Project Name: Australia Map Project

Project Code: Site ID: A709 Observation ID: 1 **AMP**

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

Site Information

K.H. Northcote Locality:

Desc. By: Date Desc.: Elevation: 26/08/59 128 metres Map Ref.: Rainfall: 380 Northing/Long.: 141.526111111111 Runoff: Rapid

Easting/Lat.: -36.116944444445 Drainage: Moderately well drained

Geology

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

Land Form

Rel/Slope Class: Undulating plains <9m 3-10% Pattern Type: Plain Morph. Type: Elem. Type: Flat Relief: No Data

Slope Category: Very gently sloped Plain

0 % Aspect: No Data Slope:

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification: Mapping Unit: N/A Hypocalcic Subnatric Red Sodosol Principal Profile Form: N/A

ASC Confidence: Great Soil Group: Red-brown earth

Analytical data are incomplete but reasonable confidence.

Site Disturbance:

Vegetation:

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

Surface Coarse Fragments:

Profile Morphology

0 - 0.1 m Dark vellowish brown (10YR4/4-Moist); ; Sandy clay loam; , Angular blocky; Strong

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

0.1 - 0.2 m Reddish brown (5YR4/4-Moist); ; Medium clay; 5-10 mm, Subangular blocky; Moderately plastic;

0.3 - 0.6 m , 7.5YR66; Medium clay; 5-10 mm, Subangular blocky; Moderately plastic; Very few (0 - 2 %),

Calcareous, , Soft segregations;

Morphological Notes

Observation Notes

CALCIUM CARBONATE HEAVY TO 112CM:

Site Notes

LOWAN

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Laboratory Test Results:

Depth	pН	1:5 EC		hangeable	Cations K		changeable	CEC	E	CEC	ESP
m		dS/m	a i	Mg	N.	Na Cmol (+)/k	Acidity g				%
0 - 0.1 0.1 - 0.2 0.3 - 0.6	8.7H 9H 9.8H	0.066C 0.023C 0.35C									
Depth	CaCO3	Organic C	Avail. P	Total P	Total N	Total K	Bulk Density	Pai GV		ize Analy FS Sil	ysis t Clay
m	%	%	mg/kg	%	%	%	Mg/m3			%	•
0 - 0.1 0.1 - 0.2	2.3C								39C 23C	27 15	3 23 1 46
0.3 - 0.6	17C								200	10	1 40
Depth	COLE		Gravimetric/Volumetric Water Contents					K sat	K ur	nsat	
m		Sat. (0.05 Bar	0.1 Bar g/g	0.5 Bar g - m3/m3	1 Bar	5 Bar 15	Bar	mm/h	mn	n/h
0 - 0.1 0.1 - 0.2 0.3 - 0.6											

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Laboratory Analyses Completed for this profile

19B_NR Calcium Carbonate (CaCO3) - Not recorded

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

Electrical conductivity or soluble salts - Total soluble salts % pH of soil - Not recorded

3A_TSS 4_NR

Water soluble Chloride - Cl(%) - Not recordede 5_NR

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