Victorian Beach Ridge Studies **Project Name:** 

**Project Code:** Site ID: A1068 Observation ID: 1

**Agency Name: CSIRO Division of Soils (VIC)** 

**Site Information** 

G. Blackburn

Desc. By: Date Desc.: Locality: Elevation: 16/03/67 67 metres Map Ref.: Rainfall: 250 Northing/Long.: 141.43194444445 Runoff: Rapid

Easting/Lat.: -34.6591666666667 Drainage: Moderately well drained

**Geology** 

ExposureType: No Data Conf. Sub. is Parent. Mat.: No Data Geol. Ref.: No Data **Substrate Material:** No Data

**Land Form** 

Rel/Slope Class: Undulating plains <9m 3-10% Pattern Type: Sand plain Morph. Type: Elem. Type: Ridge Relief: 6 metres Beach ridge Slope Category: No Data Aspect: No Data Slope: 0 %

Surface Soil Condition (dry):

**Erosion:** 

**Soil Classification** 

**Australian Soil Classification: Mapping Unit:** N/A Haplic Calcic Red Chromosol **Principal Profile Form:** N/A

**Great Soil Group:** Solonized brown **ASC Confidence:** 

No analytical data are available but confidence is fair. soil

Site Disturbance: No effective disturbance. Natural

Vegetation:

Mid Strata - Shrub, , . \*Species includes - Bassia species

(2 - 10 %), Calcareous, , Soft segregations;

Tall Strata - Tree mallee, , . \*Species includes - Eucalyptus species, Melaleuca unicinata

### **Surface Coarse Fragments:**

### **Profile Morphology**

0 - 0.1 m	Reddish yellow (7.5YR6/5-Moist); ; Sand; Single grain grade of structure; Loose consistence; Field pH 7 (pH meter); Common
0.1 - 0.3 m	Reddish yellow (7.5YR7/6-Moist); ; Sand; Single grain grade of structure; Loose consistence; Field pH 6.5 (pH meter); Common
0.3 - 0.46 m	Reddish yellow (7.5YR7/6-Moist); ; Sand; Single grain grade of structure; Loose consistence; Common
0.46 - 0.61 m	Reddish yellow (5YR6/8-Moist); ; Clay loam, sandy; , Angular blocky; Very strong consistence; Field pH 8 (pH meter);
0.61 - 0.91 m	Reddish yellow (5YR6/8-Moist); ; Clay loam, sandy; , Angular blocky; Strong consistence; Few

# **Morphological Notes**

## **Observation Notes**

### **Site Notes**

**MILLEWA** 

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# **Laboratory Test Results:**

Depth	рН						CEC	ECEC	ESP	
m		dS/m	Ca Mo	9	K	Na Cmol (+)/	Acidity kg			%
0 - 0.1 0.1 - 0.3 0.3 - 0.46 0.46 - 0.61 0.61 - 0.91										
Depth	CaCO3	Organic C	Avail. P	Total P	Total N	Total K	Bulk Density	Particle GV CS		Analysis Silt Clay
m	%	%	mg/kg	%	%	%	Mg/m3	GV CS	<b>гз</b> %	Silt Clay
0 - 0.1										
0.1 - 0.3										
0.3 - 0.46										
0.46 - 0.61										
0.61 - 0.91										
Depth	COLE		Gravimetric/Volumetric Water Contents							K unsat

Depth	COLE	Gravimetric/Volumetric Water Contents							K sat	K unsat
		Sat.	0.05 Bar	0.1 Bar	0.5 Bar	1 Bar	5 Bar	15 Bar		
m		g/g - m3/m3							mm/h	mm/h

0 - 0.1 0.1 - 0.3 0.3 - 0.46 0.46 - 0.61 0.61 - 0.91

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**Laboratory Analyses Completed for this profile**