

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 2054 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	Rogers, Gary	Locality:	
Date Desc.:	09/06/93	Elevation:	No Data
Map Ref.:	Sheet No. : 8255 GPS	Rainfall:	No Data
Northing/Long.:	7624650 AMG zone: 55	Runoff:	Very slow
Easting/Lat.:	465752 Datum: AGD66	Drainage:	Moderately 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:	Alluvial 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
Sodic Eutrophic Brown Chromosol Very thick Non-gravelly Loamy Clayey Deep	Principal Profile Form:	Db3.23
ASC Confidence:	Great Soil Group:	Brown podzolic soil

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, Very sparse. *Species includes - None recorded
Mid Strata - Tree, 3.01-6m, Very sparse. *Species includes - Eremophila mitchellii, Eucalyptus brownii
Tall Strata - Tree, 12.01-20m, Mid-dense. *Species includes - Eucalyptus brownii, Eucalyptus cambageana

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A11	0 - 0.07 m	Dark yellowish brown (10YR3/4-Moist); ; Sandy loam; Massive grade of structure; Sandy (grains prominent) fabric; Dry; Firm consistence; , Calcareous, , , , Gypseous, , ; Field pH 6 (Raupach, 0.04); Clear change to -
A12	0.07 - 0.38 m	Dark yellowish brown (10YR4/6-Moist); ; Clayey fine sand; Massive grade of structure; Earthy fabric; Dry; Firm consistence; , Calcareous, , , , Gypseous, , ; Field pH 6 (Raupach, 0.2); Gradual change to -
A2	0.38 - 0.65 m	Yellowish brown (10YR5/8-Moist); ; Clayey fine sand; Massive grade of structure; Earthy fabric; Dry; Very weak consistence; , Calcareous, , , , Gypseous, , ; Field pH 7 (Raupach, 0.5);
B2	0.65 - 1.4 m	Dark yellowish brown (10YR4/4-Moist); ; Fine sandy light clay; , Calcareous, , , , Gypseous, , ; Field pH 8 (Raupach, 1.2);

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
0.0	0.0	100	98	95	90	85	75	65	10	10
0.1	0.0	100	98	95	90	85	75	65	10	10
0.2	0.0	100	98	95	90	85	75	65	10	10
0.3	0.0	100	98	95	90	85	75	65	10	10
0.4	0.0	100	98	95	90	85	75	65	10	10
0.5	0.0	100	98	95	90	85	75	65	10	10
0.6	0.0	100	98	95	90	85	75	65	10	10
0.7	0.0	100	98	95	90	85	75	65	10	10
0.8	0.0	100	98	95	90	85	75	65	10	10
0.9	0.0	100	98	95	90	85	75	65	10	10
1.0	0.0	100	98	95	90	85	75	65	10	10
1.1	0.0	100	98	95	90	85	75	65	10	10
1.2	0.0	100	98	95	90	85	75	65	10	10
1.3	0.0	100	98	95	90	85	75	65	10	10
1.4	0.0	100	98	95	90	85	75	65	10	10
1.5	0.0	100	98	95	90	85	75	65	10	10
1.6	0.0	100	98	95	90	85	75	65	10	10
1.7	0.0	100	98	95	90	85	75	65	10	10
1.8	0.0	100	98	95	90	85	75	65	10	10
1.9	0.0	100	98	95	90	85	75	65	10	10
2.0	0.0	100	98	95	90	85	75	65	10	10
2.1	0.0	100	98	95	90	85	75	65	10	10
2.2	0.0	100	98	95	90	85	75	65	10	10
2.3	0.0	100	98	95	90	85	75	65	10	10
2.4	0.0	100	98	95	90	85	75	65	10	10
2.5	0.0	100	98	95	90	85	75	65	10	10
2.6	0.0	100	98	95	90	85	75	65	10	10
2.7	0.0	100	98	95	90	85	75	65	10	10
2.8	0.0	100	98	95	90	85	75	65	10	10
2.9	0.0	100	98	95	90	85	75	65	10	10
3.0	0.0	100	98	95	90	85	75	65	10	10
3.1	0.0	100	98	95	90	85	75	65	10	10
3.2	0.0	100	98	95	90	85	75	65	10	10
3.3	0.0	100	98	95	90	85	75	65	10	10
3.4	0.0	100	98	95	90	85	75	65	10	10
3.5	0.0	100	98	95	90	85	75	65	10	10
3.6	0.0	100	98	95	90	85	75	65	10	10
3.7	0.0	100	98	95	90	85	75	65	10	10
3.8	0.0	100	98	95	90	85	75	65	10	10
3.9	0.0	100	98	95	90	85	75	65	10	10
4.0	0.0	100	98	95	90	85	75	65	10	10
4.1	0.0	100	98	95	90	85	75	65	10	10
4.2	0.0	100	98	95	90	85	75	65	10	10
4.3	0.0	100	98	95	90	85	75	65	10	10
4.4	0.0	100	98	95	90	85	75	65	10	10
4.5	0.0	100								

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Laboratory Analyses Completed for this profile