Project Name: **Preliminary Assessment and Survey of Land Degradation in the Dalrypmle Shire, QLD**
Project Code: **DLR** **Site ID:** **1684** **Observation ID:** **1**
Agency Name: **QLD Department of Primary Industries**

Site Information

Desc. By: M.G. Cannon
Date Desc.: 06/05/93
Map Ref.: Sheet No. : 8159 GPS
Northing/Long.: 7849758 AMG zone: 55
Easting/Lat.: 397767 Datum: AGD66
Locality:
Elevation: No Data
Rainfall: No Data
Runoff: No Data
Drainage: No Data

Geology

ExposureType: No Data
Geol. Ref.: No Data
Conf. Sub. is Parent. Mat.: No Data
Substrate Material: Existing vertical exposure, Siltstone

Land Form

Rel/Slope Class: No Data
Morph. Type: No Data
Elem. Type: No Data
Slope: 4 %
Pattern Type: Rises
Relief: No Data
Slope Category: No Data
Aspect: No Data

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:
Haplic Eutrophic Red Chromosol Medium Non-gravelly Loamy Clayey Deep
Mapping Unit: N/A
Principal Profile Form: Dr
ASC Confidence:
Confidence level not specified
Great Soil Group: Red podzolic soil

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

Vegetation:

Low Strata - Tussock grass, , . *Species includes - Aristida species, Bothriochloa species
Mid Strata - Tree, 3.01-6m, Isolated plants. *Species includes - Eucalyptus erythrophloia, Eucalyptus crebra
Tall Strata - Tree, 6.01-12m, Isolated plants. *Species includes - Eucalyptus crebra

Surface Coarse Fragments: 0-2%, medium gravelly, 6-20mm, rounded tabular, Siltstone

Profile Morphology

A11	0 - 0.08 m	Brown (7.5YR4/2-Moist); ; Sandy loam (Heavy); Massive grade of structure; Earthy fabric; Dry; Weak consistence; , Calcareous, , ; , Gypseous, , ; Field pH 7 (Raupach, 0.05); Diffuse, Wavy change to -
A3	0.08 - 0.22 m	Yellowish red (5YR4/6-Moist); ; Sandy clay loam; Massive grade of structure; , Angular blocky; Earthy fabric; Dry; Weak consistence; 2-10%, fine gravelly, 2-6mm, rounded, dispersed, coarse fragments; , Calcareous, , ; , Gypseous, , ; Field pH 7 (Raupach, 0.2); Clear, Wavy change to -
B21	0.22 - 0.6 m	Red (2.5YR4/8-Moist); ; Medium heavy clay; Moderate grade of structure, 50-100 mm, Angular blocky; Moderate grade of structure, 20-50 mm, Angular blocky; Smooth-ped fabric; Dry; Strong consistence; 10-20%, fine gravelly, 2-6mm, rounded, dispersed, coarse fragments; , Calcareous, , ; , Gypseous, , ; Field pH 7 (Raupach, 0.55); Clear, Wavy change to -
B22	0.6 - 1 m	Reddish grey (5YR5/2-Moist); Mottles, 10R46, 10-20% , 0-5mm, Prominent; Mottles, 10-20% ; Medium heavy clay; Strong grade of structure, 20-50 mm, Angular blocky; Strong grade of structure, 10-20 mm, Angular blocky; Smooth-ped fabric; Dry; Strong consistence; 2-10%, fine gravelly, 2-6mm, rounded, dispersed, coarse fragments; , Calcareous, , ; , Gypseous, , ; Field pH 7 (Raupach, 1); Abrupt, Wavy change to -
C	1 - 1.2 m	; Dry; , Calcareous, , ; , Gypseous, , ;

Morphological Notes

Observation Notes

Site Notes

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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