

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 911 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	M.G. Cannon	Locality:	
Date Desc.:	22/04/92	Elevation:	No Data
Map Ref.:	Sheet No. : 8156 GPS	Rainfall:	No Data
Northing/Long.:	7693782 AMG zone: 55	Runoff:	Slow
Easting/Lat.:	439516 Datum: AGD66	Drainage:	Moderately well drained

Geology

Exposure Type:	No Data	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	No Data	Substrate Material:	No Data

Land Form

Rel/Slope Class:	Gently undulating plains <9m 1-3%	Pattern Type:	Plain
Morph. Type:	Mid-slope	Relief:	No Data
Elem. Type:	Plain	Slope Category:	Very gently sloped
Slope:	1 %	Aspect:	No Data

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:	Mapping Unit:	N/A
Mottled Mesotrophic Yellow Kandosol Thin Non-gravelly Clay-loamy Clayey Deep	Principal Profile Form:	Gn2.22
ASC Confidence:	Great Soil Group:	Yellow earth

Analytical data are incomplete but reasonable confidence.

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, TRIODIA SPECIES ?, Heteropogon contortus Mid Strata - Tree, 3.01-6m, Isolated plants. *Species includes - Eucalyptus shirleyi, Casuarina species

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

Surface Coarse Fragments: 0-2%, medium gravelly, 6-20mm, subangular, Detrital sedimentary rock (unidentified)

Profile Morphology

A1	0 - 0.05 m	Dark brown (10YR3/3-Moist); , 20-50% ; , 20-50% ; Loam; Massive grade of structure; Earthy fabric; Dry; Weak consistence; , Calcareous, , , Gypseous, , ; Field pH 6 (Raupach, 0.04);
A3	0.05 - 0.3 m	Brown (10YR5/3-Moist); , 20-50% ; , 20-50% ; Loam; Massive grade of structure; Earthy fabric; Dry; Weak consistence; , Calcareous, , , Gypseous, , ; Field pH 6.5 (Raupach, 0.25);
B21	0.3 - 1 m	Brownish yellow (10YR6/6-Moist); , Sandy clay loam; Massive grade of structure; Earthy fabric; Dry; Weak consistence; , Calcareous, , , Gypseous, , ; Field pH 6 (Raupach, 0.6);
B22	1 - 1.2 m	Light yellowish brown (10YR6/4-Moist); Mottles, 10YR6/1, 20-50% , 5-15mm, Distinct; Mottles, 20-50% ; Light clay; Massive grade of structure; Earthy fabric; Dry; Weak consistence; , Calcareous, , , Gypseous, , ; Field pH 6.5 (Raupach, 1.2);

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

4A1 pH of 1:5 soil/water suspension