Project Name: NSF
Project Code: NSF **Site ID:** VW76 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (VIC)

Site Information

Desc. By:
Date Desc.: //
Map Ref.:
Northing/Long.: 142.316666666667
Easting/Lat.: -36.5666666666667
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: 0 %
Pattern Type: No Data
Relief: No Data
Slope Category: No Data
Aspect: No Data

Surface Soil Condition (dry): Self-mulching

Erosion:

Soil Classification

Australian Soil Classification:
N/A
ASC Confidence:
Confidence level not specified
Mapping Unit: N/A
Principal Profile Form: Ug5.35
Great Soil Group: Brown clay

Site Disturbance:

Vegetation:

Surface Coarse Fragments:

Profile Morphology

A	0 - 0.3 m	Dark brown (7.5YR3/2-Moist); ; Light medium clay; Moderate grade of structure; Few (2 - 10 %), Calcareous, , Soft segregations;
B21	0.3 - 0.6 m	Yellowish red (5YR4/6-Moist); ; Medium clay; Moderate grade of structure; Very few (0 - 2 %), Calcareous, , Soft segregations;
B22k	0.6 - 1 m	Reddish brown (5YR5/4-Moist); , 5YR84; Medium clay; Moderate grade of structure; Many (20 - 50 %), Calcareous, , Soft segregations;
B22k	1 - 1.1 m	Reddish brown (5YR5/4-Moist); , 5YR84; Moderate grade of structure; Many (20 - 50 %), Calcareous, , Soft segregations;
	1.1 - 1.4 m	;

Morphological Notes

Observation Notes

VW71/W18

Site Notes

JUNG

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Laboratory Test Results:

m		dS/m	Ca	Mg	K	Na	Acidity					%
						Cmol (+)/kg						
0 - 0.1			31K	5.4	2.5	1.6						
0.1 - 0.2												
0.2 - 0.3												
0.3 - 0.4			23K	11	1.5	5.2						
0.4 - 0.5	8.9I	0.64D										
0.5 - 0.6												
0.6 - 0.7	8.8I	1.14D										
0.7 - 0.8	8.8I	1.37D										
0.8 - 0.9	8.6I	1.73D										
0.9 - 1			14K	12	1.7	9.9						

Depth m	CaCO3 %	Organic C %	Avail. P mg/kg	Total P %	Total N %	Total K %	Bulk Density Mg/m3	Particle Size Analysis GV	CS	FS %	Silt	Clay
0 - 0.1					0.096A				15C	17	24	33
0.1 - 0.2					0.068A							
0.2 - 0.3					0.042A							
0.3 - 0.4									10C	11	6	53
0.4 - 0.5		0.39A										
0.5 - 0.6					0.028A							
0.6 - 0.7		0.32A										
0.7 - 0.8		0.26A										
0.8 - 0.9		0.23A										
0.9 - 1					0.02A				13C	13	5	57

Depth m	COLE	Gravimetric/Volumetric Water Contents Sat.	0.05 Bar	0.1 Bar	0.5 Bar	1 Bar	5 Bar	15 Bar	K sat mm/h	K unsat mm/h
		g/g - m3/m3								
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										

Depth	pH	1:5 EC	Exchangeable Cations	Exchangeable	CEC	ECEC	ESP

Project Name: **NSF**
Project Code: **NSF** **Site ID:** **VW76** **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