Project Name: **Preliminary Assessment and Survey of Land Degradation in the Dalrypmle Shire, QLD**
Project Code: **DLR** **Site ID:** **1912** **Observation ID:** **1**
Agency Name: **QLD Department of Primary Industries**

Site Information

Desc. By: Rogers, Gary
Date Desc.: 25/05/93
Map Ref.: Sheet No. : 8255 GPS
Northing/Long.: 7659057 AMG zone: 55
Easting/Lat.: 486016 Datum: AGD66
Locality:
Elevation: No Data
Rainfall: No Data
Runoff: Very slow
Drainage: Imperfectly 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: Gently undulating plains <9m 1-3%
Morph. Type: No Data
Elem. Type: Plain
Slope: 3 %
Pattern Type: Plain
Relief: No Data
Slope Category: Very gently sloped
Aspect: No Data

Surface Soil Condition (dry): Cracking, Self-mulching

Erosion:

Soil Classification

Australian Soil Classification:
Epicalcareous Self-Mulching Grey Vertosol Gravelly Medium fine Very fine Deep
Mapping Unit: N/A
Principal Profile Form: Ug

ASC Confidence:
No analytical data are available but confidence is fair.
Great Soil Group: Grey clay

Site Disturbance: Extensive clearing, for example poisoning, ringbarking

Vegetation: Low Strata - Tussock grass, 0.26-0.5m, Very sparse. *Species includes - Cenchrus ciliaris
Mid Strata - , , . *Species includes - None recorded
Tall Strata - Shrub, 1.01-3m, Sparse. *Species includes - Terminalia oblongata, Atalaya hemiglauca

Surface Coarse Fragments: 10-20%, coarse gravelly, 20-60mm, subrounded, Quartz

Profile Morphology

A	0 - 0.18 m	Greyish brown (2.5Y5/2-Moist); ; Medium clay; Strong grade of structure, 10-20 mm, Polyhedral; Smooth-ped fabric; Dry; Strong consistence; , Calcareous, , ; , Gypseous, , ; Field pH 7.5 (Raupach, 0.1);
B1	0.18 - 0.4 m	Greyish brown (2.5Y5/2-Moist); ; Medium heavy clay; Moderate grade of structure, 20-50 mm, Subangular blocky; Moderate grade of structure, 10-20 mm, Angular blocky; Smooth-ped fabric; Dry; Strong consistence; Very few (0 - 2 %), Calcareous, Fine (0 - 2 mm), ; , Gypseous, , ; Soil matrix is Moderately calcareous; Field pH 9 (Raupach, 0.3);
B21	0.4 - 0.9 m	Greyish brown (2.5Y5/2-Moist); ; Medium heavy clay; Strong grade of structure, 20-50 mm, Angular blocky; Smooth-ped fabric; Moderately moist; Strong consistence; Very few (0 - 2 %), Calcareous, Fine (0 - 2 mm), ; , Gypseous, , ; Soil matrix is Moderately calcareous; Field pH 9 (Raupach, 0.9);
B22	0.9 - 1.5 m	Light brownish grey (2.5Y6/2-Moist); Mottles, 7.5YR32, 10-20% , 0-5mm, Distinct; Mottles, 10-20% ; Medium heavy clay; Moderate grade of structure, 10-20 mm, Subangular blocky; Smooth-ped fabric; Moderately moist; Very firm consistence; Common (10 - 20 %), Manganiferous, Medium (2 -6 mm), Soft segregations; , Calcareous, , ; , Gypseous, , ; Field pH 6.5 (Raupach, 1.5);

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:** 1912 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

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