

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 950 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	Bright, J (Mitch)	Locality:	
Date Desc.:	01/09/92	Elevation:	No Data
Map Ref.:	Sheet No. : 8057 GPS	Rainfall:	No Data
Northing/Long.:	7771956 AMG zone: 55	Runoff:	Moderately rapid
Easting/Lat.:	367003 Datum: AGD66	Drainage:	Moderately well drained

Geology

ExposureType:	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:	Undulating plains <9m 3-10%	Pattern Type:	Plain
Morph. Type:	Upper-slope	Relief:	No Data
Elem. Type:	Plain	Slope Category:	Gently inclined
Slope:	3 %	Aspect:	No Data

Surface Soil Condition (dry): Firm

Erosion:

Soil Classification

Australian Soil Classification:	Mapping Unit:	N/A
Basic Histic Bleached-Orthic Tenosol Medium Slightly gravelly Loamy Loamy Moderately deep	Principal Profile Form:	CIC2.2
ASC Confidence:	Great Soil Group:	Siliceous sand

Analytical data are incomplete but reasonable confidence.

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

Vegetation: Low Strata - Tussock grass, 0.51-1m, Very sparse. *Species includes - Eriachne species, Heteropogon contortus
Mid Strata - Tree, 3.01-6m, Very sparse. *Species includes - Petalostigma pubescens, Melaleuca nervosa, Grevillea
Tall Strata - Tree, , Sparse. *Species includes - Eucalyptus peltata, Eucalyptus polycarpa

Surface Coarse Fragments: 2-10%, fine gravelly, 2-6mm, subangular, Quartz

Profile Morphology

A1	0 - 0.07 m	Dark brown (10YR3/3-Moist); ; Sandy loam; Single grain grade of structure; Sandy (grains prominent) fabric; Dry; Loose consistence; 0-2%, fine gravelly, 2-6mm, dispersed, Quartz, coarse fragments; , Calcareous, , , , Gypseous, , , ; Field pH 6.5 (Raupach, 0.05); Clear change
A2e	0.07 - 0.32 m	Light yellowish brown (10YR6/4-Moist); ; Sandy loam; Single grain grade of structure; Sandy (grains prominent) fabric; Dry; Loose consistence; 0-2%, fine gravelly, 2-6mm, dispersed, Quartz, coarse fragments; , Calcareous, , , , Gypseous, , , ; Field pH 6 (Raupach, 0.3); Gradual
B2	0.32 - 0.5 m	Reddish yellow (7.5YR6/6-Moist); ; Sandy loam; Single grain grade of structure; Sandy (grains prominent) fabric; Dry; Loose consistence; 0-2%, fine gravelly, 2-6mm, dispersed, Quartz, coarse fragments; , Calcareous, , , , Gypseous, , , ; Field pH 8 (Raupach, 0.5);

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