Project Name: NSF
Project Code: NSF **Site ID:** VP86 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (VIC)

Site Information

Desc. By:		**Locality:**	
Date Desc.:	//	**Elevation:**	137 metres
Map Ref.:		**Rainfall:**	1098
Northing/Long.:	145.916666666667	**Runoff:**	No Data
Easting/Lat.:	-38.1833333333333	**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): N/A

Erosion:

Soil Classification

Australian Soil Classification:
N/A
ASC Confidence:
Confidence level not specified

Mapping Unit: N/A
Principal Profile Form: Gn4.31
Great Soil Group: Krasnozem

Site Disturbance:

Vegetation:

Surface Coarse Fragments:

Profile Morphology

0 - 0.1 m	Strong brown (7.5YR3/5-Moist); ; Clay loam; Moderate grade of structure; Gradual change to -
0.1 - 0.2 m	Brown (7.5YR4/2-Moist); ; Light clay; Moderate grade of structure; Gradual change to -
0.2 - 0.3 m	Brown (7.5YR4/4-Moist); ; Medium clay; Moderate grade of structure; Gradual change to -
0.3 - 0.5 m	Brown (7.5YR5/4-Moist); ; Medium clay; Moderate grade of structure; Gradual change to -
0.5 - 0.6 m	Reddish yellow (5YR8/8-Moist); , 2.5YR46; Medium clay; Moderate grade of structure; Few (2 - 10 %), Manganiferous, Medium (2 -6 mm), Nodules;
0.6 - 1 m	Reddish brown (5YR5/4-Moist); , 2.5YR46; Medium clay; Moderate grade of structure; Few (2 - 10 %), Manganiferous, Medium (2 -6 mm), Nodules;
1 - 1.1 m	Reddish yellow (7.5YR6/6-Moist); ; Medium clay; Moderate grade of structure; Few (2 - 10 %), Manganiferous, Medium (2 -6 mm), Nodules;
1.1 - 1.4 m	;

Morphological Notes

Observation Notes

VP72/P37

Site Notes

WARRAGUL

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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	5.6I	0.11D	10.9K	2.8	0.28	0.29				
0.1 - 0.2	5.5I	0.06D	7.7K	1.8	0.25	0.17				
0.2 - 0.3	5.5I	0.06D	6.4K	1.9	0.23	0.2				
0.3 - 0.4	5.5I	0.05D	5.1K	2.1	0.089	0.14				
0.4 - 0.5	5.3I	0.05D	4K	2.3	0.1	0.24				
0.5 - 0.6	5.3I	0.05D	3.5K	2.5	0.07	0.13				
0.6 - 0.7	5.2I	0.04D	2.9K	2.7	0.094	0.21				
0.7 - 0.8	5.2I	0.04D	2.1K	2.7	0.096	0.19				
0.8 - 0.9	5.1I	0.04D	1.4K	2.8	0.097	0.2				
0.9 - 1	5.1I		0.95K	3	0.079	0.16				

Depth	CaCO3	Organic C	Avail. P	Total P	Total N	Total K	Bulk Density	Particle Size Analysis				
								GV	CS	FS	Silt	Clay
m	%	%	mg/kg	%	%	%	Mg/m3			%		
0 - 0.1		5.5A										
0.1 - 0.2		3.61A										
0.2 - 0.3		2.61A										
0.3 - 0.4		1.78A										
0.4 - 0.5		1.28A										
0.5 - 0.6		0.76A										
0.6 - 0.7		0.82A										
0.7 - 0.8		0.8A										
0.8 - 0.9		0.67A										
0.9 - 1		0.6A										

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										

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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