

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 1969 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By: Rogers, Gary	Locality:
Date Desc.: 05/10/93	Elevation: No Data
Map Ref.: Sheet No. : 7857 GPS	Rainfall: No Data
Northing/Long.: 7772830 AMG zone: 55	Runoff: Moderately rapid
Easting/Lat.: 272804 Datum: AGD66	Drainage: 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: Gently undulating rises 9-30m 1-3%	Pattern Type: Rises
Morph. Type: Simple-slope	Relief: No Data
Elem. Type: Hillslope	Slope Category: Very gently sloped
Slope: 3 %	Aspect: No Data

Surface Soil Condition (dry): Firm

Erosion:

Soil Classification

Australian Soil Classification:	Mapping Unit: N/A
Eutrophic Subnatric Brown Sodosol Very thick Non-gravelly Sandy Clay-loamy Deep	Principal Profile Form: Db3.62
ASC Confidence:	Great Soil Group: No suitable group

No analytical data are available but confidence is fair.

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

Vegetation: Low Strata - Tussock grass, 0.26-0.5m, Sparse. *Species includes - None recorded
Mid Strata - Tree, 3.01-6m, Sparse. *Species includes - Eucalyptus crebra, Petalostigma pubescens, Grewia
scabrella

Tall Strata - Tree, 12.01-20m, Very sparse. *Species includes - Eucalyptus crebra, Eucalyptus polycarpa

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A11	0 - 0.1 m	Very dark grey (10YR3/1-Moist); ; Loamy sand; Massive grade of structure; Earthy fabric; Dry; Weak consistence; Very few (0 - 2 %), Ferromanganiferous, Medium (2 -6 mm), Nodules; , Calcareous, , , , Gypseous, , ; Field pH 7 (Raupach, 0.05); Clear change to -
A12	0.1 - 0.3 m	Very dark greyish brown (10YR3/2-Moist); ; Clayey sand (Light); Massive grade of structure; Sandy (grains prominent) fabric; Dry; Weak consistence; Very few (0 - 2 %), Ferromanganiferous, Medium (2 -6 mm), Nodules; , Calcareous, , , , Gypseous, , ; Field pH 7 (Raupach, 0.2); Clear change to -
A2	0.3 - 0.6 m	Dark greyish brown (10YR4/2-Moist); ; Clayey sand (Light); Massive grade of structure; Sandy (grains prominent) fabric; Dry; Very weak consistence; Many (20 - 50 %), Ferromanganiferous, Coarse (6 - 20 mm), Nodules; , Calcareous, , , , Gypseous, , ; Field pH 7 (Raupach, 0.5); Clear change to -
B2	0.6 - 1.2 m	Dark yellowish brown (10YR4/6-Moist); ; Clay loam, sandy; Massive grade of structure; Dry; , Calcareous, , , , Gypseous, , ; Field pH 6 (Raupach, 1);

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	98.0	97.0	95.0	92.0	88.0	82.0	75.0	0.00	0.00
0.05	0.00	98.0	97.0	95.0	92.0	88.0	82.0	75.0	0.00	0.00
0.10	0.00	98.0	97.0	95.0	92.0	88.0	82.0	75.0	0.00	0.00
0.15	0.00	98.0	97.0	95.0	92.0	88.0	82.0	75.0	0.00	0.00
0.20	0.00	98.0	97.0	95.0	92.0	88.0	82.0	75.0	0.00	0.00
0.25	0.00	98.0	97.0	95.0	92.0	88.0	82.0	75.0	0.00	0.00
0.30	0.00	98.0	97.0	95.0	92.0	88.0	82.0	75.0	0.00	0.00
0.35	0.00	98.0	97.0	95.0	92.0	88.0	82.0	75.0	0.00	0.00
0.40	0.00	98.0	97.0	95.0	92.0	88.0	82.0	75.0	0.00	0.00
0.45	0.00	98.0	97.0	95.0	92.0	88.0	82.0	75.0	0.00	0.00
0.50	0.00	98.0	97.0	95.0	92.0	88.0	82.0	75.0	0.00	0.00
0.55	0.00	98.0	97.0	95.0	92.0	88.0	82.0	75.0	0.00	0.00
0.60	0.00	98.0	97.0	95.0	92.0	88.0	82.0	75.0	0.00	0.00
0.65	0.00	98.0	97.0	95.0	92.0	88.0	82.0	75.0	0.00	0.00
0.70	0.00	98.0	97.0	95.0	92.0	88.0	82.0	75.0	0.00	0.00
0.75	0.00	98.0	97.0	95.0	92.0	88.0	82.0	75.0	0.00	0.00
0.80	0.00	98.0	97.0	95.0	92.0	88.0	82.0	75.0	0.00	0.00
0.85	0.00	98.0	97.0	95.0	92.0	88.0	82.0	75.0	0.00	0.00
0.90	0.00	98.0	97.0	95.0	92.0	88.0	82.0	75.0	0.00	0.00
0.95	0.00	98.0	97.0	95.0	92.0	88.0	82.0	75.0	0.00	0.00
1.00	0.00	98.0	97.0	95.0	92.0	88.0	82.0	75.0	0.00	0.00
1.05	0.00	98.0	97.0	95.0	92.0	88.0	82.0	75.0	0.00	0.00
1.10	0.00	98.0	97.0	95.0	92.0	88.0	82.0	75.0	0.00	0.00
1.15	0.00	98.0	97.0	95.0	92.0	88.0	82.0	75.0	0.00	0.00
1.20	0.00	98.0	97.0	95.0	92.0	88.0	82.0	75.0	0.00	0.00
1.25	0.00	98.0	97.0	95.0	92.0	88.0	82.0	75.0	0.00	0.00
1.30	0.00	98.0	97.0	95.0	92.0	88.0	82.0	75.0	0.00	0.00
1.35	0.00	98.0	97.0	95.0	92.0	88.0	82.0	75.0	0.00	0.00
1.40	0.00	98.0	97.0	95.0	92.0	88.0	82.0	75.0	0.00	0.00
1.45	0.00	98.0	97.0	95.0	92.0	88.0	82.0	75.0	0.00	0.00
1.50	0.00	98.0	97.0	95.0	92.0	88.0	82.0	75.0	0.00	0.00
1.55	0.00	98.0	97.0	95.0	92.0	88.0	82.0	75.0	0.00	0.00
1.60	0.00	98.0	97.0	95.0	92.0	88.0	82.0	75.0	0.00	0.00
1.65	0.00	98.0	97.0	95.0	92.0	88.0	82.0	75.0	0.00	0.00
1.70	0.00	98.0	97.0	95.0	92.0	88.0	82.0	75.0	0.00	0.00
1.75	0.00	98.0	97.0	95.0	92.0	88.0	82.0	75.0	0.00	0.00
1.80	0.00	98.0	97.0	95.0	92.0	88.0	82.0	75.0	0.00	0.00
1.85										

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Laboratory Analyses Completed for this profile