Project Name: **Preliminary Assessment and Survey of Land Degradation in the Dalrypmle Shire, QLD**
Project Code: **DLR** **Site ID:** **1256** **Observation ID:** **1**
Agency Name: **QLD Department of Primary Industries**

Site Information

Desc. By: Rogers, Gary
Date Desc.: 29/06/92
Map Ref.: Sheet No. : 8059 GPS
Northing/Long.: 7853876 AMG zone: 55
Easting/Lat.: 392179 Datum: AGD66
Locality:
Elevation: 320 metres
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, No Data

Land Form

Rel/Slope Class: Rolling plains <9m 10-32%
Morph. Type: Upper-slope
Elem. Type: Hillcrest
Slope: 13 %
Pattern Type: Plain
Relief: No Data
Slope Category: Moderately inclined
Aspect: 180 degrees

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:
Ferric Eutrophic Red Chromosol Medium Slightly gravelly Loamy Clay-loamy Moderately deep
Mapping Unit: N/A
Principal Profile Form: Dr3.52

ASC Confidence:
No analytical data are available but confidence is fair.
Great Soil Group: Red podzolic soil

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

Vegetation: Low Strata - Tussock grass, 0.26-0.5m, Sparse. *Species includes - Themeda triandra, Aristida species, Phynchelytrum repens Mid Strata - Tree, 1.01-3m, Sparse. *Species includes - Eremophila mitchellii, Petalostigma pubescens

Tall Strata - Tree, 6.01-12m, Sparse. *Species includes - Eucalyptus brownii, Eucalyptus crebra

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A11	0 - 0.12 m	Dark yellowish brown (10YR3/4-Moist); ; Sandy loam; Massive grade of structure; Sandy (grains prominent) fabric; Very many (50 - 100 %), Ferromanganiferous, Very coarse (20 - 60 mm), Nodules; , Calcareous, , ; , Gypseous, , ; Field pH 6.5 (Raupach, 0.06); Abrupt change to -
A2	0.12 - 0.25 m	Brown (7.5YR4/4-Moist); ; Clayey sand; Massive grade of structure; Sandy (grains prominent) fabric; Very many (50 - 100 %), Ferromanganiferous, Coarse (6 - 20 mm), Nodules; , Calcareous, , ; , Gypseous, , ; Field pH 7 (Raupach, 0.2); Clear change to -
B2	0.25 - 0.55 m	Yellowish red (5YR4/6-Moist); ; Clay loam, sandy; Earthy fabric; 2-10%, fine gravelly, 2-6mm, subrounded, Quartz, coarse fragments; Many (20 - 50 %), Ferromanganiferous, Coarse (6 - 20 mm), Nodules; , Calcareous, , ; , Gypseous, , ; Field pH 6.5 (Raupach, 0.35);

Morphological Notes

Observation Notes

Site Notes

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrypmle Shire, QLD
Project Code: DLR **Site ID:** 1256 **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