

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 1756 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By: Barry, Earl	Locality:
Date Desc.: 14/05/93	Elevation: No Data
Map Ref.: Sheet No. : 8055 GPS	Rainfall: No Data
Northing/Long.: 7665940 AMG zone: 55	Runoff: Slow
Easting/Lat.: 384193 Datum: AGD66	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 plains <9m 1-3%	Pattern Type: Plain
Morph. Type: No Data	Relief: No Data
Elem. Type: Plain	Slope Category: Very gently sloped
Slope: 2 %	Aspect: No Data

Surface Soil Condition (dry): Soft

Erosion:

Soil Classification

Australian Soil Classification:	Mapping Unit: N/A
Natric Eutrophic Yellow Kandosol Thin Non-gravelly Sandy Clay-loamy Deep	Principal Profile Form: Gn1.25
ASC Confidence:	Great Soil Group: Yellow earth

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, 0.51-1m, Sparse. *Species includes - Aristida species, Eriachne species,
Heteropogon contortus Mid Strata - Tree, 6.01-12m, Isolated plants. *Species includes - Acacia species, Grevillea
species

Tall Strata - Tree, 12.01-20m, Very sparse. *Species includes - Eucalyptus polycarpa, Eucalyptus papuana

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A11	0 - 0.06 m	Dark brown (7.5YR3/2-Moist); ; Loamy sand; Massive grade of structure; Sandy (grains prominent) fabric; Dry; Weak consistence; , Calcareous, , , , Gypseous, , , Field pH 7.5 (Raupach, 0.05); Clear change to -
A2	0.06 - 0.8 m	Brown (7.5YR5/4-Moist); ; Sand; Massive grade of structure; Sandy (grains prominent) fabric; Dry; Firm consistence; , Calcareous, , , , Gypseous, , , Field pH 7 (Raupach, 0.6); Gradual change to -
B1	0.8 - 1 m	Brownish yellow (10YR6/6-Moist); ; Sandy loam; Massive grade of structure; Sandy (grains prominent) fabric; Dry; Very firm consistence; , Calcareous, , , , Gypseous, , , Field pH 7 (Raupach, 0.9); Gradual change to -
B21	1 - 1.2 m	Brownish yellow (10YR6/6-Moist); ; Sandy clay loam; Massive grade of structure; Sandy (grains prominent) fabric; Dry; Very firm consistence; , Calcareous, , , , Gypseous, , , Field pH 6.5 (Raupach, 1.1);

Morphological Notes

Observation Notes

Site Notes

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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				%	
Depth	CaCO3	Organic C	Avail. P	Total P	Total N	Total K	Bulk Density	Particle GV	CS	Size FS	Analysis Silt	Clay
m	%	%	mg/kg	%	%	%	Mg/m3			%		
Depth	COLE	Gravimetric/Volumetric Water Contents							K sat	K unsat		
m		Sat.	0.05 Bar	0.1 Bar	0.5 Bar	1 Bar	5 Bar	15 Bar				
					g/g -	m3/m3				mm/h	mm/h	

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Laboratory Analyses Completed for this profile