

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 1585 **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. : 7955 GPS	Rainfall:	No Data
Northing/Long.:	7642836 AMG zone: 55	Runoff:	Slow
Easting/Lat.:	321394 Datum: AGD66	Drainage:	Rapidly 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): Soft

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Haplic Mesotrophic Red Kandosol Thick Non-gravelly Sandy Clay-loamy Moderately deep		Principal Profile Form:	Gn2

ASC Confidence:		Great Soil Group:	N/A
Confidence level not specified			

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

Vegetation: Low Strata - Hummock grass, 0.51-1m, Mid-dense. *Species includes - Triodia mitchellii, Aristida species
Mid Strata - Shrub, 0.51-1m, Sparse. *Species includes - Acacia species
Tall Strata - Tree, 6.01-12m, Very sparse. *Species includes - Eucalyptus similis, Eucalyptus setosa, Grevillea

species

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A11	0 - 0.12 m	Dark reddish brown (5YR3/3-Moist); ; Loamy sand; Massive grade of structure; Sandy (grains prominent) fabric; Dry; Very weak consistence; , Calcareous, , , Gypseous, , ; Field pH 6 (Raupach, 0.05); Clear change to -
A12	0.12 - 0.3 m	Dark red (2.5YR3/6-Moist); ; Clayey sand; Massive grade of structure; Sandy (grains prominent) fabric; Dry; Very weak consistence; , Calcareous, , , Gypseous, , ; Field pH 6 (Raupach, 0.2); Gradual change to -
B1	0.3 - 0.55 m	Red (10R4/6-Moist); ; Sandy loam (Light); Massive grade of structure; Sandy (grains prominent) fabric; Dry; Very weak consistence; , Calcareous, , , Gypseous, , ; Field pH 6 (Raupach, 0.4); Clear change to -
B2	0.55 - 0.6 m	Red (2.5YR4/8-Moist); ; Sandy clay loam; Massive grade of structure; Sandy (grains prominent) fabric; Dry; Very firm consistence; , Calcareous, , , Gypseous, , ; Field pH 6.5 (Raupach, 0.6);

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	0.05	98.6	98.6	98.6	98.6	98.6	98.6	98.6	0.00	0.00
0.10	0.10	98.6	98.6	98.6	98.6	98.6	98.6	98.6	0.00	0.00
0.15	0.15	98.6	98.6	98.6	98.6	98.6	98.6	98.6	0.00	0.00
0.20	0.20	98.6	98.6	98.6	98.6	98.6	98.6	98.6	0.00	0.00
0.25	0.25	98.6	98.6	98.6	98.6	98.6	98.6	98.6	0.00	0.00
0.30	0.30	98.6	98.6	98.6	98.6	98.6	98.6	98.6	0.00	0.00
0.35	0.35	98.6	98.6	98.6	98.6	98.6	98.6	98.6	0.00	0.00
0.40	0.40	98.6	98.6	98.6	98.6	98.6	98.6	98.6	0.00	0.00
0.45	0.45	98.6	98.6	98.6	98.6	98.6	98.6	98.6	0.00	0.00
0.50	0.50	98.6	98.6	98.6	98.6	98.6	98.6	98.6	0.00	0.00
0.55	0.55	98.6	98.6	98.6	98.6	98.6	98.6	98.6	0.00	0.00
0.60	0.60	98.6	98.6	98.6	98.6	98.6	98.6	98.6	0.00	0.00
0.65	0.65	98.6	98.6	98.6	98.6	98.6	98.6	98.6	0.00	0.00
0.70	0.70	98.6	98.6	98.6	98.6	98.6	98.6	98.6	0.00	0.00
0.75	0.75	98.6	98.6	98.6	98.6	98.6	98.6	98.6	0.00	0.00
0.80	0.80	98.6	98.6	98.6	98.6	98.6	98.6	98.6	0.00	0.00
0.85	0.85	98.6	98.6	98.6	98.6	98.6	98.6	98.6	0.00	0.00
0.90	0.90	98.6	98.6	98.6	98.6	98.6	98.6	98.6	0.00	0.00
0.95	0.95	98.6	98.6	98.6	98.6	98.6	98.6	98.6	0.00	0.00
1.00	1.00	98.6	98.6	98.6	98.6	98.6	98.6	98.6	0.00	0.00
1.05	1.05	98.6	98.6	98.6	98.6	98.6	98.6	98.6	0.00	0.00
1.10	1.10	98.6	98.6	98.6	98.6	98.6	98.6	98.6	0.00	0.00
1.15	1.15	98.6	98.6	98.6	98.6	98.6	98.6	98.6	0.00	0.00
1.20	1.20	98.6	98.6	98.6	98.6	98.6	98.6	98.6	0.00	0.00
1.25	1.25	98.6	98.6	98.6	98.6	98.6	98.6	98.6	0.00	0.00
1.30	1.30	98.6	98.6	98.6	98.6	98.6	98.6	98.6	0.00	0.00
1.35	1.35	98.6	98.6	98.6	98.6	98.6	98.6	98.6	0.00	0.00
1.40	1.40	98.6	98.6	98.6	98.6	98.6	98.6	98.6	0.00	0.00
1.45	1.45	98.6	98.6	98.6	98.6	98.6	98.6	98.6	0.00	0.00
1.50	1.50	98.6	98.6	98.6	98.6	98.6	98.6	98.6	0.00	0.00
1.55	1.55	98.6	98.6	98.6	98.6	98.6	98.6	98.6	0.00	0.00
1.60	1.60	98.6	98.6	98.6	98.6	98.6	98.6	98.6	0.00	0.00
1.65	1.65	98.6	98.6	98.6	98.6	98.6	98.6	98.6	0.00	0.00
1.70	1.70	98.6	98.6	98.6	98.6	98.6	98.6	98.6	0.00	0.00
1.75	1.75	98.6	98.6	98.6	98.6	98.6	98.6	98.6	0.00	0.00
1.80	1.80	98.6	98.6	98.6	98.6	98.6	98.6	98.6	0.00	0.00
1.85	1									

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Laboratory Analyses Completed for this profile