

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 1275 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	Rogers, Gary	Locality:	
Date Desc.:	21/07/92	Elevation:	380 metres
Map Ref.:	Sheet No. : 8059 GPS	Rainfall:	No Data
Northing/Long.:	7868936 AMG zone: 55	Runoff:	Moderately rapid
Easting/Lat.:	344403 Datum: AGD66	Drainage:	Imperfectly drained

Geology

Exposure Type:	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:	Undulating rises 9-30m 3-10%	Pattern Type:	No Data
Morph. Type:	Ridge	Relief:	No Data
Elem. Type:	No Data	Slope Category:	Level
Slope:	1 %	Aspect:	No Data

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Haplic Eutrophic Red Kandosol Medium Non-gravelly Clay-loamy Clay-loamy Moderately deep		Principal Profile Form:	Um4.23

ASC Confidence:		Great Soil Group:	Lithosol
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 - Bothriochloa decipiens, Aristida species, Chrysopogon fallax Mid Strata - Tree, 1.01-3m, Sparse. *Species includes - Eucalyptus melanophloia

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

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A11	0 - 0.08 m	Dark brown (7.5YR3/4-Moist); ; Fine sandy clay loam; Massive grade of structure; Sandy (grains prominent) fabric; 2-10%, fine gravelly, 2-6mm, angular, Substrate material, coarse fragments; , Calcareous, , , , Gypseous, , , ; Field pH 6.5 (Raupach, 0.03); Clear change to -
A12	0.08 - 0.2 m	Brown (7.5YR4/4-Moist); ; Clay loam; Massive grade of structure; Earthy fabric; 2-10%, fine gravelly, 2-6mm, angular, Substrate material, coarse fragments; , Calcareous, , , , Gypseous, , , ; Field pH 6 (Raupach, 0.15); Abrupt change to -
B3	0.2 - 0.65 m	Yellowish red (5YR5/6-Moist); ; Clay loam; Massive grade of structure; Earthy fabric; 50-90%, medium gravelly, 6-20mm, angular, Substrate material, coarse fragments; , Calcareous, , , , Gypseous, , , ; Field pH 6.5 (Raupach, 0.4); Clear change to -
C	0.65 - 0.9 m	; Massive grade of structure; 50-90%, medium gravelly, 6-20mm, angular, Substrate material, coarse fragments; , Calcareous, , , , Gypseous, , , ; Field pH 7 (Raupach, 0.8);

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				%
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