

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 2362 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	Rogers, Gary	Locality:	
Date Desc.:	26/10/94	Elevation:	No Data
Map Ref.:	Sheet No. : 7960 GPS	Rainfall:	No Data
Northing/Long.:	7916111 AMG zone: 55	Runoff:	Rapid
Easting/Lat.:	292075 Datum: AGD66	Drainage:	Moderately well drained

Geology

ExposureType:	No Data	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	No Data	Substrate Material:	Undisturbed soil core, Sandstone

Land Form

Rel/Slope Class:	Undulating plains <9m 3-10%	Pattern Type:	Plain
Morph. Type:	Simple-slope	Relief:	No Data
Elem. Type:	Hillslope	Slope Category:	Gently inclined
Slope:	4 %	Aspect:	No Data

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:	Mapping Unit:	N/A
Haplic Eutrophic Yellow Kandosol Medium Slightly gravelly Loamy Clay-loamy Moderately deep	Principal Profile Form:	Gn2.21
ASC Confidence: Confidence level not specified	Great Soil Group:	Yellow earth

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

Vegetation: Low Strata - Hummock grass, <0.25m, Isolated plants. *Species includes - Triodia mitchellii
Mid Strata - Shrub, 0.51-1m, Sparse. *Species includes - Acacia species, Petalostigma pubescens
Tall Strata - Tree, 6.01-12m, Very sparse. *Species includes - Eucalyptus melanophloia, Eucalyptus brownii

Surface Coarse Fragments: 2-10%, medium gravelly, 6-20mm, angular, Sandstone

Profile Morphology

A11	0 - 0.1 m	Dark yellowish brown (10YR4/4-Moist); ; Sandy loam; Massive grade of structure; Earthy fabric; Dry; Few (2 - 10 %), Ferruginous, Medium (2 -6 mm), Nodules; , Calcareous, , ; , Gypseous, , ; Field pH 5.5 (Raupach, 0.05); Clear change to -
A2	0.1 - 0.2 m	Yellowish brown (10YR5/6-Moist); ; Sandy clay loam; Massive grade of structure; Earthy fabric; Dry; Many (20 - 50 %), Ferruginous, Coarse (6 - 20 mm), Nodules; , Calcareous, , ; , Gypseous, , ; Field pH 5.5 (Raupach, 0.15); Clear change to -
B2	0.2 - 0.6 m	Brownish yellow (10YR6/8-Moist); Mottles, 2.5YR48, 2-10% , 0-5mm, Distinct; Mottles, 2-10% ; Clay loam, sandy; Massive grade of structure; Earthy fabric; Dry; Many (20 - 50 %), Ferruginous, Coarse (6 - 20 mm), Nodules; , Calcareous, , ; , Gypseous, , ; Field pH 5.5
R	0.6 - 0.65 m	Rock

Morphological Notes

Observation Notes

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Laboratory Test Results:

[illegible][illegible][illegible]

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Laboratory Analyses Completed for this profile

15A2_CA	Exchangeable bases (Ca ²⁺ ,Mg ²⁺ ,Na ⁺ ,K ⁺) - 1M ammonium chloride at pH 7.0, pretreatment for soluble salts
15A2_K	Exchangeable bases- 1M ammonium chloride at pH 7.0, pretreatment for soluble salts
15A2_MG	Exchangeable bases- 1M ammonium chloride at pH 7.0, pretreatment for soluble salts
15A2_NA	Exchangeable bases- 1M ammonium chloride at pH 7.0, pretreatment for soluble salts
4A1	pH of 1:5 soil/water suspension