

**Project Name:** Co. Grey Rec., S.A.  
**Project Code:** GR1      **Site ID:** A266      **Observation ID:** 1  
**Agency Name:** CSIRO Division of Soils (SA)

**Site Information**

<b>Desc. By:</b>	G. Blackburn	<b>Locality:</b>	
<b>Date Desc.:</b>	10/04/56	<b>Elevation:</b>	6 metres
<b>Map Ref.:</b>		<b>Rainfall:</b>	650
<b>Northing/Long.:</b>	139.8675	<b>Runoff:</b>	Rapid
<b>Easting/Lat.:</b>	-37.319722222222	<b>Drainage:</b>	Well drained

**Geology**

<b>ExposureType:</b>	No Data	<b>Conf. Sub. is Parent. Mat.:</b>	No Data
<b>Geol. Ref.:</b>	No Data	<b>Substrate Material:</b>	No Data

**Land Form**

<b>Rel/Slope Class:</b>	Undulating plains <9m 3-10%	<b>Pattern Type:</b>	Dunefield
<b>Morph. Type:</b>	Ridge	<b>Relief:</b>	2 metres
<b>Elem. Type:</b>	Dune	<b>Slope Category:</b>	Very gently sloped
<b>Slope:</b>	0 %	<b>Aspect:</b>	No Data

**Surface Soil Condition (dry):**

**Erosion:** Minor or present (wind);

**Soil Classification**

<b>Australian Soil Classification:</b>		<b>Mapping Unit:</b>	N/A
Hyperbasal Regolith Hypercalcareous Calcarosol		<b>Principal Profile Form:</b>	N/A
<b>ASC Confidence:</b>		<b>Great Soil Group:</b>	Calcareous sand
Analytical data are incomplete but reasonable confidence.			

**Site Disturbance:**

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

**Surface Coarse Fragments:**

**Profile Morphology**

A	0 - 0.08 m	Dark grey (10YR4/1-Moist); ; Sand; Very weak consistence; Many (20 - 50 %), Calcareous, , Soft segregations; Abundant, very fine (0-1mm) roots; Diffuse change to -
BC	0.08 - 0.23 m	; Sand; Very weak consistence; Many (20 - 50 %), Calcareous, , Soft segregations; ManyDiffuse change to -
C	0.23 - 0.4 m	Light brownish grey (10YR6/2-Moist); Light grey (10YR7/2-Dry); ; Sand; Very weak consistence; Many (20 - 50 %), Calcareous, , Soft segregations; CommonDiffuse change to -

**Morphological Notes**

**Observation Notes**

VERY SMALL BROKEN SHELLS THROUGHOUT

**Site Notes**

GREY

**Observation ID: 1**

Agency Name: CSIRO Division of Soils (SA)

**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 - 0.08	8.6H	0.042C								
0.08 - 0.23	8.9H	0.034C								
0.23 - 0.4	9.1H	0.028C								

Depth	CaCO3	Organic	Avail.	Total	Total	Total	Bulk	Particle		Size	Analysis	
m	%	C	P	P	N	K	Density	GV	CS	FS	Silt	Clay
		%	mg/kg	%	%	%	Mg/m3			%		
0 - 0.08	81C			0.052F	0.15B	0.03B						
0.08 - 0.23	83C											
0.23 - 0.4	82C				0.031B							

[illegible]

**Project Name:** Co. Grey Rec., S.A.  
**Project Code:** GR1                      **Site ID:** A266                      **Observation ID:** 1  
**Agency Name:** CSIRO Division of Soils (SA)

**Laboratory Analyses Completed for this profile**

17A_NR	Total element - K(%) - Not recorded
19B_NR	Calcium Carbonate (CaCO <sub>3</sub> ) - Not recorded
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