

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 2228 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	Rogers, Gary	Locality:	
Date Desc.:	03/11/93	Elevation:	No Data
Map Ref.:	Sheet No. : 7959 GPS	Rainfall:	No Data
Northing/Long.:	7858826 AMG zone: 55	Runoff:	Rapid
Easting/Lat.:	335161 Datum: AGD66	Drainage:	Imperfectly drained

Geology

ExposureType:	No Data	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	No Data	Substrate Material:	Undisturbed soil core, No Data

Land Form

Rel/Slope Class:	Undulating plains <9m 3-10%	Pattern Type:	Plain
Morph. Type:	Flat	Relief:	No Data
Elem. Type:	Plain	Slope Category:	Very gently sloped
Slope:	3 %	Aspect:	No Data

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:	Mapping Unit:	N/A
Bleached Eutrophic Yellow Chromosol Thick Non-gravelly Loamy Clayey Moderately deep	Principal Profile Form:	Dy2.43
ASC Confidence:	Great Soil Group:	Solodic soil

No analytical data are available but confidence is fair.

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

Vegetation: Low Strata - Tussock grass, 0.26-0.5m, Sparse. *Species includes - Bothriochloa species, Chrysopogon fallax,
Panicum species Mid Strata - Tree, 1.01-3m, Sparse. *Species includes - Eucalyptus persistens, Eremophila
mitchellii

Tall Strata - Tree, 6.01-12m, Sparse. *Species includes - Eucalyptus persistens, Eucalyptus crebra

Surface Coarse Fragments: 0-2%, fine gravelly, 2-6mm, angular, Quartz

Profile Morphology

A11	0 - 0.05 m	Brown (10YR4/3-Moist); ; Sandy loam; Massive grade of structure; Dry; Firm consistence; , Calcareous, , , Gypseous, , ; Field pH 6 (Raupach, 0.02); Clear change to -
A12	0.05 - 0.15 m	Dark yellowish brown (10YR4/4-Moist); ; Sandy clay loam; Massive grade of structure; Dry; Firm consistence; , Calcareous, , , Gypseous, , ; Field pH 6 (Raupach, 0.1); Abrupt change to -
A2e	0.15 - 0.3 m	Yellowish brown (10YR5/4-Moist); ; Sandy clay loam; Massive grade of structure; Dry; Firm consistence; , Calcareous, , , Gypseous, , ; Field pH 5.5 (Raupach, 0.2); Abrupt change to -
B21	0.3 - 0.7 m	Yellowish brown (10YR5/6-Moist); ; Sandy light medium clay; Moderate grade of structure, 20- 50 mm, Angular blocky; Dry; Strong consistence; , Calcareous, , , Gypseous, , ; Field pH 8 (Raupach, 0.7);

Morphological Notes

Observation Notes

Site Notes

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Laboratory Test Results:

Depth	pH	1:5 EC	Exchangeable Cations			Exchangeable	CEC	ECEC	ESP
		Ca	Mg	K	Na	Acidity			
m		dS/m				Cmol (+)/kg			%

Depth	CaCO3	Organic	Avail.	Total	Total	Total	Bulk	Particle		Size	Analysis	
		C	P	P	N	K	Density	GV	CS	FS	Silt	Clay
m	%	%	mg/kg	%	%	%	Mg/m3			%		

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Laboratory Analyses Completed for this profile