**Handbook of Australian Soils Project Name:** 

**Project Code:** HAS Site ID: A1005 Observation ID: 1

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

**Site Information** 

Locality: C.G. Stephens

Desc. By: Date Desc.: Elevation: 04/04/67 No Data Sheet No.: SJ55-4 1:250000 Map Ref.: Rainfall: Northing/Long.: Runoff: Rapid Easting/Lat.: No Data Drainage:

**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: Plateau Morph. Type: Elem. Type: No Data Relief: No Data No Data **Slope Category:** No Data No Data Slope: 0 % Aspect:

# Surface Soil Condition (dry):

**Erosion:** 

**Soil Classification** 

**Australian Soil Classification:** Mapping Unit: N/A Haplic Calcareous Red Ferrosol **Principal Profile Form:** N/A **ASC Confidence: Great Soil Group:** N/A

No analytical data are available but confidence is fair.

<u>Site Disturbance:</u> Complete clearing. Pasture, native or improved, but never cultivated Vegetation: Low Strata - Tussock grass, , . \*Species includes - None recorded

# **Surface Coarse Fragments:**

## **Profile Morphology**

A	0 - 0.07 m	Dark reddish brown (2.5YR3/4-Dry); ; Clay loam; , Granular; Very weak consistence; , medium (2-5mm) roots; Diffuse change to - $^{\circ}$
B1	0.07 - 0.4 m	Very dark greyish brown (10YR3/2-Dry); ; Medium clay; , Angular blocky; Strong consistence; Diffuse change to -
B2	0.4 - 1.01 m	Dark reddish brown (2.5YR3/4-Dry); ; Medium clay; , Angular blocky; Strong consistence; Diffuse change to -
ВС	1.01 - 1.27 m	Dark reddish brown (5YR3/3-Dry); ; Medium clay; , Angular blocky; Firm consistence; Common (10 - 20 %). Calcareous Soft segregations:

### **Morphological Notes**

# **Observation Notes**

# **Site Notes**

COOMA

Project Name: Project Code: Agency Name: **Handbook of Australian Soils** 

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# **Laboratory Test Results:**

Depth	рН	1:5 EC C		changeable	Cations K	Exchangeable Na Acidity	CEC	ECEC	ESP
m		dS/m	a	wg	N.	Cmol (+)/kg			%
0 - 0.07	5.7H 6.5H	0.037C	19K	18	2.3	0.13			
0.07 - 0.4	6.1H 7.4H	0.016C	22K	26	0.98	0.27			
0.4 - 1.01	6.7H 7.7H	0.021C							
1.01 - 1.27	7.2H 8.2H	0.06C	32K	27	0.9	0.42			

Depth	CaCO3	Organic	Avail.	Total	Total	Total	Bulk	Pa	article	Size	Analysi	s
		С	Р	Р	N	K	Density	G۷	CS	FS	Silt	Clay
m	%	%	mg/kg	%	%	%	Mg/m3			%		
0 - 0.07			63C		0.38B			6	6C	24	. 16	49
0.07 - 0.4			5C		0.17B			1	2C	11	14	70
0.4 - 1.01	0.040	2			0.08B			0	1C	10	10	78
1.01 - 1.27	6.6C	;			0.043B	}		54	2C	12	. 7	69

Depth	COLE	Gravimetric/Volumetric Water Contents								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

0 - 0.07 0.07 - 0.4 0.4 - 1.01 1.01 - 1.27

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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

7\_NR Total nitrogen (%) - Not recorded 9\_NR Available P (mg/kg) - 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