Project Name: CAN

Project Code: CAN Site ID: C125 Observation ID: 1

Agency Name: CSIRO Division of Soils (VIC)

Site Information

Desc. By: B.E. Butler Locality: Parish Boort:lot 16B at S.W. inflex corner near Boort

Cemetery

No Data Date Desc.: 25/09/55 Elevation: Sheet No.: 7625 1:100000 Map Ref.: Rainfall: 425 Northing/Long.: 143.701111111111 Runoff: Slow Easting/Lat.: -36.10083333333333 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:No DataPattern Type:Playa plainMorph. Type:No DataRelief:No DataElem. Type:LunetteSlope Category:No DataSlope:0 %Aspect:No Data

Surface Soil Condition (dry): Firm

Erosion:

Soil Classification

Australian Soil Classification:Mapping Unit:N/AEndocalcareous Epipedal Brown VertosolPrincipal Profile Form:N/AASC Confidence:Great Soil Group:Brown clay

No analytical data are available but confidence is fair.

<u>Site Disturbance:</u> Complete clearing. Pasture, native or improved, but never cultivated <u>Vegetation:</u> Low Strata - Sod grass, , . *Species includes - None recorded

Surface Coarse Fragments:

Profile Morphology

A	0 - 0.15 m	Brown (10YR5/3-Moist); ; Light medium clay; Strong grade of structure, 10-20 mm, Subangular blocky; Moist; Weak consistence; Field pH 8.5 (pH meter); Gradual change to -
B1	0.15 - 0.28 m	Brown (10YR4/3-Moist); ; Light medium clay; Moderate grade of structure, 20-50 mm, Angular blocky; Moist; Firm consistence; Field pH 8.4 (pH meter); Gradual change to -
B2	0.46 - 0.53 m	Light yellowish brown (2.5Y6/4-Moist); ; Light medium clay; Moderately moist; Firm consistence; Very few (0 - 2 %), Calcareous, , Soft segregations; Field pH 8.2 (pH meter);

Morphological Notes

Observation Notes

PARNA OF POST GLACIAL THERMAL MAXIMUM: WHEN ERODED GIVES RISE TO PARNA WHICH FORMS C124

Site Notes

GLADSTONE COUN

Project Name: CAN
Project Code: CAN Site ID: C1
Agency Name: CSIRO Division of Soils (VIC) Site ID: C125 Observation ID: 1

Laboratory Test Results:

Depth	рН	1:5 EC Ca		angeable Ig	Cations K	E Na	xchangeable Acidity	CEC	ECEC	ESP
m		dS/m	a 10	ıy	N.	Cmol (+)	•			%
0 - 0.15 0.15 - 0.28 0.46 - 0.53	8.5A 8.4A 8.2A	0.065A 0.08A 0.732A								
Depth m	CaCO3	Organic C %	Avail. P mg/kg	Total P %	Total N %	Total K %	Bulk Density Mg/m3	Part GV	cicle Size	Analysis Silt Clay
0 - 0.15 0.15 - 0.28 0.46 - 0.53										
Depth	COLE	Gravimetric/Volumetric Water Contents K sat K								
m		Sat. 0).05 Bar	0.1 Bar g/g	0.5 Bar g - m3/m3	1 Bar 3	5 Bar 15	Bar	mm/h	mm/h

0 - 0.15 0.15 - 0.28 0.46 - 0.53

CAN

CAN Observation ID: 1 Site ID: C125

Project Name: Project Code: Agency Name: CSIRO Division of Soils (VIC)

Laboratory Analyses Completed for this profile

EC of 1:5 soil/water extract pH of 1:5 soil/water suspension Chloride - 1:5 soil/water extract, automated colour 3A1 4A1

5A2