

Project Name: MUR
Project Code: MUR **Site ID:** C104 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (NSW)

Site Information

Desc. By:	H.M. Churchwood	Locality:	Midway along Se bndry just off Thule Rd.
Date Desc.:	09/10/53	Elevation:	76 metres
Map Ref.:	Sheet No. : 7826 1:100000	Rainfall:	330
Northing/Long.:	144.5	Runoff:	Moderately rapid
Easting/Lat.:	-35.5	Drainage:	Moderately well 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:	No Data
Morph. Type:	No Data	Relief:	No Data
Elem. Type:	No Data	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:	Solodized solonetz

Site Disturbance:

Vegetation:

Tall Strata - Tree, 6.01-12m, Very sparse. *Species includes - None Recorded

Surface Coarse Fragments:

Profile Morphology

A1	0 - 0.15 m	Reddish brown (5YR4/3-Moist); ; Sand; Single grain grade of structure; Moist; Very weak consistence; 2-10%, rounded, Gravel, coarse fragments;
B11	0.2 - 0.23 m	Brown (7.5YR4/2-Moist); ; 5YR58; ; 2.5YR48; Sandy light clay; Strong grade of structure, 200-500 mm, Columnar; Moderately moist; Firm consistence;
B12	0.23 - 0.3 m	Dark reddish brown (5YR3/4-Moist); ; 5YR56; Sandy medium clay; Strong grade of structure, 200-500 mm, Columnar; Weak grade of structure, 5-10 mm, Angular blocky; Moderately moist; Firm consistence;
B13	0.35 - 0.4 m	Dark reddish brown (5YR3/4-Moist); ; 5YR38; ; 2.5YR38; Sandy medium clay; Strong grade of structure, 10-20 mm, Angular blocky; Moderately moist; Weak consistence;
B21	0.4 - 0.45 m	Pale yellow (2.5Y7/4-Moist); ; 5YR66; Sandy medium clay; Moderate grade of structure, 5-10 mm, Angular blocky; Moist; Weak consistence; Very few (0 - 2 %), Calcareous, , Concretions;
B22	0.5 - 0.55 m	Pale yellow (2.5Y7/4-Moist); ; 7.5YR54; ; 5YR56; Sandy medium clay; Moderate grade of structure, 10-20 mm, Angular blocky; Moderately moist; Firm consistence; Common (10 - 20 %), Calcareous, , Concretions;
B23	0.66 - 0.86 m	Pale yellow (2.5Y7/4-Moist); ; 5YR48; ; 5Y62; Sandy medium clay; Moderate grade of structure, 10-20 mm, Subangular blocky; Moist; Weak consistence; Common (10 - 20 %), Calcareous, , Concretions;
C	0.94 - 1.07 m	White (5Y8/2-Moist); ; 2.5Y74; ; 5Y62; Sandy medium clay; Moderate grade of structure, 10-20 mm, Angular blocky; Moist; Weak consistence; Few (2 - 10 %), Calcareous, , Soft segregations;
D11	1.32 - 1.45 m	Light olive grey (5Y6/2-Moist); ; 7.5YR56; ; 10YR78; Medium clay; Moderately moist; Weak consistence; 0-2%, fine gravelly, 2-6mm, angular, Quartz, coarse fragments; Very few (0 - 2 %), Ferruginous, , Soft segregations;
D12	1.6 - 1.8 m	Light olive grey (5Y6/2-Moist); ; 10YR58; ; 5Y83; Medium clay (Heavy); Moist; Firm consistence; Very few (0 - 2 %), Calcareous, , Concretions;
D13	1.93 - 2.13 m	Light grey (5Y7/2-Moist); ; 10YR78; Medium clay (Heavy); Moist; Firm consistence; 2-10%, coarse fragments; Few (2 - 10 %), Calcareous, , Soft segregations;

Project Name: MUR
Project Code: MUR **Site ID:** C104 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (NSW)

D14 2.26 - 2.41 m Very pale brown (10YR7/3-Moist); , 5Y72; Light clay; Moderately moist; Weak consistence;
D15 2.56 - 2.76 m White (5Y8/2-Moist); , 10YR68; , 7.5YR78; Fine sandy medium clay; Moderately moist; Weak consistence;

Morphological Notes

Observation Notes

DANBERRY SAND;SEE ORIGINAL FOR MORE DETAIL:

Site Notes

WAKOOL SHIRE

Project Name: MUR

Project Code: MUR

Agency Name: CSIRO Division of Soils (NSW)

Site ID: C104

Observation ID: 1

Laboratory Test Results:

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

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		
m					g/g -	m3/m3		mm/h	mm/h

Project Name: MUR
Project Code: MUR Site ID: C104 Observation ID: 1
Agency Name: CSIRO Division of Soils (NSW)

Laboratory Analyses Completed for this profile