

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 643 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	M.G. Cannon	Locality:	
Date Desc.:	30/05/91	Elevation:	No Data
Map Ref.:	Sheet No. : 8159-3 GPS	Rainfall:	No Data
Northing/Long.:	7863902 AMG zone: 55	Runoff:	No Data
Easting/Lat.:	415107 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, Sandstone

Land Form

Rel/Slope Class:	Gently undulating rises 9-30m 1-3%	Pattern Type:	Rises
Morph. Type:	Crest	Relief:	No Data
Elem. Type:	Plain	Slope Category:	Level
Slope:	1 %	Aspect:	290 degrees

Surface Soil Condition (dry): Soft, Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Bleached Eutrophic Grey Chromosol Thick Non-gravelly Sandy Clayey Moderately deep		Principal Profile Form:	Dy3.42

ASC Confidence:		Great Soil Group:	N/A
No analytical data are available but confidence is fair.			

Site Disturbance: Limited clearing, for example selective logging

Vegetation: Low Strata - , , . *Species includes - Heteropogon contortus
Mid Strata - , , . *Species includes - None recorded
Tall Strata - Tree, 3.01-6m, Mid-dense. *Species includes - Eucalyptus shirleyi, Eucalyptus platyphylla,

Eucalyptus crebra

Surface Coarse Fragments:

Profile Morphology

A1j	0 - 0.05 m	Dark greyish brown (2.5Y4/2-Moist); ; Sand; Weak grade of structure, 2-5 mm, Platy; Dry; Very weak consistence; , Calcareous, , , , Gypseous, , , Field pH 7 (Raupach, 0.05);
A21e	0.05 - 0.2 m	Reddish brown (5YR5/4-Moist); ; Fine sand; Weak grade of structure, 50-100 mm, Subangular blocky; Weak grade of structure, 2-5 mm, Platy; Dry; Very weak consistence; , Calcareous, , , , Gypseous, , ,
A22e	0.2 - 0.35 m	Light reddish brown (5YR6/4-Moist); ; Fine sand; Weak grade of structure, 50-100 mm, Subangular blocky; Dry; Very weak consistence; , Calcareous, , , , Gypseous, , ,
B2	0.35 - 0.6 m	Light brownish grey (10YR6/2-Moist); , 10YR68, 10-20% , 5-15mm, Distinct; , 10-20% ; Medium clay; Moderate grade of structure, 50-100 mm, Columnar; Strong grade of structure, 20-50 mm, Angular blocky; Moderately moist; Very firm consistence; 10-20%, fine gravelly, 2-6mm, subangular, dispersed, Substrate material, coarse fragments; , Calcareous, , , , Gypseous, , , Field pH 7.5 (Raupach, 0.45); Field pH 7.5 (Raupach, 0.6);
C	0.6 - 0.7 m	; , Calcareous, , , , Gypseous, , ,

Morphological Notes

Observation Notes

Site Notes

Laboratory Test Results:

[illegible]

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Laboratory Analyses Completed for this profile