

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 956 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	Barry, Earl	Locality:	
Date Desc.:	02/09/92	Elevation:	340 metres
Map Ref.:	Sheet No. : 8057 GPS	Rainfall:	No Data
Northing/Long.:	7752182 AMG zone: 55	Runoff:	Moderately rapid
Easting/Lat.:	359470 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:	Plain	Slope Category:	Level
Slope:	1 %	Aspect:	No Data

Surface Soil Condition (dry): Hardsetting, Poached

Erosion:

Soil Classification

Australian Soil Classification:	Mapping Unit:	N/A
Bleached-Sodic Eutrophic Brown Chromosol Thick Non-gravelly Silty Clayey Moderately deep	Principal Profile Form:	Db1.43
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, <0.25m, Sparse. *Species includes - None recorded
Mid Strata - Tree, 1.01-3m, Sparse. *Species includes - Eremophila mitchellii, Eucalyptus brownii
Tall Strata - Tree, 6.01-12m, Sparse. *Species includes - Eucalyptus brownii

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A11	0 - 0.1 m	Dark brown (10YR3/3-Moist); ; Silty light clay; Massive grade of structure; Dry; Weak consistence; , Calcareous, , , , Gypseous, , , Field pH 6 (Raupach, 0.05); Gradual change to -
A2e	0.1 - 0.3 m	Greyish brown (10YR5/2-Moist); ; Silty clay loam; Massive grade of structure; Dry; Weak consistence; , Calcareous, , , , Gypseous, , , Field pH 6.5 (Raupach, 0.2); Abrupt change to -
B21	0.3 - 0.6 m	Brown (10YR4/3-Moist); ; Medium clay; Moderate grade of structure, 10-20 mm, Subangular blocky; Dry; Very strong consistence; Very few (0 - 2 %), Manganiferous, Medium (2 -6 mm), Soft segregations; , Calcareous, , , , Gypseous, , , Field pH 7.5 (Raupach, 0.5);
B22	0.6 - 0.7 m	Yellowish brown (10YR5/4-Moist); ; Medium clay; Weak grade of structure, 10-20 mm, Subangular blocky; Dry; Very strong consistence; , Calcareous, , , , Gypseous, , , Field pH 9 (Raupach, 0.7);

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