

Project Name: Co. Grey Rec., S.A.
Project Code: GR1 **Site ID:** A273 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (SA)

Site Information

Desc. By:	G. Blackburn	Locality:	
Date Desc.:	11/04/56	Elevation:	15 metres
Map Ref.:		Rainfall:	710
Northing/Long.:	140.156111111111	Runoff:	Slow
Easting/Lat.:	-37.417777777778	Drainage:	Imperfectly drained

Geology

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

Land Form

Rel/Slope Class:	Level plain <9m <1%	Pattern Type:	Plain
Morph. Type:	Closed Depression	Relief:	1 metres
Elem. Type:	Swamp	Slope Category:	Level
Slope:	0 %	Aspect:	No Data

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Eutrophic Chromosolic Oxyaquic Hydrosol		Principal Profile Form:	N/A
ASC Confidence:		Great Soil Group:	Solonetz

Analytical data are incomplete but reasonable confidence.

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

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

Surface Coarse Fragments:

Profile Morphology

0 - 0.05 m	Very dark grey (10YR3/1-Moist); ; Clay loam; , Granular; Weak consistence;
0.05 - 0.15 m	Very dark grey (10YR3/1-Moist); ; Medium clay; , Prismatic; Coarse, (10 - 20) mm crack; Very firm consistence;
0.18 - 0.28 m	; Very many (50 - 100 %), Calcareous, , Concretions;

Morphological Notes

flinty limestone: contains shells

Observation Notes

PRISMATIC CLAY SUBSOIL QUITE DISTINCT: MAYBE A-B CONTRAST HAS BEEN DISTURBED BY CULTIVATION:

Site Notes

GREY

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Laboratory Test Results:

[illegible][illegible][illegible]

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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
17A_NR	Total element - K(%) - 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