

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 471 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	Barry, Earl	Locality:	
Date Desc.:	05/11/91	Elevation:	212 metres
Map Ref.:	Sheet No. : 8256 GPS	Rainfall:	No Data
Northing/Long.:	7712145 AMG zone: 55	Runoff:	No Data
Easting/Lat.:	462884 Datum: AGD66	Drainage:	No Data

Geology

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

Land Form

Rel/Slope Class:	Level plain <9m <1%	Pattern Type:	Alluvial plain
Morph. Type:	Flat	Relief:	No Data
Elem. Type:	Plain	Slope Category:	Level
Slope:	1 %	Aspect:	No Data

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification:	Mapping Unit:	N/A
Basic Regolith Orthic Tenosol Medium Non-gravelly Sandy Clayey Moderately deep	Principal Profile Form:	Uc5.11

ASC Confidence:

No analytical data are available but confidence is fair.

Great Soil Group: N/A

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

Vegetation: Low Strata - Tussock grass, <0.25m, Sparse. *Species includes - Chrysopogon fallax, Aristida species
Mid Strata - , , . *Species includes - None recorded
Tall Strata - Tree, 6.01-12m, Sparse. *Species includes - Eucalyptus brownii

Surface Coarse Fragments:

Profile Morphology

A1	0 - 0.12 m	Dark brown (10YR3/3-Moist); ; Loamy sand; Massive grade of structure; Dry; Very weak consistence; ; Calcareous, ; , Gypseous, ; ; Field pH 6.5 (Raupach, 0.05);
A3	0.12 - 0.55 m	Strong brown (7.5YR4/6-Moist); ; Sandy loam; Massive grade of structure; Dry; Very weak consistence; ; Calcareous, ; , Gypseous, ; ; Field pH 8 (Raupach, 0.3);
D	0.55 - 0.65 m	Dark yellowish brown (10YR4/4-Moist); ; Light clay; Moderate grade of structure, 5-10 mm, Angular blocky; Dry; Very firm consistence; ; Calcareous, ; , Gypseous, ; ; Field pH 9.5 (Raupach, 0.6);

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	Acidity					%
						Cmol (+)/kg						

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
										%		

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