

Project Name: Co. Grey Rec., S.A.
Project Code: GR1 Site ID: A306 Observation ID: 1
Agency Name: CSIRO Division of Soils (SA)

Site Information

Desc. By:	G. Blackburn	Locality:	
Date Desc.:	19/04/56	Elevation:	63 metres
Map Ref.:		Rainfall:	610
Northing/Long.:	140.859444444444	Runoff:	Moderately rapid
Easting/Lat.:	-37.3380555555556	Drainage:	Imperfectly drained

Geology

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

Land Form

Rel/Slope Class:	Undulating plains <9m 3-10%	Pattern Type:	Plain
Morph. Type:	Flat	Relief:	5 metres
Elem. Type:	Plain	Slope Category:	Gently inclined
Slope:	0 %	Aspect:	0 degrees

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification:	Mapping Unit:	N/A
Mottled Supracalcic Black Dermosol	Principal Profile Form:	N/A
ASC Confidence:	Great Soil Group:	Rendzina

Analytical data are incomplete but reasonable confidence.

Site Disturbance: Limited clearing, for example selective logging

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

Surface Coarse Fragments:

Profile Morphology

A	0 - 0.1 m	Very dark greyish brown (10YR3/2-Moist); ; Sandy clay loam; , Granular; Weak consistence; Diffuse change to -
B1	0.15 - 0.2 m	Dark greyish brown (10YR4/2-Moist); ; Medium clay; Very weak consistence;
B2	0.38 - 0.51 m	Dark brown (7.5YR3/2-Moist); ; Medium clay; Very weak consistence; Diffuse change to -
B2	0.6 - 0.65 m	Dark greyish brown (10YR4/2-Moist); , 5YR64; Medium clay; Very weak consistence; Diffuse change to -
C	0.65 - 0.7 m	Light reddish brown (5YR6/4-Moist); ; Firm consistence;

Morphological Notes

Observation Notes

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
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