Project Name: National Soil Fertility
Project Code: NSF **Site ID:** NW40 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (NSW)

Site Information

Desc. By:		**Locality:**	
Date Desc.:	//	**Elevation:**	632 metres
Map Ref.:		**Rainfall:**	0
Northing/Long.:	149.066666666667	**Runoff:**	No Data
Easting/Lat.:	-35.2333333333333	**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: Dy3.42
Great Soil Group: Solodic soil

Site Disturbance:

Vegetation:

Surface Coarse Fragments:

Profile Morphology

A	0 - 0.25 m	Brown (10YR5/3-Moist); ; Fine sandy loam; Massive grade of structure;
A2cb	0.25 - 0.5 m	Pinkish grey (7.5YR7/2-Moist); ; Fine sandy loam; Massive grade of structure;
B21	0.5 - 0.6 m	Brown (10YR5/3-Moist); , 10YR51; , 10R36; Light clay; Moderate grade of structure; Many (20 - 50 %), Manganiferous, , Nodules;
B22	0.6 - 1 m	Yellowish brown (10YR5/6-Moist); , 10YR51; , 10R36; Light medium clay; Moderate grade of structure;
B22	1 - 1.1 m	Yellowish brown (10YR5/6-Moist); ; Light medium clay; Moderate grade of structure; Field pH 6.5 (pH meter);
	1.1 - 1.4 m	;

Morphological Notes

Observation Notes

N71/W3

Site Notes

CANBERRA

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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	5.1I	0.14D	1.7K	0.5	0.23	0.01				
0.1 - 0.2	5.6I		1.5K	0.6	0.1	0.01				
0.2 - 0.3	6.5I		2K	1.2	0.06	0.09				
0.3 - 0.4	6.6I		2.4K	2.6	0.11	0.2				
0.4 - 0.5	6.8I	0.05D	3.2K	5	0.15	0.56				
0.5 - 0.6	7I	0.06D	3.6K	6.8	0.19	0.96				
0.6 - 0.7	7.1I	0.09D	4.5K	9.5	0.25	1.6				
0.7 - 0.8	7.3I	0.1D	4.6K	10	0.25	1.7				
0.8 - 0.9	7.6I	0.16D	4.1K	9.4	0.23	1.7				
0.9 - 1	7.7I	0.24D	4.4K	10.8	0.24	2				

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		0.97A	7.9A									
0.1 - 0.2		0.28A	2A									
0.2 - 0.3		0.14A	2.3A									
0.3 - 0.4		0.11A	5A									
0.4 - 0.5		0.11A	6.5A									
0.5 - 0.6		0.18A	7.3A									
0.6 - 0.7		0.05A	4.1A									
0.7 - 0.8		0.06A	3A									
0.8 - 0.9		0.05A	3A									
0.9 - 1		0.06A	2.6A									

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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Project Code: **NSF** **Site ID:** **NW40** **Observation ID:** **1**
Agency Name: **CSIRO Division of Soils (NSW)**

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
9B_9C	Available P (mg/kg) - Bicarbonate P - 0.5M NaHCO3 extractable