

Project Name: AS1
Project Code: AS1 **Site ID:** NT25 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (NT)

Site Information

| | | | |
|------------------------|-------------------|-------------------|------------------|
| Desc. By: | E.A. Jackson | Locality: | |
| Date Desc.: | 05/09/58 | Elevation: | 457 metres |
| Map Ref.: | | Rainfall: | 0 |
| Northing/Long.: | 133.455833333333 | Runoff: | Moderately rapid |
| Easting/Lat.: | -24.3780555555556 | 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: | Rolling plains <9m 10-32% | Pattern Type: | Pediment |
| Morph. Type: | Crest | Relief: | 6 metres |
| Elem. Type: | Pediment | Slope Category: | Very gently sloped |
| Slope: | 0 % | Aspect: | No Data |

Surface Soil Condition (dry):

Erosion:

Soil Classification

| | | | |
|--|--|--------------------------------|--------------|
| Australian Soil Classification: | | Mapping Unit: | N/A |
| Bleached Eutrophic Red Chromosol | | Principal Profile Form: | N/A |
| ASC Confidence: | | Great Soil Group: | Solodic soil |
| All necessary analytical data are available. | | | |

Site Disturbance: No effective disturbance other than grazing by hoofed animals

Vegetation:

Tall Strata - Shrub, , . *Species includes - None Recorded

Surface Coarse Fragments:

Profile Morphology

| | |
|---------------|---|
| 0 - 0.05 m | ; Loamy sand; Weak grade of structure, Platy; Weak consistence; 50-90%, stony, 200-600mm, Quartz, coarse fragments; Abrupt change to - |
| 0.05 - 0.08 m | Pink (5YR7/4-Moist); ; Clay loam; Massive grade of structure; Firm consistence; 2-10%, fine gravelly, 2-6mm, Gravel, coarse fragments; Diffuse change to - |
| 0.08 - 0.15 m | Light red (2.5YR7/6-Moist); ; Medium clay; Weak grade of structure, Prismatic; Strong grade of structure, 10-20 mm, Angular blocky; Very firm consistence; 2-10%, fine gravelly, 2-6mm, Slate, coarse fragments; Diffuse change to - |
| 0.15 - 0.26 m | Red (2.5YR4/6-Moist); , 2.5YR46, 0-2% ; , 0-2% ; Medium clay; Moderate grade of structure, 20-50 mm, Angular blocky; Firm consistence; 2-10%, fine gravelly, 2-6mm, Gravel, coarse fragments; Common, fine (1-2mm) roots; Clear change to - |
| 0.26 - 0.43 m | , 2-10% ; , 2-10% ; Clay loam; Weak grade of structure, 10-20 mm, Angular blocky; Firm consistence; 20-50%, Slate, coarse fragments; Very few (0 - 2 %), Gypseous, , Soft segregations; Clear change to - |
| 0.48 - 0.78 m | ; 50-90%, Slate, coarse fragments; Many (20 - 50 %), Gypseous, , Soft segregations; |

Morphological Notes

Observation Notes

MODERATE PAVEMENT OF QUARTZITE GIBBERS 1-5CM: SLATY FINE GRAVEL:

Site Notes

ALICE SPRINGS

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Laboratory Test Results:

[illegible][illegible][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_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 |
| 17A_NR | Total element - K(%) - Not recorded |
| 19B_NR | Calcium Carbonate (CaCO3) - Not recorded |
| 2_LOI | Loss on Ignition (%) |
| 2A1 | Air-dry moisture content |
| 3A_TSS | Electrical conductivity or soluble salts - Total soluble salts % |
| 4_NR | pH of soil - Not recorded |
| 5_NR | Water soluble Chloride - Cl(%) - Not recorded |
| 6Z | Organic carbon (%) - Not recorded |
| 7_NR | Total nitrogen (%) - Not recorded |
| 9A_NR | Total element - P(%) - Not recorded |
| P10_GRAV | Gravel (%) |
| P10_NR_C | Clay (%) - Not recorded |
| P10_NR_CS | Coarse sand (%) - Not recorded |
| P10_NR_FS | Fine sand (%) - Not recorded |
| P10_NR_Z | Silt (%) - Not recorded |