

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 1358 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	Rogers, Gary	Locality:	
Date Desc.:	18/08/92	Elevation:	No Data
Map Ref.:	Sheet No. : 7957 GPS	Rainfall:	No Data
Northing/Long.:	7739005 AMG zone: 55	Runoff:	Slow
Easting/Lat.:	342392 Datum: AGD66	Drainage:	Imperfectly drained

Geology

ExposureType:	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:	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
Bleached-Mottled Magnesic Yellow Kandosol Medium Non-gravelly Loamy Clayey Moderately deep	Principal Profile Form:	Dy2.81
ASC Confidence:	Great Soil Group:	Lateritic podzolic soil
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, 0.51-1m, Sparse. *Species includes - Aristida species, Eragrostis species, Heteropogon contortus Mid Strata - Tree, 3.01-6m, Isolated plants. *Species includes - Eucalyptus melanophloia, Acacia species, Petalostigma pubescens
Tall Strata - Tree, 12.01-20m, Sparse. *Species includes - Eucalyptus melanophloia, Eucalyptus papuana, Eucalyptus polycarpa

Surface Coarse Fragments:

Profile Morphology

A1	0 - 0.06 m	Dark brown (10YR3/3-Moist); ; Sandy loam; Massive grade of structure; Dry; Very weak consistence; , Calcareous, , , , Gypseous, , , Field pH 6 (Raupach, 0.05); Clear change to -
A2e	0.06 - 0.13 m	Yellowish brown (10YR5/4-Moist); ; Sandy loam; Massive grade of structure; Dry; Very weak consistence; , Calcareous, , , , Gypseous, , , Field pH 6 (Raupach, 0.1); Clear change to -
B1	0.13 - 0.3 m	Light yellowish brown (10YR6/4-Moist); ; Sandy clay loam; Massive grade of structure; Dry; Very weak consistence; , Calcareous, , , , Gypseous, , , Field pH 6 (Raupach, 0.25); Clear change to -
B2	0.3 - 0.5 m	Light yellowish brown (10YR6/4-Moist); Mottles, 10YR56, 2-10% , 5-15mm, Distinct; Mottles, 2-10% ; Sandy light clay; Massive grade of structure; Dry; Weak consistence; 20-50%, fine gravelly, 2-6mm, subrounded, Quartz, coarse fragments; Common (10 - 20 %), Manganiferous, Medium (2 -6 mm), Nodules; , Calcareous, , , , Gypseous, , , Field pH 6 (Raupach, 0.5);

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