

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 1368 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	Rogers, Gary	Locality:	
Date Desc.:	19/08/92	Elevation:	No Data
Map Ref.:	Sheet No. : 7957 GPS	Rainfall:	No Data
Northing/Long.:	7744774 AMG zone: 55	Runoff:	Rapid
Easting/Lat.:	331984 Datum: AGD66	Drainage:	Moderately well 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 plains <9m 3-10%	Pattern Type:	Plain
Morph. Type:	Upper-slope	Relief:	No Data
Elem. Type:	Plain	Slope Category:	Gently inclined
Slope:	3 %	Aspect:	No Data

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:	Mapping Unit:	N/A
Haplic Eutrophic Brown Chromosol Thick Non-gravelly Loamy Clayey Moderately deep	Principal Profile Form:	Dy2.12
ASC Confidence:	Great Soil Group:	Yellow 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, Eriachne species, Heteropogon contortus Mid Strata - Tree, 3.01-6m, Isolated plants. *Species includes - Eucalyptus papuana, Albizia basaltica

Tall Strata - Tree, 12.01-20m, Sparse. *Species includes - Eucalyptus quadricostata, Eucalyptus papuana

Surface Coarse Fragments: 0-2%, fine gravelly, 2-6mm, subangular, Quartz

Profile Morphology

A11	0 - 0.05 m	Very dark greyish brown (10YR3/2-Moist); ; Loamy sand (Heavy); Massive grade of structure; Earthy fabric; Dry; Very weak consistence; 10-20%, fine gravelly, 2-6mm, subrounded, Quartz, coarse fragments; , Calcareous, , , ; Gypseous, , ; Field pH 6 (Raupach, 0.05); Abrupt change to -
A12	0.05 - 0.2 m	Dark yellowish brown (10YR4/4-Moist); ; Clayey sand; Massive grade of structure; Earthy fabric; Dry; Very weak consistence; 10-20%, fine gravelly, 2-6mm, subrounded, Quartz, coarse fragments; , Calcareous, , , ; Gypseous, , ; Field pH 6 (Raupach, 0.15); Clear change to -
A13	0.2 - 0.35 m	Yellowish brown (10YR5/8-Moist); ; Clayey sand; Massive grade of structure; Earthy fabric; Dry; Very weak consistence; 20-50%, fine gravelly, 2-6mm, subrounded, Quartz, coarse fragments; , Calcareous, , , ; Gypseous, , ; Field pH 6 (Raupach, 0.3); Abrupt change to -
B21	0.35 - 0.6 m	Yellowish brown (10YR5/6-Moist); Mottles, 10YR51, 2-10% , 5-15mm, Distinct; Mottles, 2-10% ; Sandy light medium clay; Moderate grade of structure, 20-50 mm, Prismatic; Smooth-ped fabric; Dry; Strong consistence; 20-50%, fine gravelly, 2-6mm, subangular, Granite, coarse fragments; , Calcareous, , , ; Gypseous, , ; Field pH 7 (Raupach, 0.6);

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