

Project Name: MUR
Project Code: MUR **Site ID:** C111 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (NSW)

Site Information

Desc. By:	H.M. Churchwood	Locality:	200m from west bndry, 240m from north bndry; hunder of Whymoul:
Date Desc.:	27/10/53	Elevation:	No Data
Map Ref.:	Sheet No. : 7826 1:100000	Rainfall:	0
Northing/Long.:	144.5	Runoff:	Rapid
Easting/Lat.:	-35.5	Drainage:	Well drained

Geology

Exposure Type:	No Data	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	No Data	Substrate Material:	No Data

Land Form

Rel/Slope Class:	No Data	Pattern Type:	Sand plain
Morph. Type:	No Data	Relief:	No Data
Elem. Type:	Dune	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:	N/A
		Great Soil Group:	Solonized brown soil

Site Disturbance:

Vegetation:

Surface Coarse Fragments:

Profile Morphology

A1	0 - 0.05 m	Yellowish red (5YR4/6-Moist); ; Sand; Weak grade of structure, 5-10 mm, Granular; Moist; Very weak consistence;
A2	0.05 - 0.22 m	Yellowish red (5YR4/6-Moist); ; Sand; Weak grade of structure, 20-50 mm, Subangular blocky; Moderately moist; Very weak consistence;
A3	0.22 - 0.4 m	Reddish brown (5YR4/4-Moist); ; Sand; Weak grade of structure, 10-20 mm, Angular blocky; Dry; Firm consistence;
A4	0.53 - 0.45 m	Yellowish red (5YR5/6-Moist); ; Sand; Weak grade of structure, 10-20 mm, Angular blocky; Dry; Firm consistence;
B11	0.86 - 1.06 m	Red (2.5YR5/6-Moist); ; Sand; Massive grade of structure; Dry; Weak consistence;
B12	1.16 - 1.32 m	Red (2.5YR5/8-Moist); ; Clay loam, sandy; Massive grade of structure; Moderately moist; Weak consistence; Few (2 - 10 %), Calcareous, , Soft segregations;
B13	1.32 - 1.6 m	Red (2.5YR5/8-Moist); ; Sandy clay loam; Moist; Firm consistence; Few (2 - 10 %), Calcareous, , Soft segregations;
B21	1.6 - 1.77 m	Reddish yellow (7.5YR8/6-Moist); ; Sand; Moderately moist; Weak consistence; Common (10 - 20 %), Calcareous, , Soft segregations;
C1	2.15 - 2.28 m	Red (2.5YR5/8-Moist); ; Sand; Moderately moist; Very weak consistence; Few (2 - 10 %), Calcareous, , Soft segregations;
C2	2.28 - 2.43 m	Reddish yellow (5YR6/8-Moist); ; Sandy clay loam; Moderately moist; Weak consistence; Few (2 - 10 %), Calcareous, Coarse (6 - 20 mm), Concretions;
D3	2.87 - 3.25 m	Reddish yellow (5YR7/6-Moist); ; Light clay; Moderately moist; Weak consistence; 2-10%, rounded, Gravel, coarse fragments;

Morphological Notes

Observation Notes

WETTUPPA SAND

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Laboratory Test Results:

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

Depth	CaCO3	Organic	Avail.	Total	Total	Total	Bulk	Particle	Size	Analysis	
m	%	C	P	P	N	K	Density	GV	CS	FS	Silt Clay
		%	mg/kg	%	%	%	Mg/m3			%	

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

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Laboratory Analyses Completed for this profile