Project Name: Project Code: Agency Name:	CA CA CS	N	Site ID: n of Soils (N	CP115 SW)	0	bservatio	on ID:	1	
Site Information Desc. By: Date Desc.: Map Ref.: Northing/Long.: Easting/Lat.:	bsc. By: C.L. Watson   ate Desc.: 31/08/78   ap Ref.: Sheet No. : 8837   orthing/Long.: 149.65		1:100000	Locality:1.2KM west ofElevation:225 metresRainfall:650Runoff:Very slowDrainage:Imperfectly drawn		res /	of Gin and Office Auscott Irained		
<u>Geology</u> ExposureType: Geol. Ref.:	No Da No D			Substrate Material: S			lo Data Ilightly porous, Unconsolidated material unidentified)		
Land Form Rel/Slope Class: Morph. Type: Elem. Type: Slope: Surface Soil Co Erosion:	Flat Plain 0 %	plain <9m <1 on (dry): S		Pattern Typ Relief: Slope Cate Aspect: ng		Alluvial pi No Data Level No Data	lain		
Soil Classificati	ion								
Australian Soil Cl Endocalcareous-E Vertosol			Mulching Aquic	;		ng Unit: pal Profile	Form:	N/A Ug5.24	
ASC Confidence Analytical data are Site Disturbanc	e incon			ence.	Great	Soil Group	):	Grey clay	
Vegetation: Surface Coarse	Frag	ments:							
Profile Morphol									
0 - 0.1 m			0YR4/1-Moist) ; Slightly plastic				2-5 mm	ı, Subangular blocky; Weak	
0.1 - 0.18	3 m		0YR4/1-Moist) tic; Field pH 8.3		; Massiv	ve grade of	structure	e; Very weak consistence;	
0.18 - 0.3	36 m		0YR4/1-Moist) plastic; Field pH			ve grade of	structure	e; Very weak consistence;	
0.36 - 0.4	1 m		0YR4/1-Moist) plastic; Field p			) mm, Suba	angular b	blocky; Very weak consistence;	
0.4 - 0.5	m		0YR4/1-Moist) plastic; Field p			) mm, Suba	angular b	olocky; Very weak consistence;	
0.5 - 0.6	m		0YR4/1-Moist) plastic; Field p			) mm, Suba	angular b	olocky; Very weak consistence;	
0.6 - 0.75	5 m							blocky; Very weak consistence; s; Field pH 8.8 (pH meter);	
0.75 - 0.8	3 m							/ery weak consistence; ; Field pH 8.9 (pH meter);	
0.8 - 0.9	m							/ery weak consistence; ; Field pH 8.9 (pH meter);	
0.9 - 1 m								/ery weak consistence; ; Field pH 8.9 (pH meter);	
1 - 1.1 m								/ery weak consistence; ; Field pH 9 (pH meter);	
1.1 - 1.2	m							/ery weak consistence; ; Field pH 8.9 (pH meter);	

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- 1.2 1.3 m Grey (10YR5/1-Moist); , 10YR53, 20-50% ; , 20-50% ; Heavy clay; Very weak consistence; Moderately plastic; Few (2 10 %), Calcareous, , Soft segregations; Field pH 9 (pH meter);
- 1.3 1.4 m Grey (10YR5/1-Moist); , 10YR53, 20-50% ; , 20-50% ; Heavy clay; Very weak consistence; Moderately plastic; Few (2 10 %), Calcareous, , Soft segregations; Field pH 9 (pH meter);
- 1.4 1.5 m Brown (10YR5/3-Moist); , 10YR51, 20-50% ; , 20-50% ; Heavy clay; Very weak consistence; Moderately plastic; Few (2 - 10 %), Calcareous, , Concretions; Field pH 8.9 (pH meter);
- 1.5 1.6 m Brown (10YR5/3-Moist); , 10YR51, 20-50% ; , 20-50% ; Heavy clay; Very weak consistence; Moderately plastic; Few (2 10 %), Calcareous, , Concretions; Field pH 8.9 (pH meter);
- 1.6 1.7 m Brown (10YR5/3-Moist); , 10YR51, 20-50% ; , 20-50% ; Heavy clay; Very weak consistence; Moderately plastic; Few (2 10 %), Calcareous, , Concretions; Field pH 8.8 (pH meter);
- 1.7 1.8 m Brown (10YR5/3-Moist); , 10YR51, 20-50% ; , 20-50% ; Heavy clay; Very weak consistence; Moderately plastic; Few (2 10 %), Calcareous, , Concretions; Field pH 8.9 (pH meter);
- 1.8 1.9 m Brown (10YR5/3-Moist); , 10YR51, 20-50% ; , 20-50% ; Heavy clay; Very weak consistence; Moderately plastic; Few (2 - 10 %), Calcareous, , Concretions; Field pH 9 (pH meter);
- 1.9 2 m Brown (10YR5/3-Moist); , 10YR51, 20-50% ; , 20-50% ; Heavy clay; Very weak consistence; Moderately plastic; Few (2 - 10 %), Calcareous, , Concretions; Field pH 8.9 (pH meter);

