

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 1491 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	Bright, J (Mitch)	Locality:	
Date Desc.:	16/10/92	Elevation:	No Data
Map Ref.:	Sheet No. : 8056 GPS	Rainfall:	No Data
Northing/Long.:	7691506 AMG zone: 55	Runoff:	Moderately rapid
Easting/Lat.:	357808 Datum: AGD66	Drainage:	Well drained

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:	Rolling rises 9-30m 10-32%	Pattern Type:	Low hills
Morph. Type:	Simple-slope	Relief:	No Data
Elem. Type:	Hillslope	Slope Category:	Moderately inclined
Slope:	4 %	Aspect:	No Data

Surface Soil Condition (dry): Soft

Erosion:

Soil Classification

Australian Soil Classification:	Mapping Unit:	N/A
Basic Regolithic Orthic Tenosol Medium Non-gravelly Sandy	Principal Profile Form:	Uc3.21
Sandy Moderately deep		

ASC Confidence:	Great Soil Group:	N/A
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 pungens, Aristida species, Heteropogon

triticeus Mid Strata - Tree, 1.01-3m, Sparse. *Species includes - Acacia species

Tall Strata - Tree, 6.01-12m, Sparse. *Species includes - Eucalyptus similis, Eucalyptus polycarpa, Eucalyptus

papuana

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A1	0 - 0.11 m	Brown (10YR4/3-Moist); ; Sand; Single grain grade of structure; Sandy (grains prominent) fabric; Dry; Very weak consistence; , Calcareous, , , Gypseous, , ; Field pH 6 (Raupach, 0.05); Clear change to -
A2j	0.11 - 0.21 m	Yellowish brown (10YR5/4-Moist); ; Sand; Single grain grade of structure; Sandy (grains prominent) fabric; Dry; Very weak consistence; , Calcareous, , , Gypseous, , ; Field pH 6 (Raupach, 0.15); Clear change to -
B1	0.21 - 0.68 m	Brownish yellow (10YR6/6-Moist); ; Sand; Single grain grade of structure; Sandy (grains prominent) fabric; Dry; Very weak consistence; 0-2%, fine gravelly, 2-6mm, subrounded, dispersed, coarse fragments; , Calcareous, , , Gypseous, , ; Field pH 6 (Raupach, 0.4); Clear change to -
B2	0.68 - 0.75 m	Light yellowish brown (10YR6/4-Moist); ; Clayey sand; Single grain grade of structure; Sandy (grains prominent) fabric; Dry; Very weak consistence; 0-2%, fine gravelly, 2-6mm, subrounded, dispersed, coarse fragments; , Calcareous, , , Gypseous, , ; Field pH 6 (Raupach, 0.75);

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 Cmol (+)/kg	Acidity			%

Depth	CaCO3	Organic C	Avail. P	Total P	Total N	Total K	Bulk Density	Particle GV	Size CS	Analysis FS	Silt	Clay
m	%	%	mg/kg	%	%	%	Mg/m3			%		

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