Project Name: **Preliminary Assessment and Survey of Land Degradation in the Dalrypmle Shire, QLD**
Project Code: **DLR** **Site ID:** **2025** **Observation ID:** **1**
Agency Name: **QLD Department of Primary Industries**

Site Information

Desc. By:	Barry, Earl	**Locality:**	
Date Desc.:	11/06/93	**Elevation:**	320 metres
Map Ref.:	Sheet No. : 8255 GPS	**Rainfall:**	No Data
Northing/Long.:	7636792 AMG zone: 55	**Runoff:**	Rapid
Easting/Lat.:	452768 Datum: AGD66	**Drainage:**	Well drained

Geology

ExposureType:	No Data	**Conf. Sub. is Parent. Mat.:**	No Data
Geol. Ref.:	No Data	**Substrate Material:**	Undisturbed soil core, Sandstone

Land Form

Rel/Slope Class:	Undulating hills 90-300m 3-	**Pattern Type:**	Hills
Morph. Type:	Crest	**Relief:**	No Data
Elem. Type:	Hillcrest	**Slope Category:**	Very gently sloped
Slope:	1 %	**Aspect:**	No Data

Surface Soil Condition (dry): Hardsetting, Surface crust

Erosion:

Soil Classification

Australian Soil Classification:
Sodic Eutrophic Black Chromosol Thin Gravelly Clay-loamy Clayey Shallow

Mapping Unit: N/A
Principal Profile Form: Db1.13

ASC Confidence:
No analytical data are available but confidence is fair.

Great Soil Group: No suitable group

Site Disturbance: Limited clearing, for example selective logging

Vegetation: Low Strata - Tussock grass, 0.26-0.5m, Very sparse. *Species includes - Bothriochloa insculpta, Bothriochloa ewartiana

Mid Strata - Tree, 1.01-3m, Sparse. *Species includes - Eucalyptus crebra, Eremophila mitchellii, Lysiphillum carronii

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

Surface Coarse Fragments: 10-20%, medium gravelly, 6-20mm, angular, Sandstone

Profile Morphology

A1	0 - 0.08 m	Strong brown (7.5YR4/6-Moist); ; Sandy clay loam; Massive grade of structure; Dry; Firm consistence; 10-20%, coarse gravelly, 20-60mm, angular platy, Sandstone, coarse fragments; , Calcareous, , ; , Gypseous, , ; Field pH 6.5 (Raupach, 0.05); Clear change to -
B2	0.08 - 0.27 m	Dark brown (10YR3/3-Moist); ; Medium clay; Moderate grade of structure, 10-20 mm, Polyhedral; Smooth-ped fabric; Dry; Very strong consistence; 20-50%, cobbly, 60-200mm, angular platy, Sandstone, coarse fragments; , Calcareous, , ; , Gypseous, , ; Field pH 9 (Raupach, 0.25); Gradual change to -
C	0.27 - 0.37 m	; , Calcareous, , ; , Gypseous, , ;

Morphological Notes

Observation Notes

Site Notes

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Laboratory Test Results:

Depth	pH	1:5 EC	Exchangeable Cations				Exchangeable Acidity	CEC	ECEC	ESP
			Ca	Mg	K	Na				
m		dS/m	Cmol (+)/kg							%

Depth	CaCO3	Organic C	Avail. P	Total P	Total N	Total K	Bulk Density	Particle Size Analysis				
								GV	CS	FS	Silt	Clay
m	%	%	mg/kg	%	%	%	Mg/m3			%		

Depth	COLE	Gravimetric/Volumetric Water Contents						K sat	K unsat
		Sat.	0.05 Bar	0.1 Bar	0.5 Bar	1 Bar	5 Bar	15 Bar		
m		g/g - m3/m3							mm/h	mm/h

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Laboratory Analyses Completed for this profile