Co. Robe Rec. & MacDonnell, S.A. **Project Name:**

Project Code: Site ID: Observation ID: 1 RM1 A627

CSIRO Division of Soils (SA) Agency Name:

Site Information

G. Blackburn Locality:

Desc. By: Date Desc.: Elevation: 23/04/59 No Data Map Ref.: Rainfall: Northing/Long.: Runoff: 140.26277778 Slow

-36.49888889 Poorly drained Easting/Lat.: Drainage:

Geology

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

Land Form

Rel/Slope Class: Level plain <9m <1% Pattern Type: Plain Morph. Type: Flat Relief: 0 metres

Very gently sloped Elem. Type: Slope Category: Plain

0 % Aspect: No Data Slope:

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification: Mapping Unit: N/A Calcic Mesonatric Class Undetermined Sodosol **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

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

Mid Strata - Heath shrub, , . *Species includes - None recorded Tall Strata - Tree, 3.01-6m, . *Species includes - None Recorded

Surface Coarse Fragments:

Profile Morphology

0 - 0.05 m ; Sandy loam; Weak grade of structure, Granular; Weak consistence; Diffuse change to -

В1 0.06 - 0.11 m ; Sandy medium clay; 10-20 mm, Columnar; Very firm consistence;

0.14 - 0.2 m B2 ; Medium clay; , Columnar; Very weak consistence; Few (2 - 10 %), Calcareous, , Soft

segregations;

С 0.23 - 0.28 m ; Medium clay; Few (2 - 10 %), Calcareous, , Soft segregations;

Morphological Notes

Observation Notes

6-11CM CLAY SKINS: 14-20CM FEW CLAY SKINS:

Site Notes

MACDONNELL

Project Name: Project Code: Agency Name: Co. Robe Rec. & MacDonnell, S.A.

RM1 Site ID: A627 CSIRO Division of Soils (SA) Observation ID: 1

Laboratory Test Results:

Depth	рН	1:5 EC		nangeable ⁄lg	Cations K	Na	Exchangeable Acidity	CEC	E	CEC	ESP
m		dS/m	ou ii	"9		Cmol (+	•				%
0 - 0.05 0.06 - 0.11 0.14 - 0.2 0.23 - 0.28	9.1H 9.3H 8.8H 9H	0.44C 0.17C 0.31C 0.39C	9.5K	11	1	5					
Depth m	CaCO3	Organic C %	Avail. P mg/kg	Total P %	Total N %	Total K %	Bulk Density Mg/m3	Pai GV	CS I	ize Analy FS Sil %	vsis t Clay
0 - 0.05 0.06 - 0.11	0.470 0.030			0.008F	0.1 0.1	-	1B		12C	68	7 7
0.14 - 0.2 0.23 - 0.28	11C 24C			0.006F	_		8B		7C	48	3 30
Depth	COLE	0.1	Gravimetric/Volumetric Water Contents K sat K unsat								
m		Sat.	0.05 Bar	0.1 Bar g/g	0.5 Bar g - m3/m	1 Bar 3	5 Bar 1	5 Bar	mm/h	mm	ı/h

0 - 0.05 0.06 - 0.11 0.14 - 0.2 0.23 - 0.28

Co. Robe Rec. & MacDonnell, S.A. **Project Name:**

Project Code: RM1 Site ID: A627 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 15_NR_NA Exch. basic cations (Mg++) - meq per 100g of soil - Not recorded Exch. basic cations (Na++) - meq per 100g of soil - Not recorded

17A_NR

Total element - K(%) - Not recorded Calcium Carbonate (CaCO3) - Not recorded 19B_NR

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