

Project Name: Soils of the MonartoTown Site
Project Code: Monarto **Site ID:** A1191 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (SA)

Site Information

Desc. By:	Malcolm J. Wright	Locality:	
Date Desc.:	21/11/75	Elevation:	No Data
Map Ref.:	1:50000	Rainfall:	No Data
Northing/Long.:	6122730 AMG zone: 54	Runoff:	No Data
Easting/Lat.:	338400 Datum: AGD66	Drainage:	No Data

Geology

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:	No Data	Slope Category:	No Data
Slope:	%	Aspect:	No Data

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification:	N/A	Mapping Unit:	N/A
ASC Confidence:	Confidence level not specified	Principal Profile Form:	Gc1.12
		Great Soil Group:	N/A

Site Disturbance:

Vegetation:

Surface Coarse Fragments:

Profile Morphology

0 - 0.08 m	Yellowish red (5YR3/6-Moist); ; Sandy loam; Massive grade of structure; Very weak consistence; Very few (0 - 2 %), Calcareous, , Nodules; Diffuse change to -
0.08 - 0.3 m	Yellowish red (5YR5/6-Moist); ; Sandy loam; Massive grade of structure; Very weak consistence; Very few (0 - 2 %), Calcareous, , Nodules; Diffuse change to -
0.3 - 0.5 m	Reddish yellow (5YR7/8-Moist); ; Sandy clay loam; Massive grade of structure; Firm consistence; Few (2 - 10 %), Calcareous, , Nodules; Diffuse change to -
0.5 - 0.9 m	Reddish yellow (5YR7/6-Moist); , 5YR46; Fine sandy clay; Massive grade of structure; Strong consistence; Few (2 - 10 %), Calcareous, , Soft segregations; Diffuse change to -
0.9 - 1.7 m	Dark reddish brown (5YR3/3-Moist); , 10YR31; Clay loam; , Angular blocky; Strong consistence; Few (2 - 10 %), Calcareous, , Soft segregations;

Morphological Notes

Soft calcareous throughout.
Large calcareous layer.
FSC texture is uncertain.

Observation Notes

Site Notes

Observation ID: 1

Laboratory Test Results:

[illegible]

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Laboratory Analyses Completed for this profile

15_NR_CA	Exch. basic cations (Ca++) - meq per 100g of soil - Not recorded
15_NR_CEC	CEC - meq per 100g of soil - Not recorded
15_NR_K	Exch. basic cations (K++) - meq per 100g of soil - Not recorded
15_NR_MG	Exch. basic cations (Mg++) - meq per 100g of soil - Not recorded
15_NR_NA	Exch. basic cations (Na++) - meq per 100g of soil - Not recorded
19B_NR	Calcium Carbonate (CaCO3) - Not recorded
2_LOI	Loss on Ignition (%)
2A1	Air-dry moisture content
3A1	EC of 1:5 soil/water extract
4A1	pH of 1:5 soil/water suspension
5_NR	Water soluble Chloride - Cl(%) - Not recorded
P10_NR_C	Clay (%) - Not recorded
P10_NR_FS	Fine sand (%) - Not recorded
P10_NR_S	Sand (%) - Not recorded
P10_NR_Z	Silt (%) - Not recorded