

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 1541 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	Rogers, Gary	Locality:	
Date Desc.:	27/10/92	Elevation:	No Data
Map Ref.:	Sheet No. : 8056 GPS	Rainfall:	No Data
Northing/Long.:	7680498 AMG zone: 55	Runoff:	Moderately rapid
Easting/Lat.:	381411 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:	Level plain <9m <1%	Pattern Type:	Plain
Morph. Type:	Flat	Relief:	No Data
Elem. Type:	Plain	Slope Category:	Level
Slope:	1 %	Aspect:	No Data

Surface Soil Condition (dry): Hardsetting, Surface crust

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Haplic Eutrophic Brown Kandosol Thin Non-gravelly Clayey Clayey Shallow		Principal Profile Form:	Uf4.42

ASC Confidence:		Great Soil Group:	N/A
No analytical data and little or no knowledge of this soil.			

Site Disturbance: No effective disturbance other than grazing by hoofed animals

Vegetation: Low Strata - Tussock grass, <0.25m, Isolated plants. *Species includes - Aristida species
Mid Strata - , , . *Species includes - None recorded
Tall Strata - Tree, 6.01-12m, Mid-dense. *Species includes - Acacia argyrodendron

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A1	0 - 0.01 m	Dark yellowish brown (10YR3/4-Moist); ; Light clay; Massive grade of structure; Dry; Firm consistence; , Calcareous, , , , Gypseous, , , ; Field pH 6.5 (Raupach, 0.01); Clear change to -
A2	0.01 - 0.08 m	Olive brown (2.5Y4/4-Moist); ; Light clay; Massive grade of structure; Dry; Very firm consistence; , Calcareous, , , , Gypseous, , , ; Field pH 5.5 (Raupach, 0.07); Clear change to -
B2	0.08 - 0.3 m	Dark yellowish brown (10YR4/6-Moist); ; Light medium clay; Weak grade of structure, <2 mm, Polyhedral; Dry; Very firm consistence; , Calcareous, , , , Gypseous, , , ; Field pH 5.5 (Raupach, 0.25);

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	Size CS	Analysis FS	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