

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 2364 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	Rogers, Gary	Locality:	
Date Desc.:	27/10/94	Elevation:	No Data
Map Ref.:	Sheet No. : 7851 GPS	Rainfall:	No Data
Northing/Long.:	7967812 AMG zone: 55	Runoff:	Moderately rapid
Easting/Lat.:	263312 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 rises 9-30m 1-3%	Pattern Type:	Plain
Morph. Type:	Simple-slope	Relief:	No Data
Elem. Type:	Plain	Slope Category:	Very gently sloped
Slope:	3 %	Aspect:	No Data

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:	Mapping Unit:	N/A
Haplic Eutrophic Red Ferrosol Thin Gravelly Clay-loamy Clayey Moderately deep	Principal Profile Form:	Gn3.12
ASC Confidence:	Great Soil Group:	Euchrozem
Confidence level not specified		

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

Vegetation: Low Strata - Tussock grass, 0.51-1m, Mid-dense. *Species includes - Themeda triandra, Heteropogon triticeus
Mid Strata - Shrub, 0.51-1m, Very sparse. *Species includes - Grevillea species
Tall Strata - Tree, 12.01-20m, Mid-dense. *Species includes - Eucalyptus crebra, Eucalyptus papuana,
Eucalyptus
erythrophloia

Surface Coarse Fragments: 10-20%, stony, 200-600mm, subangular, Basalt

Profile Morphology

A1	0 - 0.08 m	Dark reddish brown (5YR3/3-Moist); ; Clay loam; Weak grade of structure, 10-20 mm, Polyhedral; Smooth-ped fabric; Dry; , Calcareous, , , , Gypseous, , ; Field pH 6.5 (Raupach, 0.05); Clear change to -
B21	0.08 - 0.38 m	Reddish brown (5YR4/4-Moist); ; Light clay; Massive grade of structure; Earthy fabric; Dry; , Calcareous, , , , Gypseous, , ; Field pH 6.5 (Raupach, 0.3); Clear change to -
B22	0.38 - 0.8 m	Dark red (2.5YR3/6-Moist); ; Light clay; Strong grade of structure, 10-20 mm, Polyhedral; Dry; , Calcareous, , , , Gypseous, , ; Field pH 6.5 (Raupach, 0.7);

Morphological Notes

Observation Notes

Site 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