

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 2213 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	Barry, Earl	Locality:	
Date Desc.:	21/10/93	Elevation:	No Data
Map Ref.:	Sheet No. : 7959 GPS	Rainfall:	No Data
Northing/Long.:	7887633 AMG zone: 55	Runoff:	Rapid
Easting/Lat.:	299876 Datum: AGD66	Drainage:	Well drained

Geology

ExposureType:	No Data	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	No Data	Substrate Material:	No Data

Land Form

Rel/Slope Class:	Rolling rises 9-30m 10-32%	Pattern Type:	Rises
Morph. Type:	Mid-slope	Relief:	No Data
Elem. Type:	Hillslope	Slope Category:	Moderately inclined
Slope:	11 %	Aspect:	No Data

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:	Mapping Unit:	N/A
Mottled Eutrophic Red Dermosol Medium Very gravelly Clay-loamy Clayey Moderately deep	Principal Profile Form:	Gn3.11
ASC Confidence:	Great Soil Group:	No suitable

Analytical data are incomplete but reasonable confidence.

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

Vegetation: Low Strata - Tussock grass, 0.26-0.5m, Very sparse. *Species includes - Themeda triandra
Mid Strata - , , . *Species includes - None recorded
Tall Strata - Tree, 6.01-12m, Sparse. *Species includes - Eucalyptus melanophloia, Eucalyptus crebra

Surface Coarse Fragments: 50-90%, coarse gravelly, 20-60mm, angular, Jasper

Profile Morphology

A1	0 - 0.1 m	Brown (7.5YR4/3-Moist); ; Clay loam; Massive grade of structure; Earthy fabric; Dry; Weak consistence; 20-50%, coarse gravelly, 20-60mm, angular, Jasper, coarse fragments; , Calcareous, , , , Gypseous, , , ; Field pH 6.5 (Raupach, 0.05); Clear change to -
B1	0.1 - 0.25 m	Reddish brown (5YR5/4-Moist); Mottles, 2.5YR48, 10-20% , 5-15mm, Prominent; Mottles, 10-20% ; Light clay; Strong grade of structure, 2-5 mm, Polyhedral; Smooth-ped fabric; Dry; Firm consistence; 2-10%, coarse gravelly, 20-60mm, angular, Jasper, coarse fragments; , Calcareous, , , , Gypseous, , , ; Field pH 6 (Raupach, 0.2); Clear change to -
B21	0.25 - 0.55 m	Red (2.5YR4/8-Moist); Mottles, 7.5YR64, 10-20% , 5-15mm, Prominent; Mottles, 10-20% ; Light medium clay; Strong grade of structure, <2 mm, Polyhedral; Smooth-ped fabric; Dry; Firm consistence; , Calcareous, , , , Gypseous, , , ; Field pH 6 (Raupach, 0.5); Gradual change to -
B22	0.55 - 0.7 m	Red (10R4/8-Moist); Mottles, 7.5YR54, 2-10% , 5-15mm, Prominent; Mottles, 2-10% ; Light medium clay; Moderate grade of structure, 5-10 mm, Subangular blocky; Smooth-ped fabric; Dry; Strong consistence; , Calcareous, , , , Gypseous, , , ; Field pH 6 (Raupach, 0.7);

Morphological Notes

Observation Notes

Site Notes

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrypmle Shire, QLD
Project Code: DLR Site ID: 2213 Observation ID: 1
Agency Name: QLD Department of Primary Industries

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

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrypmle Shire, QLD
Project Code: DLR Site ID: 2213 Observation ID: 1
Agency Name: QLD Department of Primary Industries

Laboratory Analyses Completed for this profile