

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 1917 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	Rogers, Gary	Locality:	
Date Desc.:	26/05/93	Elevation:	No Data
Map Ref.:	Sheet No. : 8255 GPS	Rainfall:	No Data
Northing/Long.:	7653782 AMG zone: 55	Runoff:	Rapid
Easting/Lat.:	472271 Datum: AGD66	Drainage:	Imperfectly drained

Geology

ExposureType:	No Data	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	No Data	Substrate Material:	Undisturbed soil core, No Data

Land Form

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

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Bleached-Mottled Eutrophic Brown Dermosol Thick Non-gravelly Clay-loamy Clayey Moderately deep		Principal Profile Form:	N/A
ASC Confidence:		Great Soil Group:	Grey earth
No analytical data are available but confidence is fair.			

Site Disturbance: Extensive clearing, for example poisoning, ringbarking

Vegetation: Low Strata - Tussock grass, 0.26-0.5m, Very sparse. *Species includes - Chrysopogon fallax, Heteropogon contortus,
Aristida species Mid Strata - Tree, 1.01-3m, Sparse. *Species includes - Petalostigma pubescens, Erythroxylon australe, Acacia species

Tall Strata - Tree, 6.01-12m, Sparse. *Species includes - Eucalyptus crebra, Eucalyptus polycarpa

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A11	0 - 0.07 m	Very dark greyish brown (10YR3/2-Moist); ; Sandy clay loam (Heavy); Dry; Firm consistence; 0-2%, fine gravelly, 2-6mm, subrounded, Quartz, coarse fragments; , Calcareous, , , , Gypseous, , ; Field pH 6.5 (Raupach, 0.04); Clear change to -
A2j	0.07 - 0.25 m	Yellowish brown (10YR5/4-Moist); Mottles, 10YR56, 0-2% , 0-5mm, Faint; Mottles, 0-2% ; Sandy clay loam; Massive grade of structure; Earthy fabric; Dry; Very firm consistence; , Calcareous, , , , Gypseous, , , ; Field pH 6 (Raupach, 0.2); Clear change to -
A22e	0.25 - 0.4 m	Light yellowish brown (10YR6/4-Moist); ; Sandy clay loam; Massive grade of structure; Earthy fabric; Dry; Very firm consistence; , Calcareous, , , , Gypseous, , , ; Field pH 6 (Raupach, 0.35); Clear change to -
B2	0.4 - 0.55 m	Brown (10YR5/3-Moist); Mottles, 7.5YR56, 2-10% , 0-5mm, Distinct; Mottles, 2-10% ; Sandy light clay; Moderate grade of structure, 10-20 mm, Subangular blocky; Dry; Very firm consistence; Few (2 - 10 %), Manganiferous, Fine (0 - 2 mm), Soft segregations; , Calcareous, , , , Gypseous, , , ; Field pH 6.5 (Raupach, 0.5);

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 Cmol (+)/kg	Acidity			%
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Laboratory Analyses Completed for this profile