

Project Name: TS
Project Code: TS **Site ID:** C210 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (ACT)

Site Information

Desc. By:		Locality:	Canberra Military 1 mile 11.9/42.0; High ridge on Sullivans Creek opposite race course:
Date Desc.:	09/03/55	Elevation:	558 metres
Map Ref.:		Rainfall:	0
Northing/Long.:		Runoff:	Rapid
Easting/Lat.:		Drainage:	Well drained

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:	Plain
Morph. Type:	Ridge	Relief:	No Data
Elem. Type:	Lunette	Slope Category:	No Data
Slope:	0 %	Aspect:	No Data

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
N/A		Principal Profile Form:	Gn3
ASC Confidence:		Great Soil Group:	N/A
Confidence level not specified			

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

Vegetation: Low Strata - Tussock grass, , . *Species includes - None recorded

Surface Coarse Fragments:

Profile Morphology

A1	0 - 0.15 m	Dark brown (7.5YR3/2-Moist); ; Silty clay loam; Weak grade of structure, 20-50 mm, Prismatic; Field pH 6 (pH meter); Few, medium (2-5mm) roots;
A3	0.15 - 0.3 m	Brown (7.5YR4/3-Moist); ; Silty clay loam (Heavy); Weak grade of structure, 5-10 mm, Prismatic; Weak grade of structure, 20-50 mm, Prismatic; Field pH 6 (pH meter);
B1	0.3 - 0.43 m	Strong brown (7.5YR5/6-Moist); ; Silty light clay; 5-10 mm, Subangular blocky; Weak grade of structure, 20-50 mm, Subangular blocky; Field pH 6 (pH meter);
B21	0.43 - 0.58 m	Strong brown (7.5YR4/6-Moist); ; Silty light clay (Light); 10-20 mm, Angular blocky; Weak grade of structure, 20-50 mm, Prismatic; Field pH 6 (pH meter);
B22	0.63 - 0.75 m	Strong brown (7.5YR5/6-Moist); ; Silty light clay; Weak grade of structure, 5-10 mm, Subangular blocky; Field pH 6 (pH meter); , fine (1-2mm) roots;
BC	0.88 - 1.04 m	Strong brown (7.5YR5/6-Moist); ; Silty light clay; Moderate grade of structure, 5-10 mm, Subangular blocky; Field pH 6 (pH meter);

Morphological Notes

Observation Notes

LAYER 2 WORM CASTS;LAYER 3 WORM HOLES;LAYER 5 AND 6 LOT OF WORM CASTS;

Site Notes

CANBERRA

Observation ID: 1

Laboratory Test Results:

Depth	pH	1:5 EC	Ca	Exchangeable Mg	Cations K	Na	Exchangeable Acidity	CEC	ECEC	ESP
m		dS/m				Comol (+)/kg				%
0 - 0.15	6.5H		7.9K	2.3	1	0.09	7.1D			
0.15 - 0.3	6.8H		5.8K	2.3	1	0.11				
0.3 - 0.43	7H		5K	2.7	1.9	0.11	4D			
0.43 - 0.58	7.1H		4.4K	2.6	2.7	0.17				
0.63 - 0.75	7.2H		4.3K	2.2	3.1	0.2	3.7D			
0.88 - 1.04	7.3H		6.9K	4.3	3.1	0.26	4.1D			

[illegible][illegible]

Project Name: TS
Project Code: TS **Site ID:** C210 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (ACT)

Laboratory Analyses Completed for this profile

15_NR_CA	Exch. basic cations (Ca++) - meq per 100g of soil - Not recorded
15_NR_H	Hydrogen Cation - 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
4_NR	pH of soil - Not recorded