Project Name: **Preliminary Assessment and Survey of Land Degradation in the Dalrypmle Shire, QLD**
Project Code: **DLR** **Site ID:** **1618** **Observation ID:** **1**
Agency Name: **QLD Department of Primary Industries**

Site Information

Desc. By: Rogers, Gary
Date Desc.: 03/11/93
Map Ref.: Sheet No. : 7959 GPS
Northing/Long.: 7860616 AMG zone: 55
Easting/Lat.: 325330 Datum: AGD66
Locality:
Elevation: No Data
Rainfall: No Data
Runoff: 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, Shale

Land Form

Rel/Slope Class: Undulating rises 9-30m 3-10%
Morph. Type: Mid-slope
Elem. Type: Hillslope
Slope: 5 %
Pattern Type: Rises
Relief: No Data
Slope Category: Gently inclined
Aspect: No Data

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:
Haplic Eutrophic Red Dermosol Medium Very gravelly Clay-loamy Clayey Shallow
Mapping Unit: N/A
Principal Profile Form: Gn3.12

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, 0.26-0.5m, Sparse. *Species includes - Heteropogon contortus, Bothriochloa decipiens

Mid Strata - , , . *Species includes - None recorded

Tall Strata - Tree, 12.01-20m, Sparse. *Species includes - Eucalyptus crebra, Eucalyptus papuana

Surface Coarse Fragments: 50-90%, medium gravelly, 6-20mm, angular, Shale

Profile Morphology

A1	0 - 0.1 m	Dark reddish brown (5YR3/4-Moist); ; Fine sandy clay loam (Heavy); Weak grade of structure, 10-20 mm, Subangular blocky; Smooth-ped fabric; Dry; Very firm consistence; , Calcareous, , ; , Gypseous, , ; Field pH 6 (Raupach, 0.05); Clear change to -
B2	0.1 - 0.3 m	Dark red (2.5YR3/6-Moist); ; Light clay; Moderate grade of structure, 5-10 mm, Subangular blocky; Smooth-ped fabric; Dry; Very firm consistence; 2-10%, medium gravelly, 6-20mm, angular, Substrate material, coarse fragments; , Calcareous, , ; , Gypseous, , ; Field pH 6 (Raupach, 0.2); Clear change to -
BC	0.3 - 0.8 m	Reddish brown (2.5YR4/4-Moist); ; Clay loam; Dry; 50-90%, medium gravelly, 6-20mm, angular, Substrate material, coarse fragments; , Calcareous, , ; , Gypseous, , ; Field pH 6.5 (Raupach, 0.6);

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	Avail.	Total	Total	Total	Bulk	Particle Size Analysis				
		C	P	P	N	K	Density	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