

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 1510 **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.:	7722356 AMG zone: 55	Runoff:	Slow
Easting/Lat.:	351085 Datum: AGD66	Drainage:	Imperfectly 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): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Haplic Eutrophic Brown Chromosol Medium Non-gravelly Clay-loamy Clayey Moderately deep		Principal Profile Form:	Db1.12

ASC Confidence:		Great Soil Group:	N/A
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, <0.25m, Very sparse. *Species includes - Cyperus species, Aristida species
Mid Strata - Tree, 1.01-3m, Sparse. *Species includes - Eucalyptus melanophloia, Eucalyptus papuana,

Eucalyptus

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

Eucalyptus

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A1	0 - 0.04 m	Very dark greyish brown (10YR3/2-Moist); ; Sandy clay loam; Massive grade of structure; Sandy (grains prominent) fabric; Dry; Weak consistence; , Calcareous, , , , Gypseous, , , Field pH 6 (Raupach, 0.02); Abrupt change to -
A12	0.04 - 0.25 m	Dark yellowish brown (10YR4/4-Moist); ; Sandy clay loam; Massive grade of structure; Earthy fabric; Dry; Firm consistence; , Calcareous, , , , Gypseous, , , Field pH 5.5 (Raupach, 0.15); Clear change to -
A3	0.25 - 0.35 m	Dark yellowish brown (10YR4/6-Moist); ; Sandy clay loam (Heavy); Massive grade of structure; Earthy fabric; Dry; Firm consistence; , Calcareous, , , , Gypseous, , , Field pH 6 (Raupach, 0.3); Clear change to -
B2	0.35 - 0.8 m	Dark yellowish brown (10YR4/6-Moist); Mottles, 2.5YR4/6, 0-2% , 0-5mm, Distinct; Mottles, 0-2% ; Light medium clay; Moderate grade of structure, 20-50 mm, Angular blocky; Strong grade of structure, 2-5 mm, Polyhedral; Smooth-ped fabric; Dry; Firm consistence; Few (2 - 10 %), Manganiferous, Medium (2 -6 mm), Soft segregations; , Calcareous, , , , Gypseous, , , Field pH 7 (Raupach, 0.7);

Morphological Notes

Observation Notes

Site Notes

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Laboratory Test Results:

Depth	pH	1:5 EC		Exchangeable Cations		Exchangeable	CEC	ECEC	ESP
m		dS/m	Ca	Mg	K	Na Cmol (+)/kg	Acidity		%
0 - 0.04	5.4A								
0.04 - 0.25	4.8A								
0.25 - 0.35	5A								
0.35 - 0.8	6.9A								

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Laboratory Analyses Completed for this profile

4A1 pH of 1:5 soil/water suspension