

Project Name: CAN
Project Code: CAN Site ID: C124 Observation ID: 1
Agency Name: CSIRO Division of Soils (VIC)

Site Information

Desc. By: B.E. Butler Locality: Parish Wychitella 24:N.E. corner:Lunette on Woolshed Swamp
Date Desc.: 24/09/55 Elevation: No Data
Map Ref.: Sheet No. : 7625 1:100000 Rainfall: 425
Northing/Long.: 143.716666666667 Runoff: Slow
Easting/Lat.: -36.188333333333 Drainage: Well drained

Geology

ExposureType: No Data Conf. Sub. is Parent. Mat.: No Data
Geol. Ref.: No Data Substrate Material: Porous, Unconsolidated material (unidentified)

Land Form

Rel/Slope Class: Gently undulating plains <9m Pattern Type: Playa plain
1-3%
Morph. Type: Crest Relief: No Data
Elem. Type: Lunette Slope Category: Gently inclined
Slope: 0 % Aspect: No Data

Surface Soil Condition (dry): Soft

Erosion:

Soil Classification

Australian Soil Classification: Mapping Unit: N/A
Haplic Epipedal Brown Vertosol Principal Profile Form: N/A
ASC Confidence: Great Soil Group: Brown clay
No analytical data are available but confidence is fair.

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

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

Surface Coarse Fragments:

Profile Morphology

A 0 - 0.13 m Greyish brown (2.5Y5/3-Moist); ; Light clay; Moderate grade of structure, 10-20 mm, Subangular blocky; Moist; Weak consistence; Field pH 9.6 (pH meter); Gradual change to -
B1 0.13 - 0.36 m Greyish brown (2.5Y5/3-Moist); ; Light medium clay; <2 mm, Subangular blocky; Moderate grade of structure, 100-200 mm, Prismatic; Moist; Weak consistence; Field pH 9.1 (pH meter); Gradual change to -
B2 0.48 - 0.66 m Light brownish grey (2.5Y6/3-Moist); ; Light medium clay; Moderate grade of structure, 20-50 mm, Angular blocky; Moist; Weak consistence; Field pH 9.6 (pH meter); Gradual change to -
C 1.07 - 1.17 m Pale yellow (2.5Y7/3-Moist); ; Light clay; Dry; Very firm consistence; Few (2 - 10 %), Calcareous, , Soft segregations; Field pH 9.2 (pH meter);

Morphological Notes

Observation Notes

VERY YOUNG PARNA

Site Notes

GLADSTONE COUN

Observation ID: 1

Laboratory Test Results:

Depth	pH	1:5 EC	Ca	Exchangeable Mg	Cations K	Na	Exchangeable Acidity	CEC	ECEC	ESP
m		dS/m				Cmol (+)/kg				%
0 - 0.13	9.6A	0.33A								
0.13 - 0.36	9.1A	0.14A								
0.48 - 0.66	9.6A	0.122A								
1.07 - 1.17	9.2A	1.32A								

[illegible][illegible]

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Laboratory Analyses Completed for this profile

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