

Project Name: WQR
Project Code: WQR **Site ID:** B428 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (QLD)

Site Information

Desc. By:	Edye, Les	Locality:	Sample site bare of vegetation-generally thin herbage with large bare patches (scalds).
Date Desc.:	26/08/53	Elevation:	128 metres
Map Ref.:	Sheet No. : 7047 1:100000	Rainfall:	203
Northing/Long.:	140.933333333333	Runoff:	Slow
Easting/Lat.:	-25.4	Drainage:	Moderately well drained

Geology

ExposureType:	Soil pit	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	Cza	Substrate Material:	Auger boring, 0.91 m deep, Unconsolidated material (unidentified)

Land Form

Rel/Slope Class:	No Data	Pattern Type:	Rises
Morph. Type:	No Data	Relief:	No Data
Elem. Type:	Plain	Slope Category:	No Data
Slope:	0 %	Aspect:	No Data

Surface Soil Condition (dry): Surface crust

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Haplic Hypocalcic Yellow Dermosol		Principal Profile Form:	Db0.13
ASC Confidence:		Great Soil Group:	Desert loam

Analytical data are incomplete but reasonable confidence.

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

Vegetation:

Surface Coarse Fragments: 10-20%, , , Substrate material

Profile Morphology

A11	0 - 0.08 m	Light brown (7.5YR6/4-Dry); ; Loam; , Platy; Dry; Firm consistence; 10-20%, coarse fragments;
A12	0.08 - 0.3 m	Light brown (7.5YR6/4-Dry); ; Loam; Massive grade of structure; Dry; Weak consistence; 2-10%, coarse fragments;
B2	0.3 - 0.43 m	Light brown (7.5YR6/4-Dry); ; Medium clay; Moderate grade of structure, Angular blocky; Dry; Firm consistence; 0-2%, coarse fragments;
B2	0.43 - 0.64 m	Light brown (7.5YR6/4-Dry); ; Medium clay; Moderate grade of structure, Angular blocky; Dry; Firm consistence; 0-2%, coarse fragments; Very few (0 - 2 %), Calcareous, , Nodules;
C	0.91 - 1.22 m	Very pale brown (10YR7/3-Moist); ; Sandy clay loam; Massive grade of structure; Moist; Weak consistence; Very few (0 - 2 %), Calcareous, , Nodules; Very few (0 - 2 %), Gypseous, ,

Morphological Notes

Observation Notes

0-8CM VESICULAR BELOW SURFACE CRUST. POLISHED SURFACE COARSE FRAGMENTS FERRUGINIZED SILCRETE:B HORIZONS SUBPLASTIC:

Site Notes

MOORABEREE

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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	7.2H	0.59B								
0.08 - 0.3	7H	2.62B								
0.3 - 0.43	7.7H	6.42B								
0.43 - 0.64	7.8H	7.61B								
0.91 - 1.22	8H	8.03B								

Depth	CaCO3	Organic	Avail.	Total	Total	Total	Bulk	Particle		Size	Analysis	
m	%	C	P	P	N	K	Density	GV	CS	FS	Silt	Clay
		%	mg/kg	%	%	%	Mg/m3			%		
0 - 0.08		0.08A	75C	0.03F	0.02B				21C	43	15	22
0.08 - 0.3												
0.3 - 0.43		0.2A							17C	20	6	30
0.43 - 0.64												
0.91 - 1.22	1.2C								11C	22	23	35

[illegible]

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Laboratory Analyses Completed for this profile

19B_NR	Calcium Carbonate (CaCO ₃) - Not recorded
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
6A1	Organic carbon - Walkley and Black
7_NR	Total nitrogen (%) - Not recorded
9_NR	Available P (mg/kg) - 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