Project Name: **Preliminary Assessment and Survey of Land Degradation in the Dalrypmle Shire, QLD**
Project Code: **DLR** **Site ID:** **1894** **Observation ID:** **1**
Agency Name: **QLD Department of Primary Industries**

Site Information

Desc. By: Rogers, Gary
Date Desc.: 21/09/93
Map Ref.: Sheet No. : 7858 GPS
Northing/Long.: 7834932 AMG zone: 55
Easting/Lat.: 267595 Datum: AGD66
Locality:
Elevation: No Data
Rainfall: No Data
Runoff: Moderately rapid
Drainage: Moderately well drained

Geology

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

Land Form

Rel/Slope Class: Gently undulating rises 9-30m 1-3%
Morph. Type: Crest
Elem. Type: Hillcrest
Slope: 2 %
Pattern Type: Rises
Relief: No Data
Slope Category: Very gently sloped
Aspect: No Data

Surface Soil Condition (dry): Hardsetting, Loose

Erosion:

Soil Classification

Australian Soil Classification:
Mottled Eutrophic Brown Chromosol
ASC Confidence:
No analytical data are available but confidence is fair.
Mapping Unit: N/A
Principal Profile Form: Dy2.11
Great Soil Group: No suitable group

Site Disturbance: Limited clearing, for example selective logging

Vegetation:

Low Strata - Tussock grass, 0.51-1m, Sparse. *Species includes - Aristida species, Themeda triandra
Mid Strata - Tree, 3.01-6m, Very sparse. *Species includes - Eucalyptus erythrophloia
Tall Strata - Tree, 6.01-12m, Sparse. *Species includes - Eucalyptus crebra, Eucalyptus papuana, Eucalyptus

Surface Coarse Fragments: 20-50%, fine gravelly, 2-6mm, angular, Quartz

Profile Morphology

A1	0 - 0.12 m	Dark brown (10YR3/3-Moist); ; Coarse sandy loam; Weak grade of structure, 10-20 mm, Subangular blocky; Dry; Firm consistence; 2-10%, fine gravelly, 2-6mm, subangular, coarse fragments; , Calcareous, , ; , Gypseous, , ; Field pH 6 (Raupach, 0.05); Clear change to -
B1	0.12 - 0.25 m	Brown (10YR4/3-Moist); ; Coarse sandy light clay (Light); Massive grade of structure; Dry; Firm consistence; 10-20%, cobbly, 60-200mm, subrounded, coarse fragments; , Calcareous, , ; , Gypseous, , ; Field pH 6 (Raupach, 0.2); Clear change to -
B21	0.25 - 0.5 m	Yellowish brown (10YR5/6-Moist); ; Sandy light clay; Moderate grade of structure, 2-5 mm, Polyhedral; Smooth-ped fabric; Dry; Firm consistence; 20-50%, fine gravelly, 2-6mm, subangular, coarse fragments; , Calcareous, , ; , Gypseous, , ; Field pH 6 (Raupach, 0.4); Gradual change to -
B22	0.5 - 0.7 m	Yellowish brown (10YR5/6-Moist); Mottles, 5YR58, 2-10% , 5-15mm, Distinct; Mottles, 2-10% ; Sandy light clay; Strong grade of structure, 2-5 mm, Polyhedral; Smooth-ped fabric; Dry; Firm consistence; 20-50%, fine gravelly, 2-6mm, subangular, coarse fragments; Very few (0 - 2 %), Ferruginous, Medium (2 -6 mm), Nodules; , Calcareous, , ; , Gypseous, , ; Field pH 6.5 (Raupach, 0.7);

Morphological Notes

Observation Notes

Site Notes

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Project Code: DLR **Site ID:** 1894 **Observation ID:** 1
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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