Project Name: **Preliminary Assessment and Survey of Land Degradation in the Dalrypmle Shire, QLD**
Project Code: **DLR** **Site ID:** **2022** **Observation ID:** **1**
Agency Name: **QLD Department of Primary Industries**

Site Information

Desc. By: Barry, Earl
Date Desc.: 10/06/93
Map Ref.: Sheet No. : 8255 GPS
Northing/Long.: 7637460 AMG zone: 55
Easting/Lat.: 474279 Datum: AGD66
Locality:
Elevation: 230 metres
Rainfall: No Data
Runoff: Moderately rapid
Drainage: Well drained

Geology

ExposureType: No Data
Geol. Ref.: No Data
Conf. Sub. is Parent. Mat.: No Data
Substrate Material: No Data

Land Form

Rel/Slope Class: Undulating hills 90-300m 3-
Morph. Type: Flat
Elem. Type: Plain
Slope: 1 %
Pattern Type: Hills
Relief: No Data
Slope Category: Level
Aspect: No Data

Surface Soil Condition (dry): Soft

Erosion:

Soil Classification

Australian Soil Classification:
Haplic Eutrophic Brown Kandosol Medium Non-gravelly Clay-loamy Clayey Moderately deep
Mapping Unit: N/A
Principal Profile Form: Gn2.42

ASC Confidence:
No analytical data are available but confidence is fair.
Great Soil Group: No suitable group

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

Vegetation: Low Strata - Tussock grass, <0.25m, Very sparse. *Species includes - Chloris species, Urochloa mosambicensis

Mid Strata - Shrub, 1.01-3m, Isolated plants. *Species includes - Cassia species, Erythroxylon australe

Tall Strata - Tree, 12.01-20m, Sparse. *Species includes - Eucalyptus brownii, Eucalyptus tessellaris

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A11	0 - 0.1 m	Dark yellowish brown (10YR4/4-Moist); ; Sandy clay loam; Massive grade of structure; Earthy fabric; Dry; Weak consistence; , Calcareous, , ; , Gypseous, , ; Field pH 6.5 (Raupach, 0.05); Clear change to -
A12	0.1 - 0.31 m	Yellowish brown (10YR5/4-Moist); ; Sandy clay loam (Heavy); Massive grade of structure; Earthy fabric; Dry; Firm consistence; , Calcareous, , ; , Gypseous, , ; Field pH 6.5 (Raupach, 0.2); Clear change to -
A13	0.31 - 0.6 m	Brown (7.5YR4/3-Moist); ; Clay loam, sandy; Massive grade of structure; Earthy fabric; Dry; Very firm consistence; , Calcareous, , ; , Gypseous, , ; Field pH 6.5 (Raupach, 0.4); Clear change to -
B21	0.6 - 0.85 m	Brown (7.5YR4/4-Moist); ; Fine sandy light clay; Massive grade of structure; Earthy fabric; Dry; Very firm consistence; , Calcareous, , ; , Gypseous, , ; Field pH 6.5 (Raupach, 0.7); Gradual change to -
B3	0.85 - 1.1 m	Strong brown (7.5YR4/6-Moist); ; Clay loam, sandy; 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
			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