

**Project Name:** Eyre Peninsula Soil Survey  
**Project Code:** EP **Site ID:** A1226 **Observation ID:** 1  
**Agency Name:** CSIRO Division of Soils (SA)

#### Site Information

<b>Desc. By:</b>	Malcolm J. Wright	<b>Locality:</b>	West of Colley, Venus district.
<b>Date Desc.:</b>	20/10/83	<b>Elevation:</b>	No Data
<b>Map Ref.:</b>	1:100000	<b>Rainfall:</b>	No Data
<b>Northing/Long.:</b>	134.65	<b>Runoff:</b>	Slow
<b>Easting/Lat.:</b>	-33.06666667	<b>Drainage:</b>	Poorly drained

#### Geology

<b>ExposureType:</b>	Soil pit	<b>Conf. Sub. is Parent. Mat.:</b>	No Data
<b>Geol. Ref.:</b>	No Data	<b>Substrate Material:</b>	No Data

#### Land Form

<b>Rel/Slope Class:</b>	No Data	<b>Pattern Type:</b>	No Data
<b>Morph. Type:</b>	No Data	<b>Relief:</b>	No Data
<b>Elem. Type:</b>	No Data	<b>Slope Category:</b>	No Data
<b>Slope:</b>	%	<b>Aspect:</b>	No Data

#### Surface Soil Condition (dry):

#### Erosion:

#### Soil Classification

<b>Australian Soil Classification:</b>	N/A	<b>Mapping Unit:</b>	N/A
<b>ASC Confidence:</b>	Confidence level not specified	<b>Principal Profile Form:</b>	Dr2.53
		<b>Great Soil Group:</b>	N/A

#### Site Disturbance:

#### Vegetation:

#### Surface Coarse Fragments:

#### Profile Morphology

A1	0 - 0.1 m	Dark reddish brown (5YR3/3-Moist); Brown (7.5YR5/4-Dry); ; Fine sandy loam; Massive grade of structure; Weak grade of structure, Platy; Very firm consistence; Few (2 - 10 %), Calcareous, , Soft segregations; Very few (0 - 2 %), Calcareous, Fine (0 - 2 mm), Concretions; , fine (1-2mm) roots; Sharp change to -
B	0.1 - 0.2 m	Dark red (2.5YR2/6-Moist); Dark red (2.5YR3/6-Dry); ; Clay loam; Massive grade of structure; Weak grade of structure, Angular blocky; Strong consistence; Common
	0.2 - 0.3 m	Dark red (2.5YR2/6-Moist); Dark reddish brown (2.5YR3/4-Dry); ; Clay loam; Weak grade of structure, Angular blocky; Moderate grade of structure, Angular blocky; Very firm consistence; Common, fine (1-2mm) roots;
	0.3 - 0.4 m	Dark reddish brown (2.5YR3/4-Moist); Dark red (2.5YR3/6-Dry); ; Light clay; Massive grade of structure; Weak grade of structure, Angular blocky; Very firm consistence; Common, fine (1-2mm) roots;
	0.4 - 0.5 m	Dark reddish brown (2.5YR3/4-Moist); Dark red (2.5YR3/6-Dry); ; Light clay; Weak grade of structure, Angular blocky; Moderate grade of structure, Angular blocky; Very firm consistence; Common, fine (1-2mm) roots;
	0.5 - 0.6 m	Dark reddish brown (2.5YR3/4-Moist); Dark red (2.5YR3/6-Dry); ; Light clay; Weak grade of structure, Angular blocky; Moderate grade of structure, Angular blocky; Very firm consistence; Common (10 - 20 %), Calcareous, , Soft segregations; Very few (0 - 2 %), Calcareous, , Concretions; Common, fine (1-2mm) roots; Clear change to -
	0.6 - 0.77 m	Dark red (10R3/6-Moist); Red (2.5YR4/5-Dry); ; Medium clay (Light); , Angular blocky; Weak consistence; Common (10 - 20 %), Calcareous, , Soft segregations; Very few (0 - 2 %), Calcareous, , Concretions;

#### Morphological Notes

B  
Texture is CL to LC.  
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Carbonate mostly in pockets or coating peds. Consistence: Aggregations coherent to firm but fragile between them. Structure is fine AB.

#### Observation Notes

Cleared vegetation. Soil Family: Unit 40 (Colley).

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0 - 0.1  
0.1 - 0.2  
0.2 - 0.3  
0.3 - 0.4  
0.4 - 0.5  
0.5 - 0.6  
0.6 - 0.77

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Laboratory Analyses Completed for this profile