

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 2412 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	Rogers, Gary	Locality:	
Date Desc.:	11/05/94	Elevation:	No Data
Map Ref.:	Sheet No. : 8060 GPS	Rainfall:	No Data
Northing/Long.:	7919651 AMG zone: 55	Runoff:	Slow
Easting/Lat.:	358184 Datum: AGD66	Drainage:	Moderately well drained

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:	Gently undulating plains <9m 1-3%	Pattern Type:	Alluvial plain
Morph. Type:	Flat	Relief:	No Data
Elem. Type:	Plain	Slope Category:	Very gently sloped
Slope:	1 %	Aspect:	No Data

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Haplic Eutrophic Brown Chromosol Thick Non-gravelly Clay-loamy Clayey Deep		Principal Profile Form:	Db1.12
ASC Confidence:	No analytical data are available but confidence is fair.	Great Soil Group:	Brown podzolic soil

Site Disturbance: Limited clearing, for example selective logging

Vegetation: Low Strata - Tussock grass, 0.51-1m, Sparse. *Species includes - Bothriochloa decipiens, Eragrostis species
Mid Strata - , , . *Species includes - None recorded
Tall Strata - Tree, 12.01-20m, Mid-dense. *Species includes - Eucalyptus crebra, Eucalyptus platyphylla,
Eucalyptus papuana

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A11	0 - 0.1 m	Dark brown (10YR3/3-Moist); ; Fine sandy clay loam; Massive grade of structure; Earthy fabric; Dry; , Calcareous, , , , Gypseous, , , Field pH 6.5 (Raupach, 0.05); Gradual change to -
A12	0.1 - 0.35 m	Dark brown (7.5YR3/2-Moist); ; Fine sandy clay loam (Heavy); Massive grade of structure; Earthy fabric; Dry; , Calcareous, , , , Gypseous, , , Field pH 6.5 (Raupach, 0.2); Clear change to -
B21	0.35 - 0.55 m	Dark yellowish brown (10YR4/4-Moist); ; Medium clay; Moderate grade of structure, 20-50 mm, Subangular blocky; Smooth-ped fabric; Dry; , Calcareous, , , , Gypseous, , , Field pH 6 (Raupach, 0.4); Gradual change to -
B22	0.55 - 0.9 m	Dark yellowish brown (10YR3/6-Moist); ; Coarse sandy light clay (Light); Moderate grade of structure, 20-50 mm, Subangular blocky; Smooth-ped fabric; Dry; 10-20%, fine gravelly, 2-6mm, angular, Quartz, coarse fragments; , Calcareous, , , , Gypseous, , , Field pH 6.5 (Raupach, 0.9); Gradual change to -
B23	0.9 - 1.4 m	Dark yellowish brown (10YR3/4-Moist); ; Clay loam, coarse sandy; Dry; , Calcareous, , , , Gypseous, , , Field pH 7.5 (Raupach, 1.3);

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

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Laboratory Analyses Completed for this profile