Project Name: **Lakes District, S.A.**
Project Code: **LD1** **Site ID:** **A234** **Observation ID:** **1**
Agency Name: **CSIRO Division of Soils (SA)**

Site Information

Desc. By:	C.J. de Mooy	**Locality:**	
Date Desc.:	09/11/55	**Elevation:**	No Data
Map Ref.:	Sheet No. : SI54-13 1:250000	**Rainfall:**	0
Northing/Long.:	138.950833333333	**Runoff:**	Rapid
Easting/Lat.:	-35.4836111111111	**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
Calcareous Regolithic Bleached-Leptic Tenosol **Principal Profile Form:** N/A
ASC Confidence: **Great Soil Group:** N/A
Analytical data are incomplete but reasonable confidence.

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

Vegetation:

Surface Coarse Fragments:

Profile Morphology

A1	0 - 0.06 m	Dark greyish brown (10YR4/2-Moist); ; Sand; Single grain grade of structure; Loose
A1	0.06 - 0.15 m	Greyish brown (10YR5/2-Moist); ; Sand; Single grain grade of structure; Loose consistence; Sharp change to -
A1	0.15 - 0.38 m	Dark greyish brown (10YR4/2-Moist); ; Sand; Single grain grade of structure; Loose consistence; Diffuse change to -
A2	0.38 - 0.76 m	Pale brown (10YR6/3-Moist); Very pale brown (10YR7/3-Dry); ; Sand; Single grain grade of structure; Loose consistence; Diffuse change to -
Bk	0.78 - 0.81 m	Pale brown (10YR6/3-Moist); Very pale brown (10YR7/3-Dry); ;

Morphological Notes

Observation Notes

Site Notes

CO.HINDMARSH

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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							%
0 - 0.06	7.3H	0.2C	2.6K	0.8	0.21	0.14				
0.06 - 0.31	7.4H	0.013C								
0.31 - 0.38	7.2H	0.009C								
0.38 - 0.76	7.4H	0.007C								
0.78 - 0.81										

Depth	CaCO3	Organic C	Avail. P	Total P	Total N	Total K	Bulk Density	Particle Size Analysis GV	CS	FS	Silt	Clay
m	%	%	mg/kg	%	%	%	Mg/m3			%		
0 - 0.06					0.059B				62C	35	0	2
0.06 - 0.31												
0.31 - 0.38												
0.38 - 0.76					0.01B				56C	42	0	1
0.78 - 0.81												

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
0 - 0.06										
0.06 - 0.31										
0.31 - 0.38										
0.38 - 0.76										
0.78 - 0.81										

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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
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 recordede
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