

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 1955 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	Barry, Earl	Locality:	
Date Desc.:	23/09/93	Elevation:	No Data
Map Ref.:	Sheet No. : 7858 GPS	Rainfall:	No Data
Northing/Long.:	7821734 AMG zone: 55	Runoff:	Slow
Easting/Lat.:	267798 Datum: AGD66	Drainage:	Moderately well drained

Geology

Exposure Type:	No Data	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	No Data	Substrate Material:	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
Haplic Eutrophic Brown Ferrosol Medium Non-gravelly Clay-loamy Clayey Moderately deep	Principal Profile Form:	Gn3.72
ASC Confidence:	Great Soil Group:	No suitable group

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 - Bothriochloa decipiens, Themeda triandra, Bothriochloa ewartiana Mid Strata - , , . *Species includes - None recorded

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

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

Profile Morphology

A11	0 - 0.06 m	Dark brown (10YR3/3-Moist); ; Clay loam, sandy; Weak grade of structure, 10-20 mm, Subangular blocky; Rough-ped fabric; Dry; Firm consistence; Few (2 - 10 %), Manganiferous, Fine (0 - 2 mm), Nodules; , Calcareous, , , , Gypseous, , ; Field pH 7 (Raupach, 0.02); Clear change to -
A12	0.06 - 0.2 m	Dark brown (7.5YR3/3-Moist); ; Sandy light clay; Moderate grade of structure, 2-5 mm, Polyhedral; Rough-ped fabric; Dry; Very firm consistence; Few (2 - 10 %), Manganiferous, Fine (0 - 2 mm), Nodules; , Calcareous, , , , Gypseous, , ; Field pH 7 (Raupach, 0.15); Gradual change to -
B21	0.2 - 0.6 m	Yellowish brown (10YR5/6-Moist); ; Light medium clay; Strong grade of structure, 2-5 mm, Polyhedral; Smooth-ped fabric; Dry; Very firm consistence; 2-10%, medium gravelly, 6-20mm, subangular, Quartz, coarse fragments; Few (2 - 10 %), Manganiferous, Fine (0 - 2 mm), Nodules; , Calcareous, , , , Gypseous, , ; Field pH 6.5 (Raupach, 0.4);

Morphological Notes

Observation Notes

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Laboratory Analyses Completed for this profile