

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 927 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	M.G. Cannon	Locality:	
Date Desc.:	24/04/92	Elevation:	No Data
Map Ref.:	Sheet No. : 8156 GPS	Rainfall:	No Data
Northing/Long.:	7710120 AMG zone: 55	Runoff:	No Data
Easting/Lat.:	433877 Datum: AGD66	Drainage:	No Data

Geology

ExposureType:	No Data	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	No Data	Substrate Material:	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, Surface crust

Erosion:

Soil Classification

Australian Soil Classification:	Mapping Unit:	N/A
Mottled Massive Grey Vertosol Non-gravelly Medium fine Very fine Deep	Principal Profile Form:	Uf6.33
ASC Confidence:	Great Soil Group:	Grey clay

No analytical data are available but confidence is fair.

Site Disturbance: Extensive clearing, for example poisoning, ringbarking

Vegetation: Low Strata - Tussock grass, 0.51-1m, Sparse. *Species includes - Eulalia aurea (ex fulva), Themeda quadrivalis, Aristida species Mid Strata - , , . *Species includes - None recorded

Tall Strata - Tree, 6.01-12m, Isolated plants. *Species includes - Eucalyptus melanophloia, Eucalyptus papuana

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A11	0 - 0.04 m	Dark greyish brown (10YR4/2-Moist); ; Light medium clay; Moderate grade of structure, 2-5 mm, Platy; Smooth-ped fabric; Dry; Weak consistence; , Calcareous, , , , Gypseous, , ; Field pH 6 (Raupach, 0.03);
B21	0.04 - 0.25 m	Dark grey (10YR4/1-Moist); ; Medium heavy clay; Moderate grade of structure, 20-50 mm, Subangular blocky; Smooth-ped fabric; Dry; Firm consistence; , Calcareous, , , , Gypseous, , ; Field pH 6 (Raupach, 0.1);
B22	0.25 - 0.95 m	Grey (10YR5/1-Moist); ; Medium heavy clay; Strong grade of structure, 20-50 mm, Angular blocky; Smooth-ped fabric; Dry; Strong consistence; Common cutans, 10-50% of ped faces or walls coated, distinct; , Calcareous, , , , Gypseous, , ; Field pH 8 (Raupach, 0.6); Field pH 8.5 (Raupach, 0.95);
B23	0.95 - 1 m	Dark grey (10YR4/1-Moist); Mottles, 2.5YR52, 2-10% , 5-15mm, Distinct; Mottles, 2-10% ; Medium heavy clay; Strong grade of structure, 20-50 mm, Angular blocky; Smooth-ped fabric; Dry; Strong consistence; 2-10%, medium gravelly, 6-20mm, rounded, dispersed, Quartz, coarse fragments; Common cutans, 10-50% of ped faces or walls coated, distinct; , Calcareous, , , , Gypseous, , , ;

Morphological Notes

Observation Notes

Site Notes

Laboratory Test Results:

[illegible][illegible]

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Laboratory Analyses Completed for this profile

4A1 pH of 1:5 soil/water suspension