## Morphological Notes

**Observation Notes** 

Site Notes

NARRABRI

Project Name:	CAN			
Project Code:	CAN CSIRO Division	Site ID: of Soils (N	 Observation ID:	1

## Laboratory Test Results:

Depth	рН	1:5 EC		changeable			Exchangeable	CEC		ECEC		ESP
m		dS/m	Ca	Mg	к	Na Cmol (-	Acidity ⊦)/kg					%
0 - 0.1	8.1A	0.11A	25.9K	18.6	2.6	1.3	13.3B	61.7	7J			2.11
0.1 - 0.18	8.3A	0.1A										
0.18 - 0.36	8.3A	0.1A										
0.36 - 0.4	8.5A	0.12A										
0.4 - 0.5	8.6A	0.15A										
0.5 - 0.6	8.7A	0.16A										
0.6 - 0.75	8.8A	0.19A										
0.75 - 0.8	8.9A	0.23A										
0.8 - 0.9	8.9A	0.26A										
0.9 - 1	8.9A	0.28A										
1 - 1.1	9A	0.32A										
1.1 - 1.2	8.9A	0.33A										
1.2 - 1.3	9A	0.44A										
1.3 - 1.4	9A 8.9A	0.46A										
1.4 - 1.5 1.5 - 1.6	8.9A 8.9A	0.42A 0.48A										
1.5 - 1.6 1.6 - 1.7	8.9A 8.8A	0.48A 0.52A										
1.7 - 1.8	8.9A	0.52A 0.65A										
1.8 - 1.9	9A	0.05A 0.74A										
1.9 - 2	8.9A	0.74A 0.79A										
1.9 - 2	0.9A	0.79A										
Depth	CaCO3	Organic C	Avail. P	Total P	Total N	Tota K	l Bulk Density	P GV	article CS	Size FS	Analys Silt	is Clay
m	%	%	mg/kg		%	%	Mg/m3		00	%	Ont	Olay
0 - 0.1 0.1 - 0.18 0.18 - 0.36 0.36 - 0.4 0.4 - 0.5 0.5 - 0.6 0.6 - 0.75 0.75 - 0.8 0.8 - 0.9	0.094	0.82D							2C	9	13	3 71

Depth	COLE		Grav	/imetric/Vo	olumetric V	Vater Cont	ents		K sat	K unsat
		Sat.	0.05 Bar	0.1 Bar		1 Bar	5 Bar	15 Bar		_
m				g/	/g - m3/m3	3			mm/h	mm/h
0 - 0.1								0.29B		
0 - 0.1								0.230		

Pr	oject Name: oject Code: gency Name:	CAN CAN Site ID: CP115 CSIRO Division of Soils (NSW)	
(	$\begin{array}{c} 0.1 - 0.18\\ 0.18 - 0.36\\ 0.36 - 0.4\\ 0.4 - 0.5\\ 0.5 - 0.6\\ 0.5 - 0.6\\ 0.6 - 0.75\\ 0.75 - 0.8\\ 0.8 - 0.9\\ 0.9 - 1\\ 1 - 1.1\\ 1.1 - 1.2\\ 1.2 - 1.3\\ 1.3 - 1.4\\ 1.4 - 1.5\end{array}$		
	1.5 - 1.6 1.6 - 1.7 1.7 - 1.8		

Observation ID: 1

1.8 - 1.9 1.9 - 2

Project Name:	CAN		
Project Code:	CAN	Site ID:	CP115
Agency Name:	CSIRO Divi	sion of Soils (N	ISW)

## Observation ID: 1

## Laboratory Analyses Completed for this profile

15_NR_CA	Exch. basic cations (Ca++) - meq per 100g of soil - Not recorded
15_NR_CEC	CEC - 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
15G_C_AL1	Exchangeable aluminium - meq per 100g of soil - Aluminium By difference of C and A or B
19A1	Carbonates - rapid titration
2A1	Air-dry moisture content
3A1	EC of 1:5 soil/water extract
4A1	pH of 1:5 soil/water suspension
5A2	Chloride - 1:5 soil/water extract, automated colour
6A1_UC	Organic carbon (%) - Uncorrected Walkley and Black method
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
P3B_GV_15	15 BAR Moisture g/g - Gravimetric using pressure plate