

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 604 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	M.G. Cannon	Locality:	
Date Desc.:	24/05/91	Elevation:	No Data
Map Ref.:	Sheet No. : 8159-2 GPS	Rainfall:	No Data
Northing/Long.:	7843892 AMG zone: 55	Runoff:	Slow
Easting/Lat.:	424647 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:	Mid-slope	Relief:	No Data
Elem. Type:	Summit surface	Slope Category:	Very gently sloped
Slope:	2 %	Aspect:	60 degrees

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:	Mapping Unit:	N/A
Haplic Eutrophic Red Chromosol Thin Non-gravelly Loamy Clayey Moderately deep	Principal Profile Form:	Dr2.12
ASC Confidence:	Great Soil Group:	Non-calcic brown soil
No analytical data are available but confidence is fair.		

Site Disturbance: Extensive clearing, for example poisoning, ringbarking

Vegetation: Low Strata - , , . *Species includes - Heteropogon contortus, Bothriochloa species, Dichanthium species
Mid Strata - Tree, 3.01-6m, Sparse. *Species includes - Eucalyptus erythrophloia
Tall Strata - Tree, 6.01-12m, Sparse. *Species includes - Eucalyptus crebra, Eucalyptus erythrophloia

Surface Coarse Fragments:

Profile Morphology

A1	0 - 0.08 m	Dark reddish brown (2.5YR3/4-Moist); ; Coarse sandy loam (Heavy); Weak grade of structure, 2-5 mm, Granular; Earthy fabric; Moderately moist; Very weak consistence; , Calcareous, , ; , Gypseous, , ; Common, fine (1-2mm) roots; Clear change to -
AB	0.08 - 0.22 m	Dusky red (10R3/4-Moist); ; Sandy clay loam (Heavy); Weak grade of structure, 20-50 mm, Subangular blocky; Earthy fabric; Moderately moist; Weak consistence; , Calcareous, , ; , Gypseous, , ; Few, fine (1-2mm) roots; Clear change to -
B2	0.22 - 0.75 m	Red (10R4/6-Moist); ; Medium clay; Strong grade of structure, 50-100 mm, Prismatic; Moderate grade of structure, 10-20 mm, Subangular blocky; Smooth-ped fabric; Moderately moist; Very firm consistence; 2-10%, coarse gravelly, 20-60mm, angular, dispersed, Granite, coarse fragments; , Calcareous, , ; , Gypseous, , ; Field pH 7 (Raupach, 0.7); Few, fine (1-2mm) roots; Sharp change to -
C	0.75 - 1.05 m	; Sandy clay loam; Earthy fabric; Moderately moist; Weak consistence; 50-90%, coarse gravelly, 20-60mm, subangular, dispersed, Granite, coarse fragments; , Calcareous, , ; ,

Morphological Notes

Observation Notes

Site Notes

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Laboratory Test Results:

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Laboratory Analyses Completed for this profile

4A1 pH of 1:5 soil/water suspension