

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 1494 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	Rogers, Gary	Locality:	
Date Desc.:	26/10/92	Elevation:	No Data
Map Ref.:	Sheet No. : 8056 GPS	Rainfall:	No Data
Northing/Long.:	7711568 AMG zone: 55	Runoff:	Moderately rapid
Easting/Lat.:	359429 Datum: AGD66	Drainage:	Imperfectly 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:	Level plain <9m <1%	Pattern Type:	Plain
Morph. Type:	Flat	Relief:	No Data
Elem. Type:	Plain	Slope Category:	Very gently sloped
Slope:	1 %	Aspect:	No Data

Surface Soil Condition (dry): Hardsetting, Cracking

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Haplic Eutrophic Black Dermosol Medium Non-gravelly Clay-loamy Clayey Moderately deep		Principal Profile Form:	Gn3.47

ASC Confidence:

No analytical data are available but confidence is fair.

Great Soil Group: N/A

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

Vegetation:

Low Strata - Tussock grass, 0.26-0.5m, Sparse. *Species includes - Bothriochloa species, Aristida species
Mid Strata - Tree, 3.01-6m, Mid-dense. *Species includes - Eremophila mitchellii, Lysiphillum carronii, Bursaria

incana

Tall Strata - Tree, 6.01-12m, Sparse. *Species includes - Eucalyptus brownii

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A11	0 - 0.02 m	Very dark greyish brown (10YR3/2-Moist); ; Clay loam, fine sandy; Weak grade of structure, 2-5 mm, Platy; Rough-ped fabric; Dry; Firm consistence; , Calcareous, , , , Gypseous, , , ; Field pH 6 (Raupach, 0.01); Abrupt change to -
A12	0.02 - 0.18 m	Very dark greyish brown (10YR3/2-Moist); ; Fine sandy light clay; Weak grade of structure, 10-20 mm, Angular blocky; Rough-ped fabric; Dry; Very firm consistence; , Calcareous, , , , Gypseous, , , ; Field pH 5.5 (Raupach, 0.1); Abrupt change to -
A2j	0.18 - 0.2 m	Greyish brown (10YR5/2-Moist); ; Fine sandy light clay (Heavy); Massive grade of structure; Earthy fabric; Dry; Very firm consistence; , Calcareous, , , , Gypseous, , , ; Field pH 5.8 (Raupach, 0.2); Clear change to -
B21	0.2 - 0.5 m	Very dark grey (10YR3/1-Moist); ; Sandy light medium clay; Strong grade of structure, 20-50 mm, Angular blocky; Smooth-ped fabric; Dry; Strong consistence; , Calcareous, , , , Gypseous, , , ; Field pH 6 (Raupach, 0.45);

Morphological Notes

Observation Notes

Site Notes

Laboratory Test Results:

0.02 - 0.18	5.2A
0.2 - 0.5	5.5A

0.02 - 0.18
0.2 - 0.5

0.02 - 0.18
0.2 - 0.5

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Laboratory Analyses Completed for this profile

4A1 pH of 1:5 soil/water suspension