

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 2028 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	Bright, J (Mitch)	Locality:	
Date Desc.:	11/06/93	Elevation:	No Data
Map Ref.:	Sheet No. : 8255 GPS	Rainfall:	No Data
Northing/Long.:	7642322 AMG zone: 55	Runoff:	Moderately rapid
Easting/Lat.:	451196 Datum: AGD66	Drainage:	Imperfectly drained

Geology

ExposureType:	No Data	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	No Data	Substrate Material:	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
Sodic Eutrophic Brown Dermosol Medium Non-gravelly Clay-loamy Clayey Deep	Principal Profile Form:	Gn4
ASC Confidence:	Great Soil Group:	Yellow earth

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, 0.51-1m, Very sparse. *Species includes - Aristida species, Bothriochloa decipiens
Mid Strata - , , . *Species includes - None recorded
Tall Strata - Tree, 12.01-20m, Sparse. *Species includes - Eucalyptus brownii, Eucalyptus polycarpa

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A11	0 - 0.12 m	Dark brown (10YR3/3-Moist); ; Sandy clay loam (Light); Massive grade of structure; Earthy fabric; Dry; Weak consistence; , Calcareous, , , , Gypseous, , ; Field pH 7 (Raupach, 0.05); Clear change to -
A12	0.12 - 0.32 m	Dark yellowish brown (10YR4/4-Moist); ; Sandy clay loam (Light); Massive grade of structure; Earthy fabric; Dry; Very weak consistence; , Calcareous, , , , Gypseous, , ; Field pH 7 (Raupach, 0.3); Gradual change to -
A13	0.32 - 0.7 m	Brownish yellow (10YR6/6-Moist); ; Sandy clay loam; Weak grade of structure, Polyhedral; Rough-ped fabric; Dry; Weak consistence; , Calcareous, , , , Gypseous, , ; Field pH 6 (Raupach, 0.6); Diffuse change to -
A14	0.7 - 0.9 m	Brownish yellow (10YR6/6-Moist); ; Clay loam, sandy; Weak grade of structure, Polyhedral; Rough-ped fabric; Dry; Firm consistence; , Calcareous, , , , Gypseous, , ; Field pH 5.5 (Raupach, 0.8); Gradual change to -
A2e	0.9 - 1 m	Brownish yellow (10YR6/6-Moist); ; Clay loam, sandy; Weak grade of structure, Polyhedral; Rough-ped fabric; Dry; Firm consistence; , Calcareous, , , , Gypseous, , ; Field pH 5.5 (Raupach, 0.95); Clear change to -
B2	1 - 1.2 m	Brownish yellow (10YR6/6-Moist); ; Light clay; Moderate grade of structure, 10-20 mm, Polyhedral; Rough-ped fabric; Dry; , Calcareous, , , , Gypseous, , ; Field pH 6 (Raupach, 1.1);

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