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

Project Code: RM1 Site ID: A654 Observation ID: 1

Agency Name: CSIRO Division of Soils (SA)

Site Information

Desc. By: G. Blackburn Locality: FEW CHAINS NTH OF DRAIN WHICH PASSES

THROUGH THIS RIDGE:

 Date Desc.:
 24/06/59
 Elevation:
 No Data

 Map Ref.:
 Rainfall:
 0

 Northing/Long.:
 139.996944444445
 Runoff:
 Rapid

 Easting/Lat.:
 -37.22722222
 Drainage:
 Well drained

Geology

ExposureType:No DataConf. Sub. is Parent. Mat.:No DataGeol. Ref.:No DataSubstrate Material:No Data

Land Form

Rel/Slope Class:Undulating plains <9m 3-10%</th>Pattern Type:PlainMorph. Type:RidgeRelief:2 metresElem. Type:DuneSlope Category:Gently inclinedSlope:0 %Aspect:No Data

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification:Mapping Unit:N/ABasic Petrocloic Orthic TenosolPrincipal Profile Form:N/A

ASC Confidence: Great Soil Group: Terra rossa soil

Analytical data are incomplete but reasonable confidence.

<u>Site Disturbance:</u> Extensive clearing, for example poisoning, ringbarking

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

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

Surface Coarse Fragments:

Profile Morphology

0 - 0.08 m ; Sandy loam; , Granular; Weak consistence; Diffuse change to - 0.08 - 0.2 m ; Sandy loam; , Angular blocky; Firm consistence; Diffuse change to -

0.2 - 0.28 m $\,$; Sandy loam (Heavy); , Angular blocky; Very firm consistence;

 $0.3 - 0.35 \, m$;

Morphological Notes

30-35 cm broken limestone:

Observation Notes

Site Notes

ROBE

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Laboratory Test Results:

addition y Took Roomfor												
Depth	рН	1:5 EC		nangeable ⁄Ig	Cations K	Na	Exchangeable Acidity	CEC	E	CEC	E	SP
m		dS/m		9		Cmol (+					•	%
0 - 0.08 0.08 - 0.2 0.2 - 0.28 0.3 - 0.35	7H 7.5H 8.2H 8.6H	0.059C 0.75C 0.48C 0.19C	19K	3.3	1.1	0.31						
Depth m	CaCO3	Organic C %	Avail. P mg/kg	Total P %	Total N %	Total K %	Bulk Density Mg/m3	Pa GV		Size <i>F</i> FS %	Analysis Silt	
0 - 0.08 0.08 - 0.2 0.2 - 0.28 0.3 - 0.35	7.7C 57C	4.9E			0.3 0.1			12	35C 30C	38 37	16 6	9 19
Depth m	COLE	Sat.	Gravi 0.05 Bar	imetric/Vo 0.1 Bar g/s	lumetric V 0.5 Bar g - m3/m	1 Bar	tents 5 Bar 15 I	Bar	K sat		K unsat	

0 - 0.08 0.08 - 0.2 0.2 - 0.28 0.3 - 0.35

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Laboratory Analyses Completed for this profile

15_NR_CAExch. basic cations (Ca++) - meq per 100g of soil - Not recorded15_NR_KExch. basic cations (K++) - meq per 100g of soil - Not recorded15_NR_MGExch. basic cations (Mg++) - meq per 100g of soil - Not recorded15_NR_NAExch. basic cations (Na++) - meq per 100g of soil - Not recorded

19B_NR Calcium Carbonate (CaCO3) - 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

P10_GRAV Gravel (%)

P10_NR_C
P10_NR_CS
P10_NR_FS
P10_NR_FS
P10_NR_Z
Clay (%) - Not recorded
Coarse sand (%) - Not recorded
Fine sand (%) - Not recorded
Silt (%) - Not recorded