

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 1527 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	Rogers, Gary	Locality:	
Date Desc.:	14/10/92	Elevation:	No Data
Map Ref.:	Sheet No. : 8056 GPS	Rainfall:	No Data
Northing/Long.:	7686188 AMG zone: 55	Runoff:	Very slow
Easting/Lat.:	365393 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:	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

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Reticulate Eutrophic Brown Kandosol Thick Non-gravelly Clay-loamy Clayey Moderately deep		Principal Profile Form:	Gn2.24
ASC Confidence:	No analytical data are available but confidence is fair.	Great Soil Group:	Yellow earth

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

Vegetation: Low Strata - Tussock grass, 0.26-0.5m, Sparse. *Species includes - Aristida species, Bothriochloa species
Mid Strata - Tree, 1.01-3m, Sparse. *Species includes - Acacia species
Tall Strata - Tree, 6.01-12m, Mid-dense. *Species includes - Eucalyptus crebra, Eucalyptus papuana

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A11	0 - 0.12 m	Brown (10YR4/3-Moist); ; Sandy clay loam; Weak grade of structure, 10-20 mm, Platy; Rough-ped fabric; Dry; , Calcareous, , , , Gypseous, , ; Field pH 6 (Raupach, 0.05); Abrupt change to -
A12	0.12 - 0.33 m	Yellowish brown (10YR5/4-Moist); ; Clay loam, sandy (Light); Massive grade of structure; Earthy fabric; Dry; , Calcareous, , , , Gypseous, , ; Field pH 6 (Raupach, 0.2); Clear change to -
B1	0.33 - 0.5 m	Brownish yellow (10YR6/6-Moist); ; Clay loam, sandy; Massive grade of structure; Earthy fabric; Dry; , Calcareous, , , , Gypseous, , ; Field pH 6 (Raupach, 0.4); Clear change to -
B2	0.5 - 0.7 m	Yellowish brown (10YR5/8-Moist); ; Sandy light clay; Massive grade of structure; Earthy fabric; Dry; , Calcareous, , , , Gypseous, , ; Field pH 6.5 (Raupach, 0.65);

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