

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 960 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	Barry, Earl	Locality:	
Date Desc.:	02/09/92	Elevation:	360 metres
Map Ref.:	Sheet No. : 8057 GPS	Rainfall:	No Data
Northing/Long.:	7735430 AMG zone: 55	Runoff:	Moderately rapid
Easting/Lat.:	356363 Datum: AGD66	Drainage:	Poorly 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:	Level plain <9m <1%	Pattern Type:	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 Eutrophic Grey Kandosol Medium Non-gravelly Clayey Clayey Deep		Principal Profile Form:	Uf3
ASC Confidence:	No analytical data are available but confidence is fair.	Great Soil Group:	Grey clay

Site Disturbance: No effective disturbance other than grazing by hoofed animals

Vegetation: Low Strata - Tussock grass, 0.26-0.5m, Sparse. *Species includes - Heteropogon contortus, Bothriochloa decipiens,
Digitaria species
Mid Strata - Tree, 3.01-6m, Sparse. *Species includes - Eremophila mitchellii, Eucalyptus brownii, Atalaya hemiglauca

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

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

Profile Morphology

A1	0 - 0.12 m	Very dark grey (10YR3/1-Moist); ; Light medium clay; Massive grade of structure; Earthy fabric; Dry; Very strong consistence; ; Calcareous, ; ; Gypseous, ; ; Field pH 5.5 (Raupach, 0.05); Clear change to -
A2j	0.12 - 0.22 m	Dark grey (10YR4/1-Moist); ; Light medium clay; Massive grade of structure; Earthy fabric; Dry; Very strong consistence; ; Calcareous, ; ; Gypseous, ; ; Field pH 5.5 (Raupach, 0.2); Abrupt change to -
B21	0.22 - 1 m	Dark grey (10YR4/1-Moist); ; Medium heavy clay; Weak grade of structure, 20-50 mm, Polyhedral; Smooth-ped fabric; Moderately moist; Very strong consistence; ; Calcareous, ; ; Gypseous, ; ; Field pH 9.5 (Raupach, 0.9); Gradual change to -
B22	1 - 1.5 m	Grey (10YR5/1-Moist); ; Sandy medium heavy clay; Massive grade of structure; Earthy fabric; Moderately moist; Strong consistence; 2-10%, fine gravelly, 2-6mm, subangular, Quartz, coarse fragments; Very few (0 - 2 %), Calcareous, Medium (2 -6 mm), Soft segregations; ; Gypseous, ; ; Soil matrix is Highly calcareous; Field pH 9.5 (Raupach, 1.5);

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