Project Name: Eyre Peninsula Soil Survey

Project Code: EP Site ID: A1223 Observation ID: 1

Agency Name: CSIRO Division of Soils (SA)

Site Information

Desc. By: Malcolm J. Wright Locality: Near Mount Wedge, Mt Wedge district.

 Date Desc.:
 20/10/83
 Elevation:
 No Data

 Map Ref.:
 1:100000
 Rainfall:
 No Data

 Northing/Long.:
 135.16666667
 Runoff:
 Slow

Easting/Lat.: -33.5 Drainage: Imperfectly drained

<u>Geology</u>

ExposureType: Soil pit Conf. Sub. is Parent. Mat.: No Data

Geol. Ref.: No Data Substrate Material: No Data

**Land Form** 

 Rel/Slope Class:
 No Data
 Pattern Type:
 No Data

 Morph. Type:
 No Data
 Relief:
 No Data

 Elem. Type:
 Plain
 Slope Category:
 No Data

 Slope:
 %
 Aspect:
 No Data

Surface Soil Condition (dry):

**Erosion:** 

**Soil Classification** 

Australian Soil Classification:Mapping Unit:N/AN/APrincipal Profile Form:Um1.31ASC Confidence:Great Soil Group:N/A

Confidence level not specified

Site Disturbance:

Vegetation:

**Surface Coarse Fragments:** 

**Profile Morphology** 

0 - 0.04 m Black (10YR2/1-Moist); Grey (10YR5/1-Dry); ; Loam; , Columnar; Massive grade of structure;

Firm consistence; Few (2 - 10 %), Calcareous, Concretions; Many, fine (1-2mm) roots;

0.04 - 0.08 m Black (10YR2/1-Moist); Grey (10YR5/1-Dry); ; Loam; , Columnar; Massive grade of structure;

Weak consistence; Few (2 - 10 %), Calcareous, , Concretions;

0.08 - 0.11 m ;

**Morphological Notes** 

Many fine roots and root channels. Structure is columnar blocky to massive.

Texture is L to light CL. Structure is columnar blocky to massive.

Calcrete with gastropod fossils. At first platy to 3 cms then massive below.

Observation Notes

Cleared vegetation. Parent material Fossiliferous limestones.

Site Notes

Landform: Plain/lacustrine sediments.

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**Laboratory Test Results:** 

Depth	pН	1:5 EC		Exchangeable Cations			Exchangeable	CEC	ECEC	ESP
			Ca	Mg	K	Na	Acidity			
m		dS/m			Cmol	(+)/kg			%	

0 - 0.04 0.04 - 0.08 0.08 - 0.11

Depth	CaCO3	Organic	Avail.	Total	Total	Total	Bulk	P	article	Size	Analysi	is
		С	P	Р	N	K	Density	G۷	CS	FS	Silt	Clay
m	%	%	ma/ka	%	%	%	Ma/m3			%		

0 - 0.04 0.04 - 0.08 0.08 - 0.11

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

0 - 0.04 0.04 - 0.08 0.08 - 0.11

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**Laboratory Analyses Completed for this profile**