

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 1075 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	Rogers, Gary	Locality:	
Date Desc.:	23/04/92	Elevation:	220 metres
Map Ref.:	Sheet No. : 8256 GPS	Rainfall:	No Data
Northing/Long.:	7691200 AMG zone: 55	Runoff:	No Data
Easting/Lat.:	448107 Datum: AGD66	Drainage:	No Data

Geology

Exposure Type:	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:	Gently undulating rises 9-30m 1-3%	Pattern Type:	Plain
Morph. Type:	Crest	Relief:	No Data
Elem. Type:	Hillcrest	Slope Category:	Very gently sloped
Slope:	2 %	Aspect:	No Data

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:	Mapping Unit:	N/A
Ferric Eutrophic Yellow Chromosol Medium Slightly gravelly Loamy Clayey Shallow	Principal Profile Form:	Dy3.12
ASC Confidence:	Great Soil Group:	Lateritic podzolic soil
No analytical data are available but confidence is fair.		

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

Vegetation: Low Strata - Hummock grass, 0.26-0.5m, Sparse. *Species includes - TRIODIA SPECIES ?, Cyperus species
Mid Strata - Tree, 1.01-3m, Sparse. *Species includes - Eucalyptus brownii, Melaleuca tamariscina
Tall Strata - Tree, 3.01-6m, Sparse. *Species includes - Eucalyptus brownii, Melaleuca tamariscina, Acacia

argyrodendron

Surface Coarse Fragments: 2-10%, medium gravelly, 6-20mm, angular, Ironstone

Profile Morphology

A11	0 - 0.04 m	Very dark greyish brown (10YR3/2-Moist); ; Sandy loam (Heavy); Massive grade of structure; Earthy fabric; Dry; Very weak consistence; , Calcareous, , , , Gypseous, , , Field pH 6.5 (Raupach, 0.04); Abrupt change to -
A12	0.04 - 0.23 m	Brown (10YR4/3-Moist); ; Sandy loam (Light); Massive grade of structure; Sandy (grains prominent) fabric; Dry; Very weak consistence; 50-90%, medium gravelly, 6-20mm, subrounded, Quartz, coarse fragments; Very many (50 - 100 %), Ferromanganiferous, Coarse (6 - 20 mm), Concretions; , Calcareous, , , , Gypseous, , , Field pH 6.5 (Raupach, 0.2); Clear change to -
B2	0.23 - 0.31 m	Light yellowish brown (10YR6/4-Moist); ; Sandy medium clay; Massive grade of structure; Earthy fabric; Dry; Very firm consistence; Common (10 - 20 %), Ferromanganiferous, Coarse (6 - 20 mm), Concretions; , Calcareous, , , , Gypseous, , , Field pH 7 (Raupach, 0.3);

Morphological Notes

Observation Notes

Site Notes

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Laboratory Test Results:

[illegible][illegible][illegible]

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Laboratory Analyses Completed for this profile

4A1 pH of 1:5 soil/water suspension