

Project Name: Co. Grey Rec., S.A.
Project Code: GR1 **Site ID:** A268 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (SA)

Site Information

Desc. By:	G. Blackburn	Locality:	SHELLS IN PROFILE ARE MAINLY LENAMERIA: CULTIVATED: SOME GRAZING:
Date Desc.:	10/04/56	Elevation:	11 metres
Map Ref.:		Rainfall:	650
Northing/Long.:	140.0125	Runoff:	No runoff
Easting/Lat.:	-37.3355555555556	Drainage:	Very poorly 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:	Rolling rises 9-30m 10-32%	Pattern Type:	Rises
Morph. Type:	Closed Depression	Relief:	15 metres
Elem. Type:	Swamp	Slope Category:	Very gently sloped
Slope:	0 %	Aspect:	No Data

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Available Class Inappropriate Calcarosolic Oxyaquic Hydrosol		Principal Profile Form:	N/A

ASC Confidence:

Analytical data are incomplete but reasonable confidence.

Great Soil Group:

Rendzina

Site Disturbance: No effective disturbance other than grazing by hoofed animals

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

Surface Coarse Fragments:

Profile Morphology

0 - 0.1 m	Dark grey (10YR4/1-Moist); ; Loam (Fibric); , Granular; Weak consistence; 2-10%, Shells, coarse fragments; Few (2 - 10 %), Calcareous, , Soft segregations; Abundant, coarse (>5mm)
0.1 - 0.2 m	Black (10YR2/1-Moist); , 10YR41; Clay loam; Very weak consistence; 20-50%, Shells, coarse fragments; , Calcareous, , Soft segregations;
0.2 - 0.35 m	Black (10YR2/1-Moist); ; Silty medium clay; , Angular blocky; Very firm consistence; , Calcareous, , Soft segregations;
0.35 - 0.51 m	Grey (10YR6/1-Moist); , 10YR71; Silty medium clay; , Angular blocky; Very firm consistence; , Calcareous, , Soft segregations;
0.51 - 0.84 m	Grey (10YR6/1-Moist); ; Silty medium clay; , Angular blocky; Very firm consistence; , Calcareous, , Soft segregations;

Morphological Notes

Observation Notes

Site Notes

GREY

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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	8.2H	0.42C								
0.1 - 0.2	8.1H	0.44C								
0.2 - 0.35	8.3H	0.35C								
0.35 - 0.51	8.6H	0.28C								
0.51 - 0.84	8.7H	0.23C								

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Laboratory Analyses Completed for this profile

17A_NR	Total element - K(%) - 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
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