

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 681 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	M.G. Cannon	Locality:	
Date Desc.:	29/07/91	Elevation:	330 metres
Map Ref.:	Sheet No. : 8258 GPS	Rainfall:	No Data
Northing/Long.:	7811658 AMG zone: 55	Runoff:	Moderately rapid
Easting/Lat.:	454635 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, Granodiorite

Land Form

Rel/Slope Class:	Gently undulating rises 9-30m 1-3%	Pattern Type:	Rises
Morph. Type:	Crest	Relief:	No Data
Elem. Type:	Hillcrest	Slope Category:	Very gently sloped
Slope:	2 %	Aspect:	80 degrees

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Haplic Eutrophic Red Dermosol Thin Non-gravelly Clay-loamy Clayey Moderately deep		Principal Profile Form:	Gn3.15
ASC Confidence:		Great Soil Group:	No suitable

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, 0.26-0.5m, Mid-dense. *Species includes - Bothriochloa pertusa
Mid Strata - Tree, 6.01-12m, Mid-dense. *Species includes - Eucalyptus crebra, Eucalyptus erythrophloia
Tall Strata - Tree, 12.01-20m, Sparse. *Species includes - Eucalyptus crebra, Eucalyptus erythrophloia

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A1	0 - 0.06 m	Dark brown (7.5YR3/2-Moist); ; Clay loam; Moderate grade of structure, 5-10 mm, Subangular blocky; Earthy fabric; Dry; Very firm consistence; , Calcareous, , , , Gypseous, , , Field pH 6 (Raupach, 0.05); Clear, Smooth change to -
B1	0.06 - 0.18 m	Dark reddish brown (5YR3/4-Moist); ; Clay loam, sandy; Moderate grade of structure, 50-100 mm, Angular blocky; Smooth-ped fabric; Moderately moist; Strong consistence; , Calcareous, , , , Gypseous, , , Gradual, Smooth change to -
B21	0.18 - 0.35 m	Red (2.5YR4/6-Moist); ; Medium clay; Strong grade of structure, 50-100 mm, Angular blocky; Smooth-ped fabric; Moderately moist; Strong consistence; , Calcareous, , , , Gypseous, , , Field pH 7 (Raupach, 0.3); Gradual, Smooth change to -
B/C	0.35 - 0.55 m	Red (2.5YR5/6-Moist); ; Sandy light medium clay; Moderate grade of structure, 50-100 mm, Angular blocky; Smooth-ped fabric; Moderately moist; Strong consistence; , Calcareous, , , , Gypseous, , , Clear, Smooth change to -
C	0.55 - 0.6 m	; Moderate grade of structure; Smooth-ped fabric; Moderately moist; Strong consistence; , Calcareous, , , , Gypseous, , , Field pH 8 (Raupach, 0.6);

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

4A1 pH of 1:5 soil/water suspension