

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 2368 **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. : 7860 GPS	Rainfall:	No Data
Northing/Long.:	7914720 AMG zone: 55	Runoff:	Rapid
Easting/Lat.:	275277 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:	Undulating rises 9-30m 3-10%	Pattern Type:	Rises
Morph. Type:	Simple-slope	Relief:	No Data
Elem. Type:	Hillslope	Slope Category:	Gently inclined
Slope:	6 %	Aspect:	No Data

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Haplic Eutrophic Red Chromosol Medium Gravelly Clay-loamy Clayey Moderately deep		Principal Profile Form:	Dr2.12
ASC Confidence:		Great Soil Group:	Red podzolic soil
Confidence level not specified			

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

Vegetation: Low Strata - Tussock grass, 0.26-0.5m, Very sparse. *Species includes - Eragrostis species, Bothriochloa
decipiens,
Aristida species Mid Strata - Tree, 3.01-6m, Very sparse. *Species includes - Eucalyptus crebra, Eucalyptus
papuana

Tall Strata - Tree, 12.01-20m, Sparse. *Species includes - Eucalyptus crebra, Eucalyptus papuana

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

Profile Morphology

A11	0 - 0.15 m	Dark brown (7.5YR3/4-Moist); ; Sandy clay loam (Light); Massive grade of structure; Earthy fabric; Dry; 10-20%, medium gravelly, 6-20mm, angular, Quartz, coarse fragments; , Calcareous, , ; , Gypseous, , ; Field pH 6.5 (Raupach, 0.1); Clear change to -
B21	0.15 - 0.55 m	Red (2.5YR4/6-Moist); ; Medium clay; Strong grade of structure, 20-50 mm, Angular blocky; Smooth-ped fabric; Dry; 0-2%, fine gravelly, 2-6mm, angular, Quartz, coarse fragments; , Calcareous, , ; , Gypseous, , ; Field pH 6.5 (Raupach, 0.3); Gradual change to -
BC	0.55 - 0.95 m	Yellowish red (5YR4/6-Moist); ; Sandy clay loam; Weak grade of structure, 20-50 mm, Subangular blocky; Smooth-ped fabric; 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