

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 1308 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	Rogers, Gary	Locality:	
Date Desc.:	03/08/92	Elevation:	No Data
Map Ref.:	Sheet No. : 8159 GPS	Rainfall:	No Data
Northing/Long.:	7895590 AMG zone: 55	Runoff:	Moderately rapid
Easting/Lat.:	409205 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:	Undulating rises 9-30m 3-10%	Pattern Type:	Rises
Morph. Type:	Mid-slope	Relief:	No Data
Elem. Type:	Hillslope	Slope Category:	Gently inclined
Slope:	10 %	Aspect:	No Data

Surface Soil Condition (dry): Firm

Erosion:

Soil Classification

Australian Soil Classification:	Mapping Unit:	N/A
Acidic Eutrophic Yellow Dermosol Medium Non-gravelly Clay-loamy Clayey Deep	Principal Profile Form:	Gn3.91
ASC Confidence:	Great Soil Group:	Xanthozem

No analytical data are available but confidence is fair.

Site Disturbance: Limited clearing, for example selective logging

Vegetation: Low Strata - Tussock grass, 0.51-1m, Mid-dense. *Species includes - Imperata cylindrica, Panicum species
Mid Strata - Tree, 6.01-12m, Mid-dense. *Species includes - Casuarina torulosa
Tall Strata - Tree, 20.01-35m, Mid-dense. *Species includes - Eucalyptus grandis, Casuarina torulosa,

Syncarpia

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A11	0 - 0.22 m	Dark brown (10YR3/3-Moist); Mottles, 7.5YR6/6, 2-10% , 0-5mm, Faint; Mottles, 2-10% ; Clay loam; Strong grade of structure, 2-5 mm, Granular; Smooth-ped fabric; Moderately moist; , Calcareous, , , , Gypseous, , , Field pH 6 (Raupach, 0.1); Abrupt change to -
B21	0.22 - 0.45 m	Brownish yellow (10YR6/6-Moist); ; Light clay; Weak grade of structure, 2-5 mm, Polyhedral; Smooth-ped fabric; Few (<1 per 100mm ²) Very fine (0.075-1mm) macropores, Moderately moist; 2-10%, fine gravelly, 2-6mm, angular, Quartz, coarse fragments; , Calcareous, , , , Gypseous, , ; Field pH 5.5 (Raupach, 0.4); Clear change to -
B22	0.45 - 1.2 m	Light yellowish brown (10YR6/4-Moist); Mottles, 7.5YR5/8, 20-50% , 15-30mm, Distinct; Mottles, 10YR7/1, 20-50% ; Light clay; Strong grade of structure, 10-20 mm, Subangular blocky; Smooth-ped fabric; Moderately moist; 2-10%, fine gravelly, 2-6mm, angular, Quartz, coarse fragments; , Calcareous, , , , Gypseous, , , Field pH 5 (Raupach, 1);

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