

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 1312 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By: Rogers, Gary	Locality:
Date Desc.: 03/08/92	Elevation: No Data
Map Ref.: Sheet No. : 8160 GPS	Rainfall: No Data
Northing/Long.: 7904586 AMG zone: 55	Runoff: Very slow
Easting/Lat.: 400536 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: Level plain <9m <1%	Pattern Type: Alluvial plain
Morph. Type: Flat	Relief: No Data
Elem. Type: Valley flat	Slope Category: Level
Slope: 1 %	Aspect: No Data

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:	Mapping Unit: N/A
Mottled Eutrophic Black Chromosol Very thick Non-gravelly Silty Clayey Very deep	Principal Profile Form: Dd1.12
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, Mid-dense. *Species includes - Heteropogon contortus, Sporobolus species,

Chrysopogon fallax Mid Strata - , , . *Species includes - None recorded

Tall Strata - Tree, 20.01-35m, Sparse. *Species includes - Eucalyptus tereticornis

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A11	0 - 0.1 m	Dark brown (7.5YR3/2-Moist); ; Silty clay loam; Weak grade of structure, Granular; Smooth-ped fabric; Dry; , Calcareous, , , , Gypseous, , , Field pH 6 (Raupach, 0.05); Clear change to -
A12	0.1 - 0.22 m	Dark brown (7.5YR3/2-Moist); ; Silty clay loam; Weak grade of structure, Granular; Smooth-ped fabric; Dry; Few (2 - 10 %), Ferromanganiferous, Fine (0 - 2 mm), Nodules; , Calcareous, , , , Gypseous, , , Field pH 6 (Raupach, 0.15); Clear change to -
A13	0.22 - 0.37 m	Dark brown (7.5YR3/2-Moist); ; Silty clay loam; Massive grade of structure; Earthy fabric; Dry; , Calcareous, , , , Gypseous, , , Field pH 6 (Raupach, 0.3); Abrupt change to -
A2	0.37 - 0.65 m	Brown (10YR4/3-Moist); ; Sand; Single grain grade of structure; Sandy (grains prominent) fabric; Dry; , Calcareous, , , , Gypseous, , , Field pH 6 (Raupach, 0.6); Abrupt change to -
B21	0.65 - 1.1 m	Very dark grey (10YR3/1-Moist); ; Medium clay; Moderate grade of structure, 10-20 mm, Subangular blocky; Smooth-ped fabric; Common (1-5 per 100mm2) Fine (1-2mm) macropores, Moderately moist; , Calcareous, , , , Gypseous, , , Field pH 6 (Raupach, 1); Clear change to -
B22	1.1 - 2 m	Grey (10YR5/1-Moist); Mottles, 7.5YR5.8, 2-10% , Distinct; Mottles, 2-10% ; Medium clay; Massive grade of structure; Weak grade of structure, 10-20 mm, Angular blocky; Earthy fabric; Moderately moist; , Calcareous, , , , Gypseous, , , Field pH 8 (Raupach, 1.3);

Morphological Notes

Observation Notes

Site Notes

Laboratory Test Results:

0.1 - 0.22	6.1A
0.65 - 1.1	6.2A

0.1 - 0.22
0.65 - 1.1

0.1 - 0.22
0.65 - 1.1

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Laboratory Analyses Completed for this profile

4A1 pH of 1:5 soil/water suspension