

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 1345 **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.: 7743288 AMG zone: 55	Runoff: Slow
Easting/Lat.: 337541 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: Gently undulating plains <9m 1-3%	Pattern Type: Plain
Morph. Type: Flat	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 Petroferric Yellow Chromosol Thick Non-gravelly Loamy Clayey Moderately deep	Principal Profile Form: Dy2.82
ASC Confidence:	Great Soil Group: Gleyed 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
 Mid Strata - Tree, 1.01-3m, Sparse. *Species includes - Eucalyptus melanophloia, Acacia species
 Tall Strata - Tree, 12.01-20m, Very sparse. *Species includes - Eucalyptus melanophloia, Eucalyptus papuana,
 Eucalyptus polycarpa

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

Profile Morphology

A1	0 - 0.05 m	Dark brown (10YR3/3-Moist); ; Sandy loam; Massive grade of structure; Earthy fabric; Dry; , Calcareous, , ; , Gypseous, , ; Field pH 5.8 (Raupach, 0.03); Abrupt change to -
A2e	0.05 - 0.3 m	Yellowish brown (10YR5/4-Moist); ; Clayey sand; Massive grade of structure; Earthy fabric; Dry; 2-10%, fine gravelly, 2-6mm, subrounded, Quartz, coarse fragments; , Calcareous, , ; , Gypseous, , ; Field pH 6 (Raupach, 0.2); Clear change to -
B1	0.3 - 0.42 m	Light yellowish brown (2.5Y6/4-Moist); ; Sandy light clay; Massive grade of structure; Earthy fabric; Dry; 2-10%, fine gravelly, 2-6mm, subrounded, Quartz, coarse fragments; , Calcareous, , ; Gypseous, , ; Field pH 6 (Raupach, 0.4); Clear change to -
B21	0.42 - 0.65 m	Light yellowish brown (2.5Y6/4-Moist); ; Sandy light clay; Massive grade of structure; Earthy fabric; Dry; 2-10%, fine gravelly, 2-6mm, subrounded, Quartz, coarse fragments; Very few (0 - 2 %), Manganiferous, Medium (2 -6 mm), Nodules; , Calcareous, , ; , Gypseous, , ; Field pH 6 (Raupach, 0.6); Clear change to -
B22	0.65 - 0.72 m	Light yellowish brown (10YR6/4-Moist); Mottles, 10YR5/6, 2-10% , Distinct; Mottles, 2-10% ; Sandy light clay; Massive grade of structure; Earthy fabric; Dry; 2-10%, fine gravelly, 2-6mm, subrounded, Quartz, coarse fragments; Very few (0 - 2 %), Manganiferous, Medium (2 -6 mm), Nodules; , Calcareous, , ; , Gypseous, , ; Field pH 6.5 (Raupach, 0.72);

Morphological Notes

Observation Notes

Site Notes

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Laboratory Test Results:

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Laboratory Analyses Completed for this profile

4A1 pH of 1:5 soil/water suspension