

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 1004 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	Barry, Earl	Locality:	
Date Desc.:	21/11/91	Elevation:	No Data
Map Ref.:	Sheet No. : 8256 GPS	Rainfall:	No Data
Northing/Long.:	7681304 AMG zone: 55	Runoff:	Moderately rapid
Easting/Lat.:	477131 Datum: AGD66	Drainage:	Moderately well drained

Geology

Exposure Type:	No Data	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	No Data	Substrate Material:	No Data

Land Form

Rel/Slope Class:	Undulating rises 9-30m 3-10%	Pattern Type:	Rises
Morph. Type:	Mid-slope	Relief:	No Data
Elem. Type:	Hillslope	Slope Category:	Gently inclined
Slope:	7 %	Aspect:	No Data

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:	Mapping Unit:	N/A
Mottled Mesotrophic Grey Kandosol Medium Non-gravelly Sandy Clayey Deep	Principal Profile Form:	Gn2.94
ASC Confidence:	Great Soil Group:	Grey 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 - Chrysopogon fallax, Aristida species, Heteropogon contortus Mid Strata - , , . *Species includes - None recorded

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

Eucalyptus

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A1	0 - 0.1 m	Dark grey (10YR4/1-Moist); ; Sand; Massive grade of structure; Dry; Firm consistence; , Calcareous, , , , Gypseous, , ;
A2e	0.1 - 0.4 m	Greyish brown (10YR5/2-Moist); ; Sand; Massive grade of structure; Dry; Very firm consistence; , Calcareous, , , , Gypseous, , , Field pH 6.5 (Raupach, 0.15); Field pH 5.5 (Raupach, 0.4);
B1	0.4 - 0.7 m	Greyish brown (10YR5/2-Moist); Mottles, 10YR66, 2-10% , 15-30mm, Distinct; Mottles, 2-10% ; Sandy clay loam; Massive grade of structure; Dry; Strong consistence; , Calcareous, , , , Gypseous, , ;
B2	0.7 - 1 m	White (10YR8/2-Moist); Mottles, 10YR68, 2-10% , 30-mm, Prominent; Mottles, 2.5YR48, 2-10% ; Sandy light clay; Massive grade of structure; Dry; Strong consistence; , Calcareous, , , , Gypseous, , , Field pH 5 (Raupach, 0.8);

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