Project Name: NSF
Project Code: NSF **Site ID:** VW92 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (VIC)

Site Information

Desc. By:
Date Desc.: //
Map Ref.:
Northing/Long.: 142.666666666667
Easting/Lat.: -35.6666666666667
Locality:
Elevation: No Data
Rainfall: 0
Runoff: No Data
Drainage: No Data

Geology

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

Land Form

Rel/Slope Class: No Data
Morph. Type: No Data
Elem. Type: No Data
Slope: %
Pattern Type: No Data
Relief: No Data
Slope Category: No Data
Aspect: No Data

Surface Soil Condition (dry):

Erosion:

Soil Classification

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

Site Disturbance:

Vegetation:

Surface Coarse Fragments:

Profile Morphology

0 - 0.1 m	Dark reddish grey (5YR4/2-Moist); ; Loamy sand; Common (10 - 20 %), Calcareous, , Soft segregations; Gradual change to -
0.1 - 0.2 m	Reddish brown (5YR4/3-Moist); ; Sandy clay loam; Common (10 - 20 %), Calcareous, , Soft segregations; Gradual change to -
0.2 - 0.3 m	Reddish brown (5YR4/3-Moist); ; Sandy medium clay; Common (10 - 20 %), Calcareous, , Soft segregations; Gradual change to -
0.3 - 0.5 m	Reddish brown (5YR4/3-Moist); ; Light clay; Common (10 - 20 %), Calcareous, , Soft segregations; Gradual change to -
0.5 - 1 m	Reddish brown (5YR5/4-Moist); ; Medium clay; Common (10 - 20 %), Calcareous, , Soft segregations; Gradual change to -
1 - 1.1 m	Reddish brown (5YR5/4-Moist); ; Medium clay; Common (10 - 20 %), Calcareous, , Soft segregations;
1.1 - 1.4 m	;

Morphological Notes

Observation Notes

VW72/W6

Site Notes

WOOMELANG

Project Name: NSF
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Laboratory Test Results:

Depth	pH	1:5 EC	Exchangeable Cations				Exchangeable	CEC	ECEC	ESP
			Ca	Mg	K	Na	Acidity			
m		dS/m	Cmol (+)/kg							%
0 - 0.1			13K	4.7	1.1	0.5				
0.1 - 0.2										
0.2 - 0.3										
0.3 - 0.4			6.6K	10.8	1.1	3.6				
0.4 - 0.5	9.4I	0.72D								
0.5 - 0.6										
0.6 - 0.7	9.5I	0.9D								
0.7 - 0.8	9.4I	0.97D								
0.8 - 0.9	9.3I	1.13D								
0.9 - 1			3.7K	8.9	1.1	7.5				

Depth	CaCO3	Organic	Avail.	Total	Total	Total	Bulk	Particle Size Analysis				
		C	P	P	N	K	Density	GV	CS	FS	Silt	Clay
m	%	%	mg/kg	%	%	%	Mg/m3			%		
0 - 0.1					0.065A				40C	36	1	21
0.1 - 0.2					0.045A							
0.2 - 0.3					0.037A							
0.3 - 0.4									34C	21	3	28
0.4 - 0.5		0.15A										
0.5 - 0.6					0.015A							
0.6 - 0.7		0.11A										
0.7 - 0.8		0.09A										
0.8 - 0.9		0.09A										
0.9 - 1					0.014A				36C	21	3	32

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
0 - 0.1									
0.1 - 0.2									
0.2 - 0.3									
0.3 - 0.4									
0.4 - 0.5									
0.5 - 0.6									
0.6 - 0.7									
0.7 - 0.8									
0.8 - 0.9									
0.9 - 1									

Project Name: **NSF**
Project Code: **NSF** **Site ID:** **VW92** **Observation ID:** **1**
Agency Name: **CSIRO Division of Soils (VIC)**

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
7A2	Total nitrogen - semimicro Kjeldahl , automated colour
MIN_EC	Exchange Capacity - Minerology
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_Il	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