

Project Name: Australia Map Project
Project Code: AMP **Site ID:** A504 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (SA)

Site Information

Desc. By:	K.H. Northcote	Locality:	RUN OFF MAY NOT BE PERTINENT DUE TO HIGH EVAPORATION RATE
Date Desc.:	15/09/57	Elevation:	No Data
Map Ref.:	Sheet No. : SH54-9 1:250000	Rainfall:	0
Northing/Long.:	139.263055555556	Runoff:	Slow
Easting/Lat.:	-30.166666666667	Drainage:	Moderately well 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:	Gently undulating plains <9m 1-3%	Pattern Type:	Plain
Morph. Type:	Flat	Relief:	No Data
Elem. Type:	Plain	Slope Category:	No Data
Slope:	0 %	Aspect:	No Data

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification:	Mapping Unit:	N/A
Calcic Subnatric Red Sodosol	Principal Profile Form:	N/A
ASC Confidence:	Great Soil Group:	N/A

All necessary analytical data are available.

Site Disturbance: No effective disturbance other than grazing by hoofed animals

Vegetation: Low Strata - , , . *Species includes - None recorded
Mid Strata - Shrub, , . *Species includes - Atriplex nummularia

Surface Coarse Fragments: 50-90%, cobbly, 60-200mm, , Gravel

Profile Morphology

0 - 0.05 m	Yellowish red (5YR5/6-Moist); ; Loam (Heavy); 20-50 mm, Angular blocky; Firm consistence; 10-20%, cobbly, 60-200mm, coarse fragments; Clear change to -
0.05 - 0.13 m	Dark red (2.5YR3/6-Moist); ; Medium clay; 20-50 mm, Angular blocky; 5-10 mm, Angular blocky; Very weak consistence; 10-20%, cobbly, 60-200mm, coarse fragments;
0.13 - 0.28 m	Dark red (2.5YR3/6-Moist); ; Medium clay; 2-5 mm, Angular blocky; 2-5 mm, Angular blocky; Very weak consistence; 10-20%, cobbly, 60-200mm, coarse fragments; Few (2 - 10 %), Calcareous, , Soft segregations; Many, fine (1-2mm) roots;
0.4 - 0.58 m	Yellowish red (5YR4/6-Moist); ; Medium clay; , Angular blocky; Very weak consistence; 10-20%, cobbly, 60-200mm, coarse fragments; Very few (0 - 2 %), Calcareous, , Soft segregations; Many, fine (1-2mm) roots;
0.78 - 0.98 m	Yellowish red (5YR4/8-Moist); ; Medium clay; , Angular blocky; Very weak consistence; 10-20%, cobbly, 60-200mm, coarse fragments; Few (2 - 10 %), Calcareous, , Soft segregations;
1.13 - 1.31 m	Yellowish red (5YR4/6-Moist); ; Medium clay; , Angular blocky; Very weak consistence; 2-10%, cobbly, 60-200mm, coarse fragments; Few (2 - 10 %), Calcareous, , Soft segregations;

Morphological Notes

Observation Notes

Site Notes

WOOLTANA

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Laboratory Test Results:

[illegible]

Depth	CaCO3	Organic	Avail.	Total	Total	Total	Bulk	Particle		Size	Analysis	
m	%	C	P	P	N	K	Density	GV	CS	FS	Silt	Clay
		%	mg/kg	%	%	%	Mg/m3			%		
0 - 0.05	0.04C			0.029F	0.07B	0.61B		11	14C	48	10	25
0.05 - 0.13	0.02C			0.023F	0.05B	0.75B		13	13C	33	8	43
0.13 - 0.28	1.1C											
0.4 - 0.58	2.3C								10C	33	6	46
0.78 - 0.98	2.5C											
1.13 - 1.31	1.7C								10C	25	8	52

[illegible]

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Laboratory Analyses Completed for this profile

15_NR_CA	Exch. basic cations (Ca++) - meq per 100g of soil - Not recorded
15_NR_K	Exch. basic cations (K++) - meq per 100g of soil - Not recorded
15_NR_MG	Exch. basic cations (Mg++) - meq per 100g of soil - Not recorded
15_NR_NA	Exch. basic cations (Na++) - meq per 100g of soil - Not recorded
17A_NR	Total element - K(%) - 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 recorded
7_NR	Total nitrogen (%) - Not recorded
9A_NR	Total element - P(%) - Not recorded
P10_GRAV	Gravel (%)
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