

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 390 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	M. DeCorte	Locality:	
Date Desc.:	15/08/91	Elevation:	270 metres
Map Ref.:	Sheet No. : 8157 GPS	Rainfall:	No Data
Northing/Long.:	7736192 AMG zone: 55	Runoff:	No runoff
Easting/Lat.:	397592 Datum: AGD66	Drainage:	Rapidly drained

Geology

Exposure Type:	No Data	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	No Data	Substrate Material:	No Data

Land Form

Rel/Slope Class:	Level plain <9m <1%	Pattern Type:	Alluvial plain
Morph. Type:	Ridge	Relief:	No Data
Elem. Type:	Levee	Slope Category:	Level
Slope:	%	Aspect:	No Data

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:	Mapping Unit:	N/A
Basic Regolithic Orthic Tenosol Thick Non-gravelly Loamy Clay-loamy Very deep	Principal Profile Form:	Uc5.21
ASC Confidence:	Great Soil Group:	Earthy sand

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, 0.51-1m, Mid-dense. *Species includes - Heteropogon contortus, Aristida species, Chrysopogon fallax Mid Strata - Tree, 3.01-6m, Isolated plants. *Species includes - Eucalyptus polycarpa

Tall Strata - Tree, 12.01-20m, Sparse. *Species includes - Eucalyptus tereticornis, Eucalyptus polycarpa,

Eucalyptus

tessellaris

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A11	0 - 0.1 m	Dark brown (10YR3/3-Moist); ; Fine sandy loam; Massive grade of structure; Earthy fabric; Dry; Very firm consistence; , Calcareous, , , , Gypseous, , ; Field pH 7 (Raupach, 0.05); Gradual, Smooth change to -
A12	0.1 - 0.35 m	Brown (10YR4/3-Moist); ; Loamy sand; Massive grade of structure; Earthy fabric; Dry; Firm consistence; , Calcareous, , , , Gypseous, , ; Field pH 6.5 (Raupach, 0.3); Gradual, Smooth change to -
A3	0.35 - 0.55 m	Dark yellowish brown (10YR4/4-Moist); ; Sand; Massive grade of structure; Earthy fabric; Dry; Firm consistence; , Calcareous, , , , Gypseous, , ; Diffuse, Smooth change to -
B21	0.55 - 1.3 m	Strong brown (7.5YR4/6-Moist); ; Sand; Massive grade of structure; Earthy fabric; Dry; Firm consistence; , Calcareous, , , , Gypseous, , ; Field pH 6.5 (Raupach, 0.9); Diffuse, Smooth change to -
2C	1.3 - 1.8 m	Strong brown (7.5YR5/6-Moist); ; Sandy clay loam; Massive grade of structure; Earthy fabric; Moderately moist; Strong consistence; , Calcareous, , , , Gypseous, , ; Field pH 6.5 (Raupach, 1.8);

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 - m3/m3							mm/h	mm/h
0.00	0.00	100	100	100	100	100	100	100	0.00	0.00
0.05	0.00	100	100	100	100	100	100	100	0.00	0.00
0.10	0.00	100	100	100	100	100	100	100	0.00	0.00
0.15	0.00	100	100	100	100	100	100	100	0.00	0.00
0.20	0.00	100	100	100	100	100	100	100	0.00	0.00
0.25	0.00	100	100	100	100	100	100	100	0.00	0.00
0.30	0.00	100	100	100	100	100	100	100	0.00	0.00
0.35	0.00	100	100	100	100	100	100	100	0.00	0.00
0.40	0.00	100	100	100	100	100	100	100	0.00	0.00
0.45	0.00	100	100	100	100	100	100	100	0.00	0.00
0.50	0.00	100	100	100	100	100	100	100	0.00	0.00
0.55	0.00	100	100	100	100	100	100	100	0.00	0.00
0.60	0.00	100	100	100	100	100	100	100	0.00	0.00
0.65	0.00	100	100	100	100	100	100	100	0.00	0.00
0.70	0.00	100	100	100	100	100	100	100	0.00	0.00
0.75	0.00	100	100	100	100	100	100	100	0.00	0.00
0.80	0.00	100	100	100	100	100	100	100	0.00	0.00
0.85	0.00	100	100	100	100	100	100	100	0.00	0.00
0.90	0.00	100	100	100	100	100	100	100	0.00	0.00
0.95	0.00	100	100	100	100	100	100	100	0.00	0.00
1.00	0.00	100	100	100	100	100	100	100	0.00	0.00
1.05	0.00	100	100	100	100	100	100	100	0.00	0.00
1.10	0.00	100	100	100	100	100	100	100	0.00	0.00
1.15	0.00	100	100	100	100	100	100	100	0.00	0.00
1.20	0.00	100	100	100	100	100	100	100	0.00	0.00
1.25	0.00	100	100	100	100	100	100	100	0.00	0.00
1.30	0.00	100	100	100	100	100	100	100	0.00	0.00
1.35	0.00	100	100	100	100	100	100	100	0.00	0.00
1.40	0.00	100	100	100	100	100	100	100	0.00	0.00
1.45	0.00	100	100	100	100	100	100	100	0.00	0.00
1.50	0.00	100	100	100	100	100	100	100	0.00	0.00
1.55	0.00	100	100	100	100	100	100	100	0.00	0.00
1.60	0.00	100	100	100	100	100	100	100	0.00	0.00
1.65	0.00	100	100	100	100	100	100	100	0.00	0.00
1.70	0.00	100	100	100	100	100	100	100	0.00	0.00
1.75	0.00	100	100							

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Laboratory Analyses Completed for this profile