

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 735 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	M.G. Cannon	Locality:	
Date Desc.:	16/08/91	Elevation:	300 metres
Map Ref.:	Sheet No. : 8158 GPS	Rainfall:	No Data
Northing/Long.:	7803772 AMG zone: 55	Runoff:	No Data
Easting/Lat.:	423715 Datum: AGD66	Drainage:	No Data

Geology

Exposure Type:	No Data	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	No Data	Substrate Material:	Undisturbed soil core, Granodiorite

Land Form

Rel/Slope Class:	Undulating rises 9-30m 3-10%	Pattern Type:	Rises
Morph. Type:	Crest	Relief:	No Data
Elem. Type:	Hillcrest	Slope Category:	Very gently sloped
Slope:	2 %	Aspect:	140 degrees

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:	Mapping Unit:	N/A
Haplic Eutrophic Red Chromosol Thin Non-gravelly Clay-loamy Clayey Deep	Principal Profile Form:	Dr2.13

ASC Confidence:	Great Soil Group:	Non-calciic brown soil
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, 1.01-3m, Closed or dense. *Species includes - Bothriochloa ewartiana, Bothriochloa pertusa, Chrysopogon fallax Mid Strata - Tree, 3.01-6m, Sparse. *Species includes - Eucalyptus crebra, Eucalyptus papuana, Eucalyptus erythrophloia

Tall Strata - Tree, 6.01-12m, Isolated plants. *Species includes - Eucalyptus crebra

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A	0 - 0.08 m	Dark brown (7.5YR3/2-Moist); ; Sandy loam; Massive grade of structure; Earthy fabric; Dry; Very weak consistence; , Calcareous, , , , Gypseous, , ; Field pH 6 (Raupach, 0.05); Clear
B1	0.08 - 0.4 m	Yellowish red (5YR4/6-Moist); ; Clay loam, sandy; Moderate grade of structure, 50-100 mm, Prismatic; Smooth-ped fabric; Moderately moist; Weak consistence; , Calcareous, , , , Gypseous, , , Field pH 6.5 (Raupach, 0.3); Gradual change to -
B21	0.4 - 1 m	Red (2.5YR4/6-Moist); ; Medium heavy clay; Moderate grade of structure, 20-50 mm, Subangular blocky; Smooth-ped fabric; Moderately moist; Weak consistence; , Calcareous, , , , Gypseous, , , Field pH 6.5 (Raupach, 0.6); Gradual change to -
B/C	1 - 1.3 m	; Massive grade of structure; Earthy fabric; Moderately moist; Weak consistence; , Calcareous, , , , Gypseous, , , Field pH 8 (Raupach, 1.2); Diffuse change to -
C	1.3 - 1.45 m	; Massive grade of structure; Earthy fabric; Moderately moist; Weak consistence; , Calcareous, , , , Gypseous, , , Field pH 8.5 (Raupach, 1.45);

Morphological Notes

Observation Notes

Site Notes

Laboratory Test Results:

0 - 0.08	7.6A
1.3 - 1.45	7.8A

0 - 0.08
1.3 - 1.45

0 - 0.08
1.3 - 1.45

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Laboratory Analyses Completed for this profile

4A1 pH of 1:5 soil/water suspension