Project Name: **Preliminary Assessment and Survey of Land Degradation in the Dalrypmle Shire, QLD**
Project Code: **DLR** **Site ID:** **2208** **Observation ID:** **1**
Agency Name: **QLD Department of Primary Industries**

Site Information

Desc. By:	Barry, Earl	**Locality:**	
Date Desc.:	27/08/93	**Elevation:**	No Data
Map Ref.:	Sheet No. : 7859 GPS	**Rainfall:**	No Data
Northing/Long.:	7863114 AMG zone: 55	**Runoff:**	Slow
Easting/Lat.:	275559 Datum: AGD66	**Drainage:**	Rapidly 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:	Gently undulating plains <9m 1-3%	**Pattern Type:**	Plain
Morph. Type:	No Data	**Relief:**	No Data
Elem. Type:	Plain	**Slope Category:**	Very gently sloped
Slope:	2 %	**Aspect:**	No Data

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification: **Mapping Unit:** N/A
Haplic Eutrophic Red Kandosol Thick Non-gravelly Clay-loamy Clayey Moderately deep **Principal Profile Form:** Gn2.12

ASC Confidence: **Great Soil Group:** Red earth
No analytical data are available but confidence is fair.

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

Vegetation: Low Strata - Hummock grass, <0.25m, Isolated plants. *Species includes - Triodia mitchelii
Mid Strata - Tree, 3.01-6m, Closed or dense. *Species includes - None recorded
Tall Strata - Tree, 6.01-12m, Sparse. *Species includes - Lysiphillum carronii, Brachiaria species

Surface Coarse Fragments: 2-10%, medium gravelly, 6-20mm, subangular platy, Ironstone

Profile Morphology

A11	0 - 0.05 m	Dark reddish brown (2.5YR3/4-Moist); ; Clay loam, sandy; Massive grade of structure; Earthy fabric; Dry; Strong consistence; , Calcareous, , ; , Gypseous, , ;
A12	0.05 - 0.35 m	Dark reddish brown (2.5YR3/4-Moist); ; Sandy light clay; Massive grade of structure; Earthy fabric; Dry; Very firm consistence; Very few (0 - 2 %), Manganiferous, Fine (0 - 2 mm), Nodules; , Calcareous, , ; , Gypseous, , ; Field pH 6.5 (Raupach, 0.2); Field pH 8 (Raupach, 0.3);
B21	0.35 - 0.6 m	Dark red (2.5YR3/6-Moist); ; Light medium clay; Massive grade of structure; Earthy fabric; Dry; Very firm consistence; Very few (0 - 2 %), Manganiferous, Fine (0 - 2 mm), Nodules; , Calcareous, , ; , Gypseous, , ; Field pH 8 (Raupach, 0.5);
B22	0.6 - 0.98 m	Dark red (10R3/6-Moist); ; Light medium clay; Massive grade of structure; Earthy fabric; Dry; , Calcareous, , ; , Gypseous, , ; Field pH 7 (Raupach, 0.9);

Morphological Notes

Observation Notes

Site Notes

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrypmle Shire, QLD
Project Code: DLR **Site ID:** 2208 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

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