

Project Name: AS1
Project Code: AS1 **Site ID:** NT9 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (NT)

Site Information

| | | | |
|------------------------|-------------------|-------------------|------------|
| Desc. By: | E.A. Jackson | Locality: | |
| Date Desc.: | 17/04/58 | Elevation: | 335 metres |
| Map Ref.: | | Rainfall: | 0 |
| Northing/Long.: | 134.974722222222 | Runoff: | Very slow |
| Easting/Lat.: | -23.9969444444445 | 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: | Level plain <9m <1% | Pattern Type: | No Data |
| Morph. Type: | No Data | Relief: | 0 metres |
| 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 |
| Hypercalcic Subnatric Yellow Sodosol | | Principal Profile Form: | N/A |
| ASC Confidence: | | Great Soil Group: | Solodic soil |
| Analytical data are incomplete but reasonable confidence. | | | |

Site Disturbance:

Vegetation:

Mid Strata - Shrub, , . *Species includes - None recorded
Tall Strata - Shrub, , . *Species includes - Acacia georginae

Surface Coarse Fragments:

Profile Morphology

| | |
|---------------|--|
| 0 - 0.1 m | Reddish yellow (5YR6/6-Moist); ; Loamy sand; Weak grade of structure, Platy; Very weak consistence; Diffuse change to - |
| 0.1 - 0.2 m | Reddish yellow (5YR6/6-Moist); ; Fine sand; Single grain grade of structure; Weak consistence; 2-10%, medium gravelly, 6-20mm, Gravel, coarse fragments; Sharp change to - |
| 0.2 - 0.22 m | Reddish brown (2.5YR5/4-Moist); ; Sandy medium clay; Massive grade of structure; Very firm consistence; Diffuse change to - |
| 0.22 - 0.6 m | Very pale brown (10YR7/4-Moist); ; Medium clay; Weak grade of structure, 10-20 mm, Prismatic; Firm consistence; Common, fine (1-2mm) roots; |
| 0.6 - 0.88 m | ; Medium clay; 2-10%, medium gravelly, 6-20mm, Gravel, coarse fragments; Few (2 - 10 %), Calcareous, , Concretions; Abrupt change to - |
| 0.88 - 1.14 m | ; Medium clay; 2-10%, stony, 200-600mm, Gravel, coarse fragments; Common (10 - 20 %), Calcareous, , Concretions; Diffuse change to - |
| 1.14 - 1.32 m | ; Medium clay; 10-20%, stony, 200-600mm, Gravel, coarse fragments; Many (20 - 50 %), Calcareous, , Soft segregations; |

Morphological Notes

Observation Notes

Site Notes

ALICE SPRINGS

Observation ID: 1

[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 |
| 3_NR | Electrical conductivity or soluble salts - Not recorded |
| 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 |