

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 1583 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	Rogers, Gary	Locality:	
Date Desc.:	20/04/93	Elevation:	No Data
Map Ref.:	Sheet No. : 7055 GPS	Rainfall:	No Data
Northing/Long.:	7651360 AMG zone: 55	Runoff:	Very slow
Easting/Lat.:	335949 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:	Level plain <9m <1%	Pattern Type:	Plain
Morph. Type:	Flat	Relief:	No Data
Elem. Type:	Plain	Slope Category:	Level
Slope:	1 %	Aspect:	No Data

Surface Soil Condition (dry): Firm

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Basic Regolithic Bleached-Leptic Tenosol Thick Non-gravelly Loamy Sandy		Principal Profile Form:	Uc2
ASC Confidence:		Great Soil Group:	Siliceous sand

All necessary analytical data are available.

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

Vegetation: Low Strata - Hummock grass, 0.51-1m, Sparse. *Species includes - Triodia mitchellii, Aristida species
Mid Strata - Tree, 3.01-6m, Isolated plants. *Species includes - Acacia species, Grevillea parallela, Lysipillum
carronii
Tall Strata - Tree, 6.01-12m, Very sparse. *Species includes - Eucalyptus melanophloia, Eucalyptus brownii,
Eucalyptus
papuana

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A11	0 - 0.08 m	Dark brown (7.5YR3/2-Moist); ; Sandy loam (Light); Massive grade of structure; Sandy (grains prominent) fabric; Dry; Very weak consistence; , Calcareous, , , Gypseous, , ; Field pH 6 (Raupach, 0.04); Gradual change to -
A12	0.08 - 0.35 m	Brown (7.5YR4/3-Moist); ; Clayey sand; Massive grade of structure; Sandy (grains prominent) fabric; Dry; Very weak consistence; , Calcareous, , , Gypseous, , ; Field pH 6.5 (Raupach, 0.2); Gradual change to -
A2e	0.35 - 0.5 m	Yellowish brown (10YR5/4-Moist); ; Clayey sand; Massive grade of structure; Sandy (grains prominent) fabric; Dry; Loose consistence; , Calcareous, , , Gypseous, , ; Field pH 6 (Raupach, 0.45);

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
0.00	0.00	98.6	98.6	98.6	98.6	98.6	98.6	98.6	0.00	0.00
0.05	0.00	98.6	98.6	98.6	98.6	98.6	98.6	98.6	0.00	0.00
0.10	0.00	98.6	98.6	98.6	98.6	98.6	98.6	98.6	0.00	0.00
0.15	0.00	98.6	98.6	98.6	98.6	98.6	98.6	98.6	0.00	0.00
0.20	0.00	98.6	98.6	98.6	98.6	98.6	98.6	98.6	0.00	0.00
0.25	0.00	98.6	98.6	98.6	98.6	98.6	98.6	98.6	0.00	0.00
0.30	0.00	98.6	98.6	98.6	98.6	98.6	98.6	98.6	0.00	0.00
0.35	0.00	98.6	98.6	98.6	98.6	98.6	98.6	98.6	0.00	0.00
0.40	0.00	98.6	98.6	98.6	98.6	98.6	98.6	98.6	0.00	0.00
0.45	0.00	98.6	98.6	98.6	98.6	98.6	98.6	98.6	0.00	0.00
0.50	0.00	98.6	98.6	98.6	98.6	98.6	98.6	98.6	0.00	0.00
0.55	0.00	98.6	98.6	98.6	98.6	98.6	98.6	98.6	0.00	0.00
0.60	0.00	98.6	98.6	98.6	98.6	98.6	98.6	98.6	0.00	0.00
0.65	0.00	98.6	98.6	98.6	98.6	98.6	98.6	98.6	0.00	0.00
0.70	0.00	98.6	98.6	98.6	98.6	98.6	98.6	98.6	0.00	0.00
0.75	0.00	98.6	98.6	98.6	98.6	98.6	98.6	98.6	0.00	0.00
0.80	0.00	98.6	98.6	98.6	98.6	98.6	98.6	98.6	0.00	0.00
0.85	0.00	98.6	98.6	98.6	98.6	98.6	98.6	98.6	0.00	0.00
0.90	0.00	98.6	98.6	98.6	98.6	98.6	98.6	98.6	0.00	0.00
0.95	0.00	98.6	98.6	98.6	98.6	98.6	98.6	98.6	0.00	0.00
1.00	0.00	98.6	98.6	98.6	98.6	98.6	98.6	98.6	0.00	0.00
1.05	0.00	98.6	98.6	98.6	98.6	98.6	98.6	98.6	0.00	0.00
1.10	0.00	98.6	98.6	98.6	98.6	98.6	98.6	98.6	0.00	0.00
1.15	0.00	98.6	98.6	98.6	98.6	98.6	98.6	98.6	0.00	0.00
1.20	0.00	98.6	98.6	98.6	98.6	98.6	98.6	98.6	0.00	0.00
1.25	0.00	98.6	98.6	98.6	98.6	98.6	98.6	98.6	0.00	0.00
1.30	0.00	98.6	98.6	98.6	98.6	98.6	98.6	98.6	0.00	0.00
1.35	0.00	98.6	98.6	98.6	98.6	98.6	98.6	98.6	0.00	0.00
1.40	0.00	98.6	98.6	98.6	98.6	98.6	98.6	98.6	0.00	0.00
1.45	0.00	98.6	98.6	98.6	98.6	98.6	98.6	98.6	0.00	0.00
1.50	0.00	98.6	98.6	98.6	98.6	98.6	98.6	98.6	0.00	0.00
1.55	0.00	98.6	98.6	98.6	98.6	98.6	98.6	98.6	0.00	0.00
1.60	0.00	98.6	98.6	98.6	98.6	98.6	98.6	98.6	0.00	0.00
1.65	0.00	98.6	98.6	98.6	98.6	98.6	98.6	98.6	0.00	0.00
1.70	0.00	98.6	98.6	98.6	98.6	98.6	98.6	98.6	0.00	0.00
1.75	0.00	98.6	98.6	98.6	98.6	98.6	98.6	98.6	0.00	0.00
1.80	0.00	98.6	98.6	98.6	98.6	98.6	98.6	98.6	0.00	0.00
1.85	0									

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Laboratory Analyses Completed for this profile