NSF **Project Name:**

Project Code: NSF Site ID: VP96 Observation ID: 1

Agency Name: **CSIRO Division of Soils (VIC)**

Site Information

Desc. By: Date Desc.: Locality: Elevation: No Data Map Ref.: Sheet No.: 8422 1:100000 Rainfall: 690 Northing/Long.: 147.5 Runoff: No Data

Easting/Lat.: -37.9666666666667 Drainage: Imperfectly drained

Geology

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

Land Form

Rel/Slope Class: No Data Pattern Type: No Data Morph. Type: Elem. Type: No Data Relief: No Data No Data **Slope Category:** No Data No Data Slope: 2 % Aspect:

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification: Mapping Unit: N/A Principal Profile Form: Dy2.12 **ASC Confidence: Great Soil Group:** Solodic soil

Confidence level not specified

Site Disturbance: Complete clearing. Pasture, native or improved, cultivated at some stage

Vegetation:

Surface Coarse Fragments:

Profile	Morpi	holoav
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0 - 0.03 m	Very dark greyish brown (10YR3/2-Moist); ; Clayey sand; Weak grade of structure, 5-10 mm, Subangular blocky; Very weak consistence;
0.03 - 0.1 m	Very dark greyish brown (2.5Y3/2-Moist); ; Sandy clay loam; Moderate grade of structure, 5-10 mm, Subangular blocky; Weak consistence;
0.1 - 0.2 m	Dark greyish brown (2.5Y4/3-Moist); ; Light clay; Strong grade of structure, 10-20 mm, Subangular blocky; Very strong consistence;
0.2 - 0.3 m	Dark greyish brown (2.5Y4/3-Moist); ; Heavy clay; Strong grade of structure, 10-20 mm, Subangular blocky; Very strong consistence;
0.3 - 0.4 m	Olive brown (2.5Y4/4-Moist); ; Heavy clay; Strong grade of structure, 10-20 mm, Subangular blocky; Very strong consistence;
0.4 - 0.5 m	Olive brown (2.5Y4/4-Moist); ; Heavy clay; Strong grade of structure, 10-20 mm, Subangular blocky; Very strong consistence;
0.5 - 0.6 m	Olive brown (2.5Y4/4-Moist); ; Heavy clay; Strong grade of structure, 10-20 mm, Subangular blocky; Very strong consistence;
0.6 - 0.7 m	Olive brown (2.5Y4/4-Moist); ; Heavy clay; Strong grade of structure, 10-20 mm, Subangular blocky; Very strong consistence;
0.7 - 0.8 m	Olive brown (2.5Y4/4-Moist); , 10R36, 2-10%; , 2-10%; Heavy clay; Strong grade of structure, 10-20 mm, Subangular blocky; Very strong consistence;
0.8 - 0.9 m	Olive brown (2.5Y4/4-Moist); , 10R36, 10-20%; , 10YR56, 10-20%; Sandy medium clay; Strong grade of structure, 10-20 mm, Subangular blocky; Very strong consistence;
0.9 - 1 m	Olive (5Y4/3-Moist); , 10R36, 10-20%; , 10YR56, 10-20%; Sandy medium clay; Strong grade of structure, 10-20 mm, Subangular blocky; Very strong consistence;

Morphological Notes

Observation Notes

ORIGINALLY VP69/P4;MORPHOLOGY FROM SINGLE CORE No2;CHEM DATA FROM BULK OF 9 CORES;

Site Notes

Project Name: Project Code: Agency Name: NSF

NSF Site ID: VP96 CSIRO Division of Soils (VIC) Observation ID: 1

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Project Name: NSF
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Laboratory Test Results:

Laboratory	1621 K	<u> </u>										
Depth	рН	1:5 EC		hangeable			xchangeable	CEC	EC	EC	E	SP
			Ca	Mg	K	Na	Acidity					
m		dS/m				Cmol (+)/	/kg				%	o
0 - 0.03	5.51	0.17D	2.4K	1.3	0.4	0.3						
0.03 - 0.1	5.91	0.14D										
0.1 - 0.2	6.21	0.19D	3.3K	7.2	0.25	1.5						
0.2 - 0.3	6.31	0.19D										
0.3 - 0.4	6.51	0.21D										
0.4 - 0.5	6.61	0.27D										
0.5 - 0.6	6.81	0.24D										
0.6 - 0.7	6.91	0.3D										
0.7 - 0.8	71	0.32D										
0.8 - 0.9	71	0.38D	1.1K	6.1	0.15	3						
Depth	CaCO3	Organic	Avail.	Total	Total	Total	Bulk	Pa	rticle Si	ze A	nalysis	
•		Č	Р	Р	N	K	Density	G۷	CS F	S	Silt C	Clay
m	%	%	mg/kg	%	%	%	Mg/m3		ç	%		•
0 - 0.03					0.14	1A			32C	39	10	15
0.03 - 0.1					0.07	5A						
0.1 - 0.2					0.06	3A			31C	19	3	45
0.2 - 0.3												
0.3 - 0.4												
0.4 - 0.5					0.02	8A						
0.5 - 0.6												
0.6 - 0.7												
0.7 - 0.8												
0.8 - 0.9					0.01	9A			15C	18	0	61
Depth	COLE	_			lumetric W				K sat	K	(unsat	
m		Sat.	0.05 Bar		0.5 Bar g - m3/m3	1 Bar	5 Bar 1	5 Bar	mm/h		mm/h	
""				y/	g - 1113/1113)			111111/11		111111/11	
0 000												
0 - 0.03												
0.03 - 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												

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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

2A1 Air-dry moisture content

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
7A2 Total nitrogen - semimicro Kjeldahl , automated colour

MIN_EC Exchange Capacity - Minerology

P10_NR_C
P10_NR_C
Clay (%) - Not recorded
Coarse sand (%) - Not recorded
P10_NR_FS
P10_NR_Z
Silt (%) - Not recorded
Silt (%) - Not recorded
Silt (%) - Not recorded
WRD_C_Gt
WRD_C_II
WRD_C_II
WRD_C_Ka
Washin - X-Ray Diffraction
Kaolin - X-Ray Diffraction

XRD_C_Ka Kaolin - X-Ray Diffraction
XRD_C_Qz Quartz - X-Ray Diffraction
XRD_C_Vm Vermiculte - X-Ray Diffraction