

**Project Name:** CAN  
**Project Code:** CAN      **Site ID:** CP132      **Observation ID:** 1  
**Agency Name:** CSIRO Division of Soils (NSW)

**Site Information**

<b>Desc. By:</b>	P.H. Walker	<b>Locality:</b>	Southside approx.0.5KM west of 7 mile post:
<b>Date Desc.:</b>	02/01/79	<b>Elevation:</b>	No Data
<b>Map Ref.:</b>		<b>Rainfall:</b>	610
<b>Northing/Long.:</b>	148.583333333333	<b>Runoff:</b>	Moderately rapid
<b>Easting/Lat.:</b>	-33.866666666667	<b>Drainage:</b>	No Data

**Geology**

<b>ExposureType:</b>	Soil pit	<b>Conf. Sub. is Parent. Mat.:</b>	No Data
<b>Geol. Ref.:</b>	No Data	<b>Substrate Material:</b>	Slightly porous, Unconsolidated material (unidentified)

**Land Form**

<b>Rel/Slope Class:</b>	No Data	<b>Pattern Type:</b>	Low hills
<b>Morph. Type:</b>	Open depression (vale)	<b>Relief:</b>	No Data
<b>Elem. Type:</b>	Footslope	<b>Slope Category:</b>	Very gently sloped
<b>Slope:</b>	3 %	<b>Aspect:</b>	0 degrees

**Surface Soil Condition (dry):**

**Erosion:**

**Soil Classification**

<b>Australian Soil Classification:</b>		<b>Mapping Unit:</b>	N/A
Bleached-Sodic Eutrophic Red Chromosol		<b>Principal Profile Form:</b>	Dr2.4
<b>ASC Confidence:</b>		<b>Great Soil Group:</b>	Red podzolic soil

No analytical data and little or no knowledge of this soil.

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

**Vegetation:**

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

**Surface Coarse Fragments:**

**Profile Morphology**

A1	0 - 0.1 m	Dark reddish grey (5YR4/2-Moist); ; Loamy sand; Very weak consistence; Clear change to -
A2	0.1 - 0.2 m	Dark reddish grey (5YR4/2-Moist); ; Loamy sand; Firm consistence;
A2	0.2 - 0.3 m	Light reddish brown (5YR6/3-Moist); Pinkish grey (5YR7/2-Dry); ; Loamy sand; Firm consistence;
A2	0.3 - 0.35 m	Light reddish brown (5YR6/3-Moist); ; Loamy sand; Very firm consistence; Sharp change to -
B2	0.35 - 0.4 m	Dark red (2.5YR3/6-Moist); ; Medium heavy clay; Moderate grade of structure, Angular blocky; Moderate grade of structure, 50-100 mm, Prismatic; Very strong consistence;
B2	0.4 - 0.5 m	Dark red (2.5YR3/6-Moist); ; Medium heavy clay; Moderate grade of structure, Angular blocky; Moderate grade of structure, 50-100 mm, Prismatic; Very strong consistence;
B2	0.5 - 0.6 m	Reddish brown (2.5YR4/4-Moist); ; Medium heavy clay; Moderate grade of structure, Angular blocky; Moderate grade of structure, 50-100 mm, Prismatic; Very strong consistence; Gradual change to -
B3	0.6 - 0.7 m	Reddish brown (5YR4/4-Moist); ; Medium heavy clay; , Subangular blocky; , Columnar; Very strong consistence; 20-50%, Quartz, coarse fragments;
B3C	0.7 - 0.9 m	Yellowish red (5YR4/6-Moist); ; Medium heavy clay; , Subangular blocky; , Columnar; Very strong consistence; 20-50%, Quartz, coarse fragments; Diffuse change to -
B3C	0.9 - 1.1 m	Yellowish red (5YR4/6-Moist); ; Medium heavy clay; , Subangular blocky; , Columnar; Very strong consistence; 20-50%, Quartz, coarse fragments;

**Morphological Notes**

**Observation Notes**

**Site Notes**

COWRA-GRENFELL

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Laboratory Test Results:

Depth	pH	1:5 EC	Exchangeable Cations			Exchangeable	CEC	ECEC	ESP
m		dS/m	Ca	Mg	K	Na	Acidity		
						Cmol (+)/kg			%

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			%		

Depth	COLE	Gravimetric/Volumetric Water Contents						K sat	K unsat
		Sat.	0.05 Bar	0.1 Bar	0.5 Bar	1 Bar	5 Bar		
m					g/g -	m3/m3		mm/h	mm/h

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Laboratory Analyses Completed for this profile