

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 2325 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	M.G. Cannon	Locality:	
Date Desc.:	13/05/94	Elevation:	No Data
Map Ref.:	Sheet No. : 8060 GPS	Rainfall:	No Data
Northing/Long.:	7945347 AMG zone: 55	Runoff:	No Data
Easting/Lat.:	345060 Datum: AGD66	Drainage:	No Data

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:	Upper-slope	Relief:	No Data
Elem. Type:	Fan	Slope Category:	Gently inclined
Slope:	5 %	Aspect:	No Data

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:	Mapping Unit:	N/A
Haplic Eutrophic Red Dermosol Medium Gravelly Clay-loamy Clayey	Principal Profile Form:	Gn3.12
ASC Confidence:	Great Soil Group:	Red earth

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, Sparse. *Species includes - Unknown species, Aristida species
Mid Strata - Tree, 6.01-12m, Isolated plants. *Species includes - Eucalyptus crebra, Eucalyptus citriodora,
Eucalyptus polycarpa

Tall Strata - Tree, 12.01-20m, Mid-dense. *Species includes - Eucalyptus crebra, Eucalyptus citriodora

Surface Coarse Fragments: 2-10%, coarse gravelly, 20-60mm, rounded, Ferricrete

Profile Morphology

A	0 - 0.1 m	Dusky red (2.5YR3/2-Moist); ; Sandy clay loam; Moderate grade of structure, 2-5 mm, Granular; Earthy fabric; Dry; Weak consistence; , Calcareous, , , , Gypseous, , , Field pH 6.5 (Raupach, 0.05);
B1	0.1 - 0.3 m	Dark reddish brown (2.5YR3/4-Moist); ; Clay loam, sandy; Moderate grade of structure, 10-20 mm, Subangular blocky; Earthy fabric; Dry; Weak consistence; , Calcareous, , , , Gypseous, , , Field pH 6.5 (Raupach, 0.2);
B21	0.3 - 0.5 m	Dark red (2.5YR3/6-Moist); ; Light clay; Moderate grade of structure, 10-20 mm, Subangular blocky; Smooth-ped fabric; Dry; Firm consistence; Few (2 - 10 %), Argillaceous, Coarse (6 - 20 mm), Nodules; , Calcareous, , , , Gypseous, , , Field pH 7 (Raupach, 0.4);
B22	0.5 - 0.6 m	Dark red (10R3/6-Moist); ; Light clay; Moderate grade of structure, 10-20 mm, Subangular blocky; Smooth-ped fabric; Dry; Firm consistence; Few (2 - 10 %), Argillaceous, Coarse (6 - 20 mm), Nodules; , Calcareous, , , , Gypseous, , , Field pH 7 (Raupach, 0.6);

Morphological Notes

Observation Notes

Site Notes

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Laboratory Test Results:

Depth	pH	1:5 EC	Exchangeable Cations		Exchangeable Acidity		CEC	ECEC	ESP
m		dS/m	Ca	Mg	K	Na			
						Cmol (+)/kg			%

Depth	CaCO3	Organic C	Avail. P	Total P	Total N	Total K	Bulk Density	Particle Size	Analysis
m	%	%	mg/kg	%	%	%	Mg/m3	GV CS FS	Silt Clay
								%	

Depth	COLE	Gravimetric/Volumetric Water Contents						K sat	K unsat
		Sat.	0.05 Bar	0.1 Bar	0.5 Bar	1 Bar	5 Bar	15 Bar	
m					g/g - m3/m3				mm/h mm/h

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Laboratory Analyses Completed for this profile