Project Name: **Preliminary Assessment and Survey of Land Degradation in the Dalrypmle Shire, QLD**
Project Code: **DLR** **Site ID:** **2414** **Observation ID:** **1**
Agency Name: **QLD Department of Primary Industries**

Site Information

Desc. By: Rogers, Gary
Date Desc.: 11/05/94
Map Ref.: Sheet No. : 8060 GPS
Northing/Long.: 7928827 AMG zone: 55
Easting/Lat.: 355415 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: No Data

Land Form

Rel/Slope Class: Rolling rises 9-30m 10-32%
Morph. Type: Simple-slope
Elem. Type: Hillslope
Slope: 7 %
Pattern Type: Rises
Relief: No Data
Slope Category: Moderately inclined
Aspect: No Data

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:
Haplic Eutrophic Brown Chromosol Medium Non-gravelly Clay-loamy Clayey Moderately deep
Mapping Unit: N/A
Principal Profile Form: Db1.12
ASC Confidence:
No analytical data are available but confidence is fair.
Great Soil Group: Non-calcic brown soil

Site Disturbance: Limited clearing, for example selective logging

Vegetation:

Low Strata - Tussock grass, 0.51-1m, Mid-dense. *Species includes - Heteropogon contortus, Bothriochloa decipiens

Mid Strata - Tree, 3.01-6m, Very sparse. *Species includes - Eucalyptus erythrophloia, Eucalyptus crebra, Grewia

Tall Strata - Tree, 12.01-20m, Mid-dense. *Species includes - Eucalyptus crebra, Eucalyptus erythrophloia, Eucalyptus tessellaris

Surface Coarse Fragments: 0-2%, coarse gravelly, 20-60mm, angular, Granodiorite

Profile Morphology

A11	0 - 0.05 m	Very dark greyish brown (10YR3/2-Moist); ; Fine sandy clay loam; Massive grade of structure; Earthy fabric; Dry; 10-20%, coarse gravelly, 20-60mm, angular, Granodiorite, coarse fragments; , Calcareous, , ; , Gypseous, , ; Field pH 6 (Raupach, 0.03); Abrupt change to -
A12	0.05 - 0.15 m	Dark brown (10YR3/3-Moist); ; Clay loam, fine sandy; Massive grade of structure; Earthy fabric; Dry; , Calcareous, , ; , Gypseous, , ; Field pH 6 (Raupach, 0.1); Clear change to -
B21	0.15 - 0.4 m	Brown (10YR4/3-Moist); ; Medium clay; Strong grade of structure, 20-50 mm, Prismatic; Smooth-ped fabric; Moderately moist; Very few (0 - 2 %), Manganiferous, Medium (2 -6 mm), Soft segregations; , Calcareous, , ; , Gypseous, , ; Field pH 6 (Raupach, 0.3); Clear change to -
B3	0.4 - 0.7 m	Yellowish brown (10YR5/6-Moist); ; Clay loam, sandy; Moderate grade of structure, 20-50 mm, Prismatic; Smooth-ped fabric; Moderately moist; , Calcareous, , ; , Gypseous, , ; Field pH 7 (Raupach, 0.6); Gradual change to -
BC	0.7 - 1.3 m	Olive brown (2.5Y4/4-Moist); ; Clay loam, sandy; Massive grade of structure; Earthy fabric; Dry; , Calcareous, , ; , Gypseous, , ; Field pH 7.5 (Raupach, 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