

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 904 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	M.G. Cannon	Locality:	
Date Desc.:	02/11/91	Elevation:	No Data
Map Ref.:	Sheet No. : 8256 GPS	Rainfall:	No Data
Northing/Long.:	7692334 AMG zone: 55	Runoff:	No Data
Easting/Lat.:	474712 Datum: AGD66	Drainage:	No Data

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:	No Data	Pattern Type:	No Data
Morph. Type:	No Data	Relief:	No Data
Elem. Type:	No Data	Slope Category:	No Data
Slope:	2 %	Aspect:	No Data

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification:	Mapping Unit:	N/A
Eutrophic Subnatic Grey Sodosol Medium Non-gravelly Loamy Clayey Moderately deep	Principal Profile Form:	Dy2.32
ASC Confidence:	Great Soil Group:	Solodic soil

Analytical data are incomplete but reasonable confidence.

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

Vegetation: Low Strata - Hummock grass, 0.26-0.5m, Sparse. *Species includes - TRIODIA SPECIES ?, Heteropogon contortus

Mid Strata - , , . *Species includes - None recorded

Tall Strata - Tree, 6.01-12m, Mid-dense. *Species includes - Acacia cambagei

Surface Coarse Fragments:

Profile Morphology

A11	0 - 0.05 m	Brown (10YR4/3-Moist); ; Sandy loam (Heavy); Massive grade of structure; Weak consistence; , Calcareous, , , , Gypseous, , , Field pH 6.5 (Raupach, 0.05);
A12j	0.05 - 0.18 m	Very dark greyish brown (10YR3/2-Moist); ; Sandy clay loam (Heavy); Massive grade of structure; Firm consistence; , Calcareous, , , , Gypseous, , ,
B1j	0.18 - 0.2 m	Very dark greyish brown (10YR3/2-Moist); ; Sandy clay loam (Heavy); Massive grade of structure; Firm consistence; , Calcareous, , , , Gypseous, , ,
B21	0.2 - 0.5 m	Dark greyish brown (10YR4/2-Moist); ; Light medium clay; Strong grade of structure, Prismatic; Strong grade of structure, 5-10 mm, Angular blocky; Very strong consistence; , Calcareous, , , , Gypseous, , , Field pH 8 (Raupach, 0.3);
B22	0.5 - 0.8 m	Yellowish brown (10YR5/4-Moist); Mottles, 10YR56, 2-10% , 5-15mm, Distinct; Mottles, 2-10% ; Light medium clay; Moderate grade of structure, Subangular blocky; Very firm consistence; , Calcareous, , , , Gypseous, , , Field pH 7.5 (Raupach, 0.8);

Morphological Notes

Observation Notes

Site Notes

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Laboratory Test Results:

[illegible][illegible][illegible]

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Laboratory Analyses Completed for this profile

15F1_CA	Exchangeable bases by 0.01M silver-thiourea (AgTU)+, no pretreatment for soluble salts
15F1_K	Exchangeable bases by 0.01m (AgTU)+, no pretreatment for soluble salts
15F1_MG	Exchangeable bases by 0.01m (AgTU)+, no pretreatment for soluble salts
15F1_NA	Exchangeable bases by 0.01m (AgTU)+, no pretreatment for soluble salts
15F3	CEC by 0.01M silver-thiourea (AgTU)+
15N1	Exchangeable sodium percentage (ESP)
4A1	pH of 1:5 soil/water suspension