

Project Name: MUR
Project Code: MUR **Site ID:** C107 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (NSW)

Site Information

Desc. By:	H.M. Churchwood	Locality:	About the centre of hundreD of Whymoul portion 10.Shelf to 106:
Date Desc.:	31/10/53	Elevation:	76 metres
Map Ref.:	Sheet No. : 7826 1:100000	Rainfall:	340
Northing/Long.:	144.5	Runoff:	Slow
Easting/Lat.:	-35.5	Drainage:	Poorly 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:	No Data	Pattern Type:	Alluvial plain
Morph. Type:	No Data	Relief:	No Data
Elem. Type:	Plain	Slope Category:	No Data
Slope:	0 %	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:	Grey clay

Site Disturbance:

Vegetation:

Surface Coarse Fragments:

Profile Morphology

A11	0 - 0.02 m	Dark greyish brown (2.5Y4/2-Moist); , 10YR53; Medium clay (Light); Weak grade of structure, 5-10 mm, Angular blocky; Moderately moist; Weak consistence;
A12	0.02 - 0.05 m	Dark grey (5Y4/1-Moist); , 5YR56; Medium clay (Light); Weak grade of structure, 5-10 mm, Angular blocky; Moderately moist; Firm consistence; Very few (0 - 2 %), Ferruginous, Medium (2 - 6 mm), Concretions;
B11	0.07 - 0.2 m	Very dark grey (5Y3/1-Moist); , 5YR56; Medium clay (Heavy); Weak grade of structure, 50-100 mm, Prismatic; Moderately moist; Firm consistence;
B12	0.2 - 0.38 m	Very dark grey (5Y3/0-Moist); , 5YR56; Medium clay (Heavy); Moderately moist; Firm consistence; Very few (0 - 2 %), Ferruginous, Medium (2 -6 mm), Concretions;
B13	0.38 - 0.63 m	Very dark grey (2.5Y3/0-Moist); , 2.5Y62; Medium clay; Moderately moist; Very firm consistence;
B14	0.63 - 0.81 m	Very dark grey (2.5Y3/0-Moist); , 2.5Y62; Medium clay (Light); Moderately moist; Very firm consistence; 0-2%, fine gravelly, 2-6mm, angular, Quartz, coarse fragments;
B21	0.88 - 1.06 m	Greyish brown (2.5Y5/2-Moist); , 2.5Y74; , 5Y31; Medium clay; Moderately moist; Firm consistence; Few (2 - 10 %), Calcareous, Medium (2 -6 mm), Concretions;
C21	1.24 - 1.42 m	Pale yellow (5Y7/4-Moist); , 5Y63; , 7.5YR68; Medium clay; Moderately moist; Firm consistence; Very few (0 - 2 %), Calcareous, , Concretions;
C2	1.65 - 1.82 m	Pale yellow (5Y7/3-Moist); , 7.5YR68; , 5Y41; Medium clay; Moist; Firm consistence; Very few (0 - 2 %), Calcareous, , Concretions;
C3	2.03 - 2.23 m	Pale yellow (5Y7/3-Moist); , 10YR66; Medium clay (Light); Moist; Firm consistence; 0-2%, fine gravelly, 2-6mm, angular, Quartz, coarse fragments;
C4	2.51 - 2.74 m	Pale yellow (5Y7/3-Moist); , 5Y83; , 5Y42; Medium clay (Heavy); Moist; Firm consistence;

Morphological Notes

Observation Notes

Site Notes

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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