Project Name: **Handbook of Australian Soils**
Project Code: **HAS** **Site ID:** **A1009** **Observation ID:** **1**
Agency Name: **CSIRO Division of Soils (NSW)**

Site Information

Desc. By:	C.G. Stephens	**Locality:**	
Date Desc.:	08/04/67	**Elevation:**	No Data
Map Ref.:	Sheet No. : SH56-10 1:250000	**Rainfall:**	0
Northing/Long.:	151.684722222222	**Runoff:**	Rapid
Easting/Lat.:	-30.2722222222222	**Drainage:**	No Data

Geology

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

Land Form

Rel/Slope Class:	No Data	**Pattern Type:**	No Data
Morph. Type:	No Data	**Relief:**	No Data
Elem. Type:	Hillslope	**Slope Category:**	No Data
Slope:	0 %	**Aspect:**	No Data

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification:
Haplic Eutrophic Red Ferrosol
ASC Confidence:
All necessary analytical data are available.

Mapping Unit: N/A
Principal Profile Form: N/A
Great Soil Group: Chocolate soil

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

Vegetation: Low Strata - Tussock grass, , . *Species includes - None recorded
Tall Strata - Tree, , . *Species includes - Eucalyptus species

Surface Coarse Fragments:

Profile Morphology

A	0 - 0.1 m	Dusky red (2.5YR3/2-Moist); ; Clay loam; , Granular; Very weak consistence; Diffuse change to -
AB	0.1 - 0.3 m	Dark reddish brown (2.5YR3/3-Moist); ; Clay loam; , Granular; Very weak consistence; Diffuse change to -
B	0.3 - 0.48 m	Dark reddish brown (2.5YR3/4-Moist); ; Medium clay; , Angular blocky; , Granular; Very weak consistence; Moderately plastic; Diffuse change to -
C	0.48 - 0.66 m	Dark reddish brown (2.5YR3/4-Moist); ; Medium clay; , Angular blocky; , Granular; Very weak consistence; Moderately plastic;

Morphological Notes

Observation Notes

Site Notes

GUYRA

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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 - 0.1	5.2J 6.3H	0.02C	9.6K	5.1	1.1	0.1				
0.1 - 0.3	5.2J 6.3H	0.01C								
0.3 - 0.48	5.4J 6.6H	0.008C	6.4K	6.7	0.5	0.16				
0.48 - 0.66	5.5J 6.7H	0.011C	8.3K	8.9	0.62	0.2				

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 - 0.1			225C		0.18B			16	39C	17	16	26
0.1 - 0.3			390C		0.071B			29	40C	15	18	27
0.3 - 0.48			315C		0.045B			27	37C	18	17	28
0.48 - 0.66					0.045B			24	26C	19	20	33

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 - 0.1										
0.1 - 0.3										
0.3 - 0.48										
0.48 - 0.66										

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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
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
4B_C_2.5	pH of soil - pH of 1:2.5 Soil/0.1M CaCl2 suspension
5_NR	Water soluble Chloride - Cl(%) - Not recordede
7_NR	Total nitrogen (%) - Not recorded
9_NR	Available P (mg/kg) - 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