

Project Name: CAN
Project Code: CAN **Site ID:** CP204 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (VIC)

Site Information

Desc. By:	J. Loveday	Locality:	
Date Desc.:	20/01/82	Elevation:	No Data
Map Ref.:	Sheet No. : 7626 1:100000	Rainfall:	370
Northing/Long.:	143.966666666667	Runoff:	Slow
Easting/Lat.:	-35.766666666667	Drainage:	Imperfectly drained

Geology

ExposureType:	Undisturbed soil core	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	No Data	Substrate Material:	Slightly porous, Unconsolidated material (unidentified)

Land Form

Rel/Slope Class:	Gently undulating plains <9m 1-3%	Pattern Type:	Alluvial plain
Morph. Type:	Flat	Relief:	No Data
Elem. Type:	Plain	Slope Category:	Very gently sloped
Slope:	1 %	Aspect:	No Data

Surface Soil Condition (dry): Soft

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Epicalcareous Epipedal Grey Vertosol		Principal Profile Form:	Ug5.5
ASC Confidence:		Great Soil Group:	Grey clay
All necessary analytical data are available.			

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

Vegetation: Low Strata - Vine, , . *Species includes - None recorded

Surface Coarse Fragments:

Profile Morphology

0 - 0.04 m	Dark greyish brown (10YR4/2-Moist); ; Medium heavy clay; 10-20 mm, Subangular blocky; Weak consistence;
0.04 - 0.05 m	Dark grey (10YR4/1-Moist); , 10YR31; Medium heavy clay; Massive grade of structure; Very firm consistence; Field pH 8.5 (pH meter);
0.05 - 0.1 m	Dark grey (10YR4/1-Moist); ; Medium heavy clay; Massive grade of structure; Very firm consistence;
0.1 - 0.25 m	Dark greyish brown (10YR4/2-Moist); , 10YR52; Medium heavy clay; Massive grade of structure; Very firm consistence; Field pH 8.9 (pH meter);
0.25 - 0.5 m	Greyish brown (10YR5/2-Moist); , 10YR53; Medium heavy clay; Massive grade of structure; Weak consistence; Few (2 - 10 %), Calcareous, , Concretions; Field pH 9.2 (pH meter);
0.5 - 1 m	Greyish brown (10YR5/2-Moist); , 10YR53; , 10YR62; Medium heavy clay; Massive grade of structure; Weak consistence; Many (20 - 50 %), Calcareous, , Concretions; Few (2 - 10 %), Gypseous, , ;

Morphological Notes

Observation Notes

FLUVIATIC SEDIMENTS:CF WITH PROFILE CP69

Site Notes

KERANG

Project Name: CAN
Project Code: CAN Site ID: CP204 Observation ID: 1
Agency Name: CSIRO Division of Soils (VIC)

Laboratory Test Results:

Depth	pH	1:5 EC	Exchangeable Cations			Exchangeable	CEC	ECEC	ESP
m		dS/m	Ca	Mg	K	Na Cmol (+)/kg	Acidity		%
0 - 0.1	8.5A	0.28A	17.5K	10.6	1.8	2.2		41J	5.37
0.1 - 0.2	8.9A	0.45A	18.5K	12.8	1.5	4.1		44.5J	9.21
0.2 - 0.3	9.3A	0.32A	15.2K	11.9	1.3	6.6		41.5J	15.90
0.3 - 0.4	9.4A	0.49A	14.5K	12.6	1.2	8.4		39J	21.54
0.4 - 0.5	9.1A	0.77A	13.4K	11.4	1.1	9.1		38J	23.95
0.5 - 0.6	8.8A	1.13A	13.4K	11.2	1.1	9.4		37.5J	25.07

[illegible][illegible]

Project Name: CAN
Project Code: CAN **Site ID:** CP204 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (VIC)

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
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