Project Name: **Preliminary Assessment and Survey of Land Degradation in the Dalrypmle Shire, QLD**
Project Code: **DLR** **Site ID:** **1859** **Observation ID:** **1**
Agency Name: **QLD Department of Primary Industries**

Site Information

Desc. By:	Barry, Earl	**Locality:**	
Date Desc.:	08/07/93	**Elevation:**	No Data
Map Ref.:	Sheet No. : 8155 GPS	**Rainfall:**	No Data
Northing/Long.:	7659800 AMG zone: 55	**Runoff:**	Moderately rapid
Easting/Lat.:	415938 Datum: AGD66	**Drainage:**	Moderately well 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, Cryptogam surface

Erosion:

Soil Classification

Australian Soil Classification:
Bleached Eutrophic Brown Chromosol

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

Mapping Unit: N/A
Principal Profile Form: Dy2.43
Great Soil Group: N/A

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

Vegetation: Low Strata - Hummock grass, 0.51-1m, Sparse. *Species includes - Triodia mitchelii, Aristida species, Eriachne species

Mid Strata - Tree, 3.01-6m, Very sparse. *Species includes - Hakea species, Eucalyptus melanophloia

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

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A11	0 - 0.1 m	Dark yellowish brown (10YR3/4-Moist); ; Sandy loam; Single grain grade of structure; Dry; Very weak consistence; , Calcareous, , ; , Gypseous, , ; Field pH 6 (Raupach, 0.05); Clear change to
A12	0.1 - 0.3 m	Dark yellowish brown (10YR4/4-Moist); ; Sandy loam; Single grain grade of structure; Dry; Very weak consistence; , Calcareous, , ; , Gypseous, , ; Field pH 6.5 (Raupach, 0.25); Clear change to -
A2e	0.3 - 0.4 m	Light brown (7.5YR6/4-Moist); ; Clayey sand (Heavy); Single grain grade of structure; Dry; Very weak consistence; , Calcareous, , ; , Gypseous, , ; Field pH 6.5 (Raupach, 0.35); Abrupt change to -
B21	0.4 - 0.6 m	Yellowish brown (10YR5/4-Moist); ; Sandy light clay; Dry; Firm consistence; , Calcareous, , ; , Gypseous, , ; Field pH 6.5 (Raupach, 0.45);
B22	0.6 - 0.7 m	Brownish yellow (10YR6/6-Moist); ; Sandy light clay; Dry; Very firm consistence; , Calcareous, , ; , Gypseous, , ; Field pH 8.5 (Raupach, 0.7);

Morphological Notes

Observation Notes

Site Notes

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Laboratory Test Results:

Depth	pH	1:5 EC	Exchangeable Cations				Exchangeable	CEC	ECEC	ESP
			Ca	Mg	K	Na	Acidity			
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