

Project Name: TS
Project Code: TS **Site ID:** C209 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (ACT)

Site Information

| | | | |
|------------------------|---------------|-------------------|--------------------------------------------------------|
| Desc. By: | D.C. van Dijk | Locality: | Canberra 1m 11.4/41.8; Lower course of Sullivan Creek: |
| Date Desc.: | 08/03/55 | 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: | No Data |
| Morph. Type: | Flat | Relief: | No Data |
| Elem. Type: | No Data | 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: | Um |
| ASC Confidence: | | Great Soil Group: | Prairie soil |
| Confidence level not specified | | | |

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

Vegetation: Low Strata - , , . *Species includes - Medicago sativa

Surface Coarse Fragments:

Profile Morphology

| | |
|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| 0 - 0.18 m | Dark greyish brown (2.5Y4/2-Moist); ; 7.5YR40; Silty loam; |
| 0.18 - 0.28 m | Dark greyish brown (2.5Y4/2-Moist); ; Silty loam (Heavy); Moderate grade of structure, Cast; Sharp change to - |
| 0.28 - 0.4 m | Dark greyish brown (2.5Y4/2-Moist); ; Silty loam (Heavy); Moderate grade of structure, Cast; |
| 0.46 - 0.6 m | Very dark grey (10YR3/1-Moist); ; Silty clay loam; Weak grade of structure, 10-20 mm, Subangular blocky; Weak grade of structure, 20-50 mm, Prismatic; |
| 0.6 - 0.75 m | Very dark grey (10YR3/1-Moist); ; Silty clay loam; Weak grade of structure, 10-20 mm, Subangular blocky; Weak grade of structure, 20-50 mm, Prismatic; |
| 0.75 - 0.95 m | Very dark grey (10YR3/1-Moist); ; Silty clay loam; Weak grade of structure, 10-20 mm, Subangular blocky; Weak grade of structure, 20-50 mm, Prismatic; |

Morphological Notes

Observation Notes

LAYER 1 AND 2 WORM CASTS AND WORM HOLES:

Site Notes

CANBERRA

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[illegible]

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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_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 |