

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 1295 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	Rogers, Gary	Locality:	
Date Desc.:	23/07/92	Elevation:	380 metres
Map Ref.:	Sheet No. : 8059 GPS	Rainfall:	No Data
Northing/Long.:	7883050 AMG zone: 55	Runoff:	Moderately rapid
Easting/Lat.:	344578 Datum: AGD66	Drainage:	Moderately well 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:	Undulating rises 9-30m 3-10%	Pattern Type:	No Data
Morph. Type:	Simple-slope	Relief:	No Data
Elem. Type:	No Data	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
Haplic Eutrophic Red Kandosol Medium Non-gravelly Clay-loamy Clayey Moderately deep		Principal Profile Form:	Dr2.22
ASC Confidence:	No analytical data are available but confidence is fair.	Great Soil Group:	Non-calcic brown soil

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, Heteropogon contortus,

Cyperus speciesMid Strata - , , . *Species includes - None recorded

Tall Strata - Tree, 3.01-6m, Sparse. *Species includes - Eucalyptus shirleyi, Eucalyptus papuana, Eucalyptus crebra

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A1	0 - 0.1 m	Dark brown (10YR3/3-Moist); ; Sandy clay loam; Massive grade of structure; Earthy fabric; , Calcareous, , , , Gypseous, , , ; Field pH 6.5 (Raupach, 0.05); Clear change to -
A12	0.1 - 0.2 m	Brown (10YR4/3-Moist); ; Clay loam, fine sandy; Massive grade of structure; Earthy fabric; , Calcareous, , , , Gypseous, , , ; Field pH 6 (Raupach, 0.15); Abrupt change to -
B21	0.2 - 0.5 m	Dark reddish brown (5YR3/4-Moist); ; Medium clay; Weak grade of structure, 20-50 mm, Subangular blocky; Smooth-ped fabric; , Calcareous, , , , Gypseous, , , ; Field pH 7 (Raupach, 0.3); Clear change to -
R/C	0.5 - 0.7 m	Dark reddish grey (5YR4/2-Moist); ; Clayey sand; Weak grade of structure, 2-5 mm, Polyhedral; Smooth-ped fabric; , Calcareous, , , , Gypseous, , , ; Field pH 8 (Raupach, 0.6);

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 GV	CS	Size FS	Analysis Silt	Clay
m	%	%	mg/kg	%	%	%	Mg/m3			%		
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