

Project Name: NSF
Project Code: NSF Site ID: VW68 Observation ID: 1
Agency Name: CSIRO Division of Soils (VIC)

Site Information

Desc. By:		Locality:	
Date Desc.:	//	Elevation:	No Data
Map Ref.:		Rainfall:	0
Northing/Long.:	143.5	Runoff:	No Data
Easting/Lat.:	-35.8	Drainage:	No Data

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): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
N/A		Principal Profile Form:	Dr2.33
ASC Confidence:		Great Soil Group:	Red-brown earth
Confidence level not specified			

Site Disturbance:

Vegetation:

Surface Coarse Fragments:

Profile Morphology

A	0 - 0.1 m	Dark reddish brown (5YR3/3-Moist); ; Sandy clay loam; Massive grade of structure;
A2sb	0.1 - 0.12 m	Dark reddish brown (5YR3/3-Moist); ; Sandy clay loam; Massive grade of structure;
B21	0.12 - 0.2 m	Reddish brown (5YR4/4-Moist); ; Medium clay; Moderate grade of structure;
B22	0.2 - 0.4 m	Reddish brown (5YR4/4-Moist); ; Medium clay; Moderate grade of structure; Few (2 - 10 %), Calcareous, , Soft segregations;
B23	0.4 - 1 m	Reddish brown (5YR4/4-Moist); , 5YR84; Medium clay; Moderate grade of structure; Common (10 - 20 %), Calcareous, , Soft segregations;
B23	1 - 1.1 m	Reddish brown (5YR4/4-Moist); , 5YR84; Medium clay; Moderate grade of structure; Common (10 - 20 %), Calcareous, , Soft segregations;
	1.1 - 1.4 m	;

Morphological Notes

Observation Notes

Site Notes

QUAMBATOOK

Observation ID: 1

Depth m	pH	1:5 EC dS/m	Ca	Exchangeable Mg	Cations K	Na Cmol (+)/kg	Exchangeable Acidity	CEC	ECEC	ESP %
0 - 0.1			11K	4.1	1.9	1				
0.1 - 0.2			15K	8.4	2.5	2.5				
0.2 - 0.3										
0.3 - 0.4	9.2I	0.45D								
0.4 - 0.5	9.3I	0.58D								
0.5 - 0.6										
0.6 - 0.7	9.3I	0.88D								
0.7 - 0.8	9.3I	1.19D								
0.8 - 0.9	9.2I	1.38D								
0.9 - 1			4.2K	10	2	9.8				

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			%		
0 - 0.1					0.071B				33C	30	8	22
0.1 - 0.2					0.045B				26C	22	5	43
0.2 - 0.3					0.032B							
0.3 - 0.4		0.4A										
0.4 - 0.5		0.28A										
0.5 - 0.6					0.02B							
0.6 - 0.7		0.18A										
0.7 - 0.8		0.15A										
0.8 - 0.9		0.15A										
0.9 - 1					0.015B				17C	14	3	50

[illegible]

Laboratory Test Results:

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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_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
3_C_B	Electrical conductivity or soluble salts - Total soluble salts %
4A_C_2.5	pH of soil - pH of 1:2.5 soil/water suspension
5_C_B	Water soluble Chloride - Method recorded as B
6A1	Organic carbon - Walkley and Black
7_NR	Total nitrogen (%) - Not recorded
MIN_EC	Exchange Capacity - Mineralogy
P10_NR_C	Clay (%) - Not recorded
P10_NR_CS	Coarse sand (%) - Not recorded
P10_NR_FS	Fine sand (%) - Not recorded
P10_NR_Z	Silt (%) - Not recorded
XRD_C_II	Illite - X-Ray Diffraction
XRD_C_Is	Interstratified clay minerals - X-Ray Diffraction
XRD_C_Ka	Kaolin - X-Ray Diffraction
XRD_C_Qz	Quartz - X-Ray Diffraction