**Project Name:** Co. Grey Rec., S.A.

**Project Code:** Site ID: A306 Observation ID: 1 GR1

Agency Name: **CSIRO Division of Soils (SA)** 

**Site Information** 

Locality: G. Blackburn

Desc. By: Date Desc.: Elevation: 19/04/56 63 metres Map Ref.: Rainfall: 610

Northing/Long.: 140.85944444444 Runoff: Moderately rapid Easting/Lat.: -37.338055555556 Drainage: Imperfectly drained

Geology

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

**Land Form** 

Rel/Slope Class: Undulating plains <9m 3-10% Pattern Type: Plain Morph. Type: Elem. Type: Relief: 5 metres Plain **Slope Category:** Gently inclined 0 % Slope: 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 Low Strata - , , . \*Species includes - None recorded **Vegetation:** 

Tall Strata - , , . \*Species includes - None Recorded

### **Surface Coarse Fragments:**

## **Profile Morphology**

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

## **Morphological Notes Observation Notes**

**Site Notes** 

**GREY** 

Project Name: Project Code: Agency Name:

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

# **Laboratory Test Results:**

Laboratory	rest Re	esuits:										
Depth	рН	1:5 EC		hangeable Mg	Cations K		nangeable Acidity	CEC	E	CEC		ESP
m		dS/m				Cmol (+)/kg						%
0 - 0.1	7.3H	0.005C	19K	1.5	0.83	0.22						
0.15 - 0.2	7.2H	0.023C										
0.38 - 0.51	7H	0.062C	27K	4.6	2.5	0.62						
0.6 - 0.65	8.6H	0.096C										
0.65 - 0.7												
Depth	CaCO3	Organic	Avail.	Total	Total	Total	Bulk	Pa	rticle S	Size /	Analysi	s
•		c	Р	Р	N	K	Density	G۷	cs	FS	Silt	Clay
m	%	%	mg/kg	%	%	%	Mg/m3			%		
0 - 0.1				0.025F	-				25C	48	13	
0.15 - 0.2				0.013F	0.14	4B 0.52B			21C	35	11	32
0.38 - 0.51	200								11C	25	12	50
0.6 - 0.65 0.65 - 0.7	39C											
0.65 - 0.7												
Depth	COLE	_				ater Content		_	K sat	Ċ	K unsa	t
m		Sat.	0.05 Bar	0.1 Bar	0.5 Bar  - m3/m3		Bar 15	Bar	mm/h		mm/h	
""				9/9	-    3/   3	•			11111/1	1	111111/11	
0 - 0.1												
0.15 - 0.2												
0.38 - 0.51												
0.6 - 0.65												
0.65 - 0.7												

**Project Name:** Co. Grey Rec., S.A.

**Project Code:** GR1 Site ID: A306 Observation ID: 1

Agency Name: **CSIRO** Division of Soils (SA)

#### **Laboratory Analyses Completed for this profile**

Exch. basic cations (Ca++) - meq per 100g of soil - Not recorded Exch. basic cations (K++) - meq per 100g of soil - Not recorded 15\_NR\_CA 15\_NR\_K 15\_NR\_MG Exch. basic cations (Mg++) - meg per 100g of soil - Not recorded Exch. basic cations (Na++) - meq per 100g of soil - Not recorded Total element - K(%) - Not recorded 15 NR NA

17A\_NR

19B\_NR Calcium Carbonate (CaCO3) - Not recorded

2 LOI Loss on Ignition (%) Air-dry moisture content 2A1

3A\_TSS Electrical conductivity or soluble salts - Total soluble salts %

4\_NR pH of soil - Not recorded

Water soluble Chloride - Cl(%) - Not recordede

5\_NR 7\_NR Total nitrogen (%) - Not recorded
Total element - P(%) - Not recorded 9A\_NR

P10\_NR\_C Clay (%) - Not recorded

P10\_NR\_CS P10\_NR\_FS Coarse sand (%) - Not recorded Fine sand (%) - Not recorded P10\_NR\_Z Silt (%) - Not recorded