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

Project Code: Site ID: Observation ID: 1 RM1 A648

Agency Name: CSIRO Division of Soils (SA)

Site Information

G. Blackburn Desc. By: Locality:

Date Desc.: Elevation: No Data 19/06/59 Map Ref.: Rainfall: Northing/Long.: Runoff: 139.81277778 Rapid Easting/Lat.: -37.16138889 Drainage: Well drained

Geology

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

Land Form

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

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification: Mapping Unit: N/A Hyperbasic Regolithic Calcic Calcarosol **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

Mid Strata - Rush, , . *Species includes - None recorded Tall Strata - Tree, , . *Species includes - None Recorded

Surface Coarse Fragments:

Profile Morphology

0 - 0.08 m Very dark greyish brown (10YR3/2-Moist); ; Sand; Weak grade of structure, Granular; Weak

consistence; 10-20%, medium gravelly, 6-20mm, Other, coarse fragments; Few (2 - 10 %),

Calcareous, , Soft segregations; Many, fine (1-2mm) roots;

0.08 - 0.23 m

Very dark greyish brown (10YR3/2-Moist); ; Sand; Weak grade of structure, Granular; Firm consistence; Few (2 - 10 %), Calcareous, , Soft segregations; Many, fine (1-2mm) roots; Diffuse

change to -

0.25 - 0.43 m ; Sand; Single grain grade of structure; Firm consistence; Few (2 - 10 %), Calcareous, , Soft

segregations:

; Sand; Single grain grade of structure; Loose consistence; 10-20%, Quartz, coarse fragments; 0.6 - 1.1 m

Few (2 - 10 %), Calcareous, , Soft segregations;

2.03 - 2.13 m ; Sand; Few (2 - 10 %), Calcareous, , Soft segregations;

Morphological Notes

Observation Notes

Site Notes ROBE

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

RM1 Site ID: A648 CSIRO Division of Soils (SA) Observation ID: 1

Laboratory Test Results:

Depth	pН	1:5 EC		nangeable			xchangeable	CEC	ECEC	ESP
m		dS/m	Ca M	Лg	К	Na Acidity Cmol (+)/kg				%
0 - 0.08 0.08 - 0.23 0.25 - 0.43 0.6 - 1.1 2.03 - 2.13	8.6H 8.8H 9H 9.4H 8.6H	0.036C 0.027C 0.024C 0.018C 0.019C								
Depth	CaCO3	Organic C	Avail. P	Total P	Total N	Total K	Bulk Density	Partio		Analysis Silt Clay
m	%	%	mg/kg	%	%	%	Mg/m3	GV C	з гз %	Siit Clay
0 - 0.08 0.08 - 0.23 0.25 - 0.43 0.6 - 1.1 2.03 - 2.13	56C 61C 65C 68C 74C									
Depth	COLE		Gravi	metric/Vo	lumetric W	ater Conte	ents		K sat	K unsat
m		Sat.	0.05 Bar	0.1 Bar g/g	0.5 Bar g - m3/m3	1 Bar	5 Bar 15	Bar	mm/h	mm/h
0 - 0.08 0.08 - 0.23 0.25 - 0.43 0.6 - 1.1 2.03 - 2.13										

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

Project Code: Agency Name: RM1 Site ID: A648 Observation ID: 1

CSIRO Division of Soils (SA)

Laboratory Analyses Completed for this profile

Calcium Carbonate (CaCO3) - Not recorded Loss on Ignition (%)

19B_NR 2_LOI 2A1 3A_TSS 4_NR Air-dry moisture content

Electrical conductivity or soluble salts - Total soluble salts % pH of soil - Not recorded Water soluble Chloride - Cl(%) - Not recordede

5_NR