; Diffuse change to -
C	0.55 - 0.73 m	Yellowish brown (10YR5/6-Moist); ; Medium clay; Very firm consistence; Moderately plastic;
C	1.29 - 1.5 m	Brownish yellow (10YR6/6-Moist); ; Medium clay; Very few (0 - 2 %), Calcareous, , Soft segregations;

Morphological Notes

Observation Notes

Site Notes

GOOLWA

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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 - 0.11	8.9H	0.069C								
0.11 - 0.3	9H	0.056C								
0.35 - 0.42	9.3H	0.18C								
0.42 - 0.55	9.5H	0.25C	0.7K	1.2	0.2	18.4				
0.55 - 0.73	9.4H	0.33C								
1.29 - 1.52	9.1H	0.76C								

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Laboratory Analyses Completed for this profile

15_NR_CA	Exch. basic cations (Ca++) - meq per 100g of soil - Not recorded
15_NR_K	Exch. basic cations (K++) - meq per 100g of soil - Not recorded
15_NR_MG	Exch. basic cations (Mg++) - meq per 100g of soil - Not recorded
15_NR_NA	Exch. basic cations (Na++) - meq per 100g of soil - Not recorded
19B_NR	Calcium Carbonate (CaCO ₃) - 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
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