

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 2038 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	Rogers, Gary	Locality:	
Date Desc.:	22/06/93	Elevation:	No Data
Map Ref.:	Sheet No. : 8055 GPS	Rainfall:	No Data
Northing/Long.:	7647475 AMG zone: 55	Runoff:	Slow
Easting/Lat.:	446118 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 rises 9-30m 3-10%	Pattern Type:	Rises
Morph. Type:	Simple-slope	Relief:	No Data
Elem. Type:	Hillslope	Slope Category:	Gently inclined
Slope:	%	Aspect:	No Data

Surface Soil Condition (dry): Firm, Surface flake

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Haplic Epipedal Brown Vertosol Slightly gravelly Medium fine Very fine Deep		Principal Profile Form:	Ug5.6
ASC Confidence:	No analytical data are available but confidence is fair.	Great Soil Group:	Brown clay

Site Disturbance: Limited clearing, for example selective logging

Vegetation: Low Strata - Tussock grass, <0.25m, Very sparse. *Species includes - Bothriochloa pertusa
Mid Strata - , , . *Species includes - None recorded
Tall Strata - Tree, 1.01-3m, Very sparse. *Species includes - Lysipillum carronii

Surface Coarse Fragments: 2-10%, fine gravelly, 2-6mm, subangular, Sandstone

Profile Morphology

A1	0 - 0.08 m	Yellowish brown (10YR5/4-Moist); ; Light medium clay; Moderate grade of structure, 20-50 mm, Subangular blocky; Smooth-ped fabric; Dry; Strong consistence; 0-2%, fine gravelly, 2-6mm, subrounded, Quartz, coarse fragments; , Calcareous, , , , Gypseous, , ; Soil matrix is Very highly calcareous; Field pH 9 (Raupach, 0.04); Clear change to -
B1	0.08 - 0.22 m	Brown (10YR4/3-Moist); ; Medium clay; Moderate grade of structure, 20-50 mm, Subangular blocky; Smooth-ped fabric; Dry; Strong consistence; 0-2%, fine gravelly, 2-6mm, subrounded, Quartz, coarse fragments; , Calcareous, , , , Gypseous, , ; Soil matrix is Highly calcareous; Field pH 8 (Raupach, 0.15); Clear change to -
B21	0.22 - 0.6 m	Brown (10YR4/3-Moist); ; Medium clay; Moderate grade of structure, 50-100 mm, Lenticular; Smooth-ped fabric; Moderately moist; Strong consistence; 0-2%, fine gravelly, 2-6mm, subrounded, Quartz, coarse fragments; Few cutans, <10% of ped faces or walls coated, faint; Few (2 - 10 %), Manganiferous, , , , Calcareous, , , , Gypseous, , ; Field pH 7.5 (Raupach, 0.5); Gradual change to -
B22	0.6 - 1 m	Brown (10YR4/3-Moist); ; Medium clay; 0-2%, fine gravelly, 2-6mm, subrounded, Quartz, coarse fragments; , , Fine (0 - 2 mm), Nodules; , Calcareous, , , , Gypseous, , ; Field pH 7 (Raupach, 1);

Morphological Notes

Observation Notes

Site Notes

Laboratory Test Results:

[illegible]

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Laboratory Analyses Completed for this profile