Project Name: **Preliminary Assessment and Survey of Land Degradation in the Dalrypmle Shire, QLD**
Project Code: **DLR** **Site ID:** **1274** **Observation ID:** **1**
Agency Name: **QLD Department of Primary Industries**

Site Information

Desc. By: Rogers, Gary
Date Desc.: 21/07/92
Map Ref.: Sheet No. : 8059 GPS
Northing/Long.: 7867546 AMG zone: 55
Easting/Lat.: 343690 Datum: AGD66
Locality:
Elevation: 400 metres
Rainfall: No Data
Runoff: Rapid
Drainage: 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: Undulating rises 9-30m 3-10%
Morph. Type: Simple-slope
Elem. Type: No Data
Slope: 6 %
Pattern Type: No Data
Relief: No Data
Slope Category: Gently inclined
Aspect: No Data

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:
Basic Paralithic Leptic Rudosol Thick Very gravelly Loamy Loamy Shallow
Mapping Unit: N/A
Principal Profile Form: Uc5.11

ASC Confidence:
All necessary analytical data are available.
Great Soil Group: Lithosol

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

Vegetation: Low Strata - Tussock grass, 0.26-0.5m, Sparse. *Species includes - Aristida species, Enneapogon species, Cleistochloa subjuncea Mid Strata - Tree, 1.01-3m, Isolated plants. *Species includes - Eucalyptus melanophloia

Tall Strata - Tree, 3.01-6m, Sparse. *Species includes - Eucalyptus melanophloia, Eucalyptus papuana

Surface Coarse Fragments: 50-90%, cobbly, 60-200mm, angular, Metamorphic rock (unidentified)

Profile Morphology

A11	0 - 0.12 m	Brown (7.5YR4/4-Moist); ; Sandy loam; Massive grade of structure; Sandy (grains prominent) fabric; 50-90%, coarse gravelly, 20-60mm, angular, Substrate material, coarse fragments; , Calcareous, , ; , Gypseous, , ; Field pH 6.5 (Raupach, 0.03); Clear change to -
A12	0.12 - 0.3 m	Dark yellowish brown (10YR4/4-Moist); ; Sandy loam; Massive grade of structure; Sandy (grains prominent) fabric; 50-90%, cobbly, 60-200mm, angular, Substrate material, coarse fragments; , Calcareous, , ; , Gypseous, , ; Field pH 6 (Raupach, 0.2);

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