

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 1515 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	Rogers, Gary	Locality:	
Date Desc.:	13/10/92	Elevation:	No Data
Map Ref.:	Sheet No. : 8056 GPS	Rainfall:	No Data
Northing/Long.:	7721798 AMG zone: 55	Runoff:	Moderately rapid
Easting/Lat.:	362357 Datum: AGD66	Drainage:	Poorly 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): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:	Mapping Unit:	N/A
Bleached Eutrophic Brown Chromosol Medium Non-gravelly Clay-loamy Clayey Moderately deep	Principal Profile Form:	Db3.13

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 - Chrysopogon fallax, Aristida species, Cyperus

Mid Strata - Tree, 1.01-3m, Sparse. *Species includes - Eucalyptus brownii, Eremophila mitchellii

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

Surface Coarse Fragments:

Profile Morphology

A1	0 - 0.12 m	Dark yellowish brown (10YR4/4-Moist); ; Sandy clay loam; Massive grade of structure; Earthy fabric; Dry; Weak consistence; , Calcareous, , , , Gypseous, , , Field pH 5 (Raupach, 0.05); Clear change to -
A2e	0.12 - 0.25 m	Yellowish brown (10YR5/4-Moist); ; Clayey sand; Massive grade of structure; Earthy fabric; Dry; Weak consistence; , Calcareous, , , , Gypseous, , , Field pH 6 (Raupach, 0.2); Abrupt change to -
B21	0.25 - 0.35 m	Yellowish brown (10YR5/4-Moist); Mottles, 10YR42, 20-50% , Prominent; Mottles, 20-50% ; Medium clay; Moderate grade of structure, 20-50 mm, Subangular blocky; Smooth-ped fabric; Dry; Very firm consistence; 2-10%, fine gravelly, 2-6mm, subrounded, Quartz, coarse fragments; , Calcareous, , , , Gypseous, , , Field pH 6 (Raupach, 0.3); Clear change to -
B22	0.35 - 0.55 m	Yellowish brown (10YR5/4-Moist); Mottles, 10YR42, 20-50% , Prominent; Mottles, 20-50% ; Medium clay; Moderate grade of structure, 20-50 mm, Subangular blocky; Smooth-ped fabric; Dry; Very firm consistence; 10-20%, medium gravelly, 6-20mm, subrounded, Quartz, coarse fragments; , Calcareous, , , , Gypseous, , , Field pH 8 (Raupach, 0.5);

Morphological Notes

Observation Notes

Site Notes

Laboratory Test Results:

[illegible]

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Laboratory Analyses Completed for this profile

4A1 pH of 1:5 soil/water suspension