

Project Name: AS1  
Project Code: AS1 Site ID: NT29 Observation ID: 1  
Agency Name: CSIRO Division of Soils (NT)

**Site Information**

Desc. By:	Malcolm J. Wright	Locality:	
Date Desc.:	06/09/58	Elevation:	457 metres
Map Ref.:		Rainfall:	0
Northing/Long.:	133.613055555556	Runoff:	Moderately rapid
Easting/Lat.:	-24.527222222222	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:	Gently undulating rises 9-30m 1-3%	Pattern Type:	Dunefield
Morph. Type:	Mid-slope	Relief:	6 metres
Elem. Type:	Dune	Slope Category:	Very gently sloped
Slope:	0 %	Aspect:	No Data

**Surface Soil Condition (dry):**

**Erosion:**

**Soil Classification**

Australian Soil Classification:		Mapping Unit:	N/A
No Available Class Siliceous Arenic Rudosol		Principal Profile Form:	N/A
ASC Confidence:		Great Soil Group:	Siliceous sand
All necessary analytical data are available.			

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

**Vegetation:** Low Strata - , , . \*Species includes - Triodia basedowii  
Mid Strata - Shrub, , . \*Species includes - None recorded  
Tall Strata - Tree, , . \*Species includes - None Recorded

**Surface Coarse Fragments:**

**Profile Morphology**

0 - 0.08 m	Red (2.5YR4/6-Moist); ; Sand; Massive grade of structure; Very weak consistence;
0.08 - 0.33 m	; Sand; Massive grade of structure; Very weak consistence;
0.33 - 0.58 m	; Sand; Massive grade of structure; Loose consistence;
0.58 - 0.88 m	Red (10R5/6-Moist); ; Sand;
0.88 - 1.13 m	Red (10R5/6-Moist); ; Sand;
1.13 - 1.47 m	; Sand;
1.47 - 1.83 m	; Sand;
1.83 - 1.98 m	;

**Morphological Notes**

**Observation Notes**

**Site Notes**

ALICE SPRINGS

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**Laboratory Test Results:**

Depth	pH	1:5 EC	Ca	Exchangeable Mg	Cations K	Na	Exchangeable Acidity	CEC	ECEC	ESP
m		dS/m				cmol (+)/kg				%
0 - 0.08	6.7H	0.003C	0.9K	0.3	0.15	0.06				
0.08 - 0.33	6.5H	0.002C								
0.33 - 0.58	6.6H	0.004C								
0.58 - 0.88	6.5H	0.002C								
0.88 - 1.13	6.5H	0.003C								
1.13 - 1.47	6.8H	0.004C								
1.47 - 1.83	6.8H	0.005C								
1.83 - 1.98	6.9H	0.004C								

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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
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_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