Project Name: **Co. Robe Rec. & MacDonnell, S.A.**
Project Code: **RM1** **Site ID:** **A720** **Observation ID:** **1**
Agency Name: **CSIRO Division of Soils (SA)**

Site Information

Desc. By:	G. Blackburn	**Locality:**	
Date Desc.:	01/10/59	**Elevation:**	No Data
Map Ref.:		**Rainfall:**	0
Northing/Long.:	140.44722222	**Runoff:**	Slow
Easting/Lat.:	-36.56805556	**Drainage:**	Imperfectly 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:	Level plain <9m <1%	**Pattern Type:**	Plain
Morph. Type:	Flat	**Relief:**	1 metres
Elem. Type:	Plain	**Slope Category:**	Level
Slope:	0 %	**Aspect:**	No Data

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification: **Mapping Unit:** N/A
Basic Petroclcic Orthic Tenosol **Principal Profile Form:** N/A
ASC Confidence: **Great Soil Group:** N/A
No analytical data are available but confidence is fair.

Site Disturbance: Complete clearing. Pasture, native or improved, but never cultivated

Vegetation: Low Strata - Tussock grass, , . *Species includes - None recorded
Mid Strata - Shrub, , . *Species includes - None recorded
Tall Strata - Tree, , . *Species includes - Eucalyptus fastigata, Eucalyptus leucoxylon

Surface Coarse Fragments:

Profile Morphology

0 - 0.05 m	; Sandy loam; Weak grade of structure, Granular; Firm consistence;
0.05 - 0.18 m	; Clay loam, fine sandy; , Cast; Strong consistence;
0.18 - 0.28 m	;

Morphological Notes

18 cm stone limestone:

Observation Notes

Site Notes

MACDONNELL

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Laboratory Test Results:

Depth	pH	1:5 EC	Exchangeable Cations				Exchangeable	CEC	ECEC	ESP
			Ca	Mg	K	Na	Acidity			
m		dS/m	Cmol (+)/kg							%
0 - 0.05	7H	0.029C								
0.05 - 0.18	7.4H	0.016C								
0.18 - 0.28										

Depth	CaCO3	Organic C	Avail. P	Total P	Total N	Total K	Bulk Density	Particle Size Analysis				
								GV	CS	FS	Silt	Clay
m	%	%	mg/kg	%	%	%	Mg/m3			%		
0 - 0.05		1.9E		0.011F	0.075B	0.4B			6C	64	9	18
0.05 - 0.18									7C	57	8	27
0.18 - 0.28												

Depth	COLE	Gravimetric/Volumetric Water Contents							K sat	K unsat
		Sat.	0.05 Bar	0.1 Bar	0.5 Bar	1 Bar	5 Bar	15 Bar		
m		g/g - m3/m3							mm/h	mm/h
0 - 0.05										
0.05 - 0.18										
0.18 - 0.28										

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Laboratory Analyses Completed for this profile

17A_NR	Total element - K(%) - 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 recordede
6Z	Organic carbon (%) - 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