

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 1743 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	Barry, Earl	Locality:	
Date Desc.:	11/05/93	Elevation:	No Data
Map Ref.:	Sheet No. : 8055 GPS	Rainfall:	No Data
Northing/Long.:	7662732 AMG zone: 55	Runoff:	Moderately rapid
Easting/Lat.:	358916 Datum: AGD66	Drainage:	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:	8 %	Aspect:	No Data

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Haplic Fluvisol Bleached-Leptic Tenosol Medium Slightly gravelly Sandy Not recorded Shallow		Principal Profile Form:	Uc2.12
ASC Confidence:	Confidence level not specified	Great Soil Group:	N/A

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

Vegetation: Low Strata - Hummock grass, 0.51-1m, Mid-dense. *Species includes - Triodia mitchellii, Aristida species, Eriachne
Mid Strata - Shrub, 1.01-3m, Sparse. *Species includes - Petalostigma pubescens, Acacia species, Melaleuca species
Tall Strata - Tree, 6.01-12m, Very sparse. *Species includes - Eucalyptus melanophloia, Eucalyptus papuana

Surface Coarse Fragments: 0-2%, medium gravelly, 6-20mm, subrounded, Sandstone

Profile Morphology

A11	0 - 0.15 m	Brown (10YR4/3-Moist); ; Loamy sand; Massive grade of structure; Sandy (grains prominent) fabric; Dry; Very weak consistence; 0-2%, medium gravelly, 6-20mm, subangular, dispersed, Sandstone, coarse fragments; , Calcareous, , , , Gypseous, , ; Field pH 6 (Raupach, 0.05); Clear, Irregular change to -
A2e	0.15 - 0.3 m	Brown (10YR5/3-Moist); ; Sand; Massive grade of structure; Sandy (grains prominent) fabric; Dry; 2-10%, medium gravelly, 6-20mm, subangular, dispersed, Sandstone, coarse fragments; , Calcareous, , , , Gypseous, , ; Field pH 6.5 (Raupach, 0.2); Clear, Wavy change to -
D1	0.3 - 0.6 m	; Dry; Very weak consistence; 50-90%, cobbly, 60-200mm, subrounded, dispersed, Sandstone, coarse fragments; , Calcareous, , , , Gypseous, , ; Field pH 7 (Raupach, 0.6); Clear, Wavy change to -
D2	0.6 - 0.7 m	; Coarse sand; Massive grade of structure; Sandy (grains prominent) fabric; Dry; Very weak consistence; , Calcareous, , , , Gypseous, , ;

Morphological Notes

Observation Notes

Site Notes

Laboratory Test Results:

Depth	COLE	Gravimetric/Volumetric Water Contents							K sat	K unsat
		Sat.	0.05 Bar	0.1 Bar	0.5 Bar	1 Bar	5 Bar	15 Bar		
m					g/g - m ³ /m ³				mm/h	mm/h

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Laboratory Analyses Completed for this profile