

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 1198 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	Rogers, Gary	Locality:	
Date Desc.:	17/06/92	Elevation:	No Data
Map Ref.:	Sheet No. : 8059 GPS	Rainfall:	No Data
Northing/Long.:	7843986 AMG zone: 55	Runoff:	No Data
Easting/Lat.:	374101 Datum: AGD66	Drainage:	Poorly 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:	Gently undulating plains <9m 1-3%	Pattern Type:	Plain
Morph. Type:	Simple-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
Bleached-Sodic Eutrophic Brown Chromosol Medium Non-gravelly Clay-loamy Clayey Moderately deep	Principal Profile Form:	Dy2.63
ASC Confidence:	Great Soil Group:	Solodic 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, 0.26-0.5m, Sparse. *Species includes - Aristida species
Mid Strata - Tree, 6.01-12m, Mid-dense. *Species includes - Eremophila mitchellii, Lysiphillum carronii,

Terminalia

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

Surface Coarse Fragments: 0-2%, medium gravelly, 6-20mm, subangular, Quartz

Profile Morphology

A1	0 - 0.08 m	Dark brown (10YR3/3-Moist); ; Sandy clay loam; Massive grade of structure; Earthy fabric; Dry; 2-10%, fine gravelly, 2-6mm, subrounded, Quartz, coarse fragments; , Calcareous, , , , Gypseous, , ; Field pH 6 (Raupach, 0.05); Abrupt change to -
A2e	0.08 - 0.12 m	Dark greyish brown (10YR4/2-Moist); ; Sandy clay loam; Massive grade of structure; Earthy fabric; Dry; 2-10%, fine gravelly, 2-6mm, subrounded, Quartz, coarse fragments; , Calcareous, , , , Gypseous, , ; Field pH 6.5 (Raupach, 0.1); Abrupt change to -
B21	0.12 - 0.4 m	Yellowish brown (10YR5/4-Moist); ; Sandy light medium clay; Weak grade of structure, 5-10 mm, Polyhedral; Smooth-ped fabric; Dry; 10-20%, fine gravelly, 2-6mm, subangular, Quartz, coarse fragments; Common (10 - 20 %), Manganiferous, Medium (2 -6 mm), Soft segregations; , Calcareous, , , , Gypseous, , , ; Field pH 6.5 (Raupach, 0.3); Gradual change to -
B22	0.4 - 0.7 m	Brown (10YR5/3-Moist); ; Sandy light medium clay; Massive grade of structure; Moderately moist; 20-50%, fine gravelly, 2-6mm, subangular, Quartz, coarse fragments; Common (10 - 20 %), Manganiferous, Medium (2 -6 mm), Soft segregations; , Calcareous, , , , Gypseous, , , ; Soil matrix is Moderately calcareous; Field pH 8.5 (Raupach, 0.6);

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