

**Project Name:** Handbook of Australian Soils  
**Project Code:** HAS **Site ID:** A1008 **Observation ID:** 1  
**Agency Name:** CSIRO Division of Soils (NSW)

**Site Information**

<b>Desc. By:</b>	C.G. Stephens	<b>Locality:</b>	
<b>Date Desc.:</b>	30/04/67	<b>Elevation:</b>	No Data
<b>Map Ref.:</b>	Sheet No. : SH56-10 1:250000	<b>Rainfall:</b>	0
<b>Northing/Long.:</b>	151.3	<b>Runoff:</b>	Rapid
<b>Easting/Lat.:</b>	-30.4833333333333	<b>Drainage:</b>	No Data

**Geology**

<b>ExposureType:</b>	No Data	<b>Conf. Sub. is Parent. Mat.:</b>	No Data
<b>Geol. Ref.:</b>	No Data	<b>Substrate Material:</b>	No Data

**Land Form**

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

**Surface Soil Condition (dry):**

**Erosion:**

**Soil Classification**

<b>Australian Soil Classification:</b>		<b>Mapping Unit:</b>	N/A
Acidic Dystrophic Red Kandosol		<b>Principal Profile Form:</b>	N/A
<b>ASC Confidence:</b>		<b>Great Soil Group:</b>	Red earth
All necessary analytical data are available.			

**Site Disturbance:** No effective disturbance. Natural

**Vegetation:**

Tall Strata - Tree, , . \*Species includes - Eucalyptus species

**Surface Coarse Fragments:**

**Profile Morphology**

A1	0 - 0.1 m	Dark brown (7.5YR3/2-Moist); ; Loam; , Granular; Very weak consistence; Diffuse change to -
A2	0.1 - 0.25 m	Dark reddish brown (5YR3/3-Moist); ; Loam; , Granular; Very weak consistence; Diffuse change to -
B1	0.25 - 0.5 m	Dark reddish brown (5YR3/4-Moist); ; Medium clay; Massive grade of structure; Very weak consistence; Diffuse change to -
B2	0.5 - 0.83 m	Reddish brown (5YR4/4-Moist); ; Medium clay; Massive grade of structure; Very weak consistence; Diffuse change to -
C	0.83 - 1.37 m	Brown (7.5YR4/4-Moist); ; Medium clay; Massive grade of structure; Very weak consistence; Slightly plastic;

**Morphological Notes**

**Observation Notes**

**Site Notes**

ARMIDALE

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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 recorded
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