

Project Name: WQA
Project Code: WQA **Site ID:** B593 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (QLD)

Site Information

Desc. By:	G.D. Hubble	Locality:	
Date Desc.:	01/09/69	Elevation:	107 metres
Map Ref.:	Sheet No. : 6749 1:100000	Rainfall:	203
Northing/Long.:	139.466666666667	Runoff:	No runoff
Easting/Lat.:	-24.35	Drainage:	Rapidly drained

Geology

ExposureType:	Auger boring	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	Czs	Substrate Material:	Auger boring, Sand

Land Form

Rel/Slope Class:	Gently undulating rises 9-30m 1-3%	Pattern Type:	Dunefield
Morph. Type:	Ridge	Relief:	15 metres
Elem. Type:	Dune	Slope Category:	No Data
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:	Uc1.22
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:

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

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

AC	0 - 0.2 m	Reddish yellow (5YR6/6-Moist); ; Sand; Single grain grade of structure; Dry; Loose
C	0.2 - 0.3 m	Reddish yellow (5YR6/6-Moist); ; Sand; Single grain grade of structure; Moderately moist; Loose consistence;
	0.3 - 0.6 m	Reddish yellow (5YR6/6-Moist); ; Sand; Single grain grade of structure; Loose consistence;
	0.6 - 0.9 m	Reddish yellow (5YR6/6-Moist); ; Sand; Single grain grade of structure; Loose consistence;
	0.9 - 1.2 m	Reddish yellow (5YR6/6-Moist); ; Sand; Single grain grade of structure; Loose consistence;
	1.2 - 1.5 m	Reddish yellow (5YR6/6-Moist); ; Sand; Single grain grade of structure; Loose consistence;
	1.5 - 1.8 m	Reddish yellow (5YR6/6-Moist); ; Sand; Single grain grade of structure; Loose consistence;
	1.8 - 2.1 m	Reddish yellow (5YR6/6-Moist); ; Sand; Single grain grade of structure; Loose consistence;

Morphological Notes

Observation Notes

BELOW 20CM SAND IS WEAKLY COHERENT:

Site Notes

BEDOURIE

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Laboratory Test Results:

Depth	pH	1:5 EC	Exchangeable Cations			Exchangeable	CEC	ECEC	ESP
m		dS/m	Ca	Mg	K	Na Cmol (+)/kg	Acidity		%
0 - 0.2	7.6H	0.01B							
0.2 - 0.3	7.5H	0.01B							
0.3 - 0.6	7.4H	0.01B							
0.6 - 0.9	7.4H	0.01B							
0.9 - 1.2	7.3H	0.01B							
1.2 - 1.5	7.5H	0.01B							
1.5 - 1.8	7.6H	0.01B							
1.8 - 2.1	7.4H	0.01B							

Depth	CaCO3	Organic C	Avail. P	Total P	Total N	Total K	Bulk Density	Particle		Size	Analysis	
m	%	%	mg/kg	%	%	%	Mg/m3	GV	CS	FS %	Silt	Clay
0 - 0.2		0.01E	15B	0.006F	0.005B	0.51B						
0.2 - 0.3												
0.3 - 0.6		0.01E										
0.6 - 0.9												
0.9 - 1.2		0.03E										
1.2 - 1.5												
1.5 - 1.8												
1.8 - 2.1		0.01E	2B	0.007F	0.005B	0.58B						

[illegible]

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Laboratory Analyses Completed for this profile

10A_NR	Total element - S(%) - Not recorded
17A_NR	Total element - K(%) - Not recorded
2_LOI	Loss on Ignition (%)
3_NR	Electrical conductivity or soluble salts - Not recorded
4_NR	pH of soil - Not recorded
6Z	Organic carbon (%) - Not recorded
7_NR	Total nitrogen (%) - Not recorded
9A_NR	Total element - P(%) - Not recorded
9G_BSES	Available P (mg/kg) - Acid P - 0.005M H2SO4 (BSES)