

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 2403 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	Rogers, Gary	Locality:	
Date Desc.:	10/05/94	Elevation:	No Data
Map Ref.:	Sheet No. : 8060 GPS	Rainfall:	No Data
Northing/Long.:	7911108 AMG zone: 55	Runoff:	Very slow
Easting/Lat.:	362726 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:	Level plain <9m <1%	Pattern Type:	Alluvial plain
Morph. Type:	Flat	Relief:	No Data
Elem. Type:	Plain	Slope Category:	Level
Slope:	1 %	Aspect:	No Data

Surface Soil Condition (dry): Firm

Erosion:

Soil Classification

Australian Soil Classification:	Mapping Unit:	N/A
Haplic Mesotrophic Brown Chromosol Medium Non-gravelly Clay-loamy Clayey Moderately deep	Principal Profile Form:	Db3.12
ASC Confidence:	Great Soil Group:	Brown podzolic soil

No analytical data are available but confidence is fair.

Site Disturbance: Limited clearing, for example selective logging

Vegetation: Low Strata - Tussock grass, 0.51-1m, Mid-dense. *Species includes - Bothriochloa decipiens, Heteropogon contortus

Mid Strata - Tree, 1.01-3m, Very sparse. *Species includes - Eucalyptus platyphylla

Tall Strata - Tree, 6.01-12m, Sparse. *Species includes - Eucalyptus platyphylla, Eucalyptus tessellaris,

Eucalyptus crebra

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A11	0 - 0.1 m	Very dark greyish brown (10YR3/2-Moist); ; Sandy clay loam; Massive grade of structure; Earthy fabric; Dry; ; Calcareous, ; ; Gypseous, ; ; Field pH 6 (Raupach, 0.05); Clear change to -
A12	0.1 - 0.25 m	Brown (7.5YR4/3-Moist); ; Sandy clay loam (Light); Massive grade of structure; Earthy fabric; Dry; ; Calcareous, ; ; Gypseous, ; ; Field pH 6 (Raupach, 0.15); Abrupt change to -
B21	0.25 - 0.5 m	Dark yellowish brown (10YR4/4-Moist); ; Fine sandy light medium clay; Strong grade of structure, 20-50 mm, Prismatic; Moderate grade of structure, 20-50 mm, Subangular blocky; Smooth-ped fabric; Moderately moist; ; Calcareous, ; ; Gypseous, ; ; Field pH 6 (Raupach, 0.4); Gradual change to -
B22	0.5 - 0.95 m	Brown (10YR4/3-Moist); ; Fine sandy light medium clay; Strong grade of structure, 20-50 mm, Prismatic; Moderate grade of structure, 10-20 mm, Lenticular; Smooth-ped fabric; Moderately moist; ; Calcareous, ; ; Gypseous, ; ; Field pH 7.5 (Raupach, 0.7);

Morphological Notes

Observation Notes

Site Notes

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Laboratory Test Results:

Depth	pH	1:5 EC	Exchangeable Cations			Exchangeable		CEC	ECEC		ESP	
m		dS/m	Ca	Mg	K	Na	Acidity					%
						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	
m		Sat.	0.05 Bar	0.1 Bar	0.5 Bar	1 Bar	5 Bar	15 Bar		
					g/g -	m3/m3			mm/h	mm/h

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Laboratory Analyses Completed for this profile