Project Name: **Preliminary Assessment and Survey of Land Degradation in the Dalrypmle Shire, QLD**
Project Code: **DLR** **Site ID:** **2043** **Observation ID:** **1**
Agency Name: **QLD Department of Primary Industries**

Site Information

Desc. By: Rogers, Gary
Date Desc.: 23/06/93
Map Ref.: Sheet No. : 8154 GPS
Northing/Long.: 7618055 AMG zone: 55
Easting/Lat.: 439680 Datum: AGD66
Locality:
Elevation: No Data
Rainfall: No Data
Runoff: Moderately 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: Undulating rises 9-30m 3-10%
Morph. Type: Simple-slope
Elem. Type: Hillslope
Slope: 4 %
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 Kandosol Thin Non-gravelly Clay-loamy Clayey Deep
Mapping Unit: N/A
Principal Profile Form: Gn2.12
ASC Confidence:
No analytical data are available but confidence is fair.
Great Soil Group: Red earth

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

Vegetation:

Low Strata - , , . *Species includes - Aristida species, Eriachne species, TRIODIA SPECIES ?
Mid Strata - , , . *Species includes - Hakea species, Petalostigma pubescens
Tall Strata - Tree, 6.01-12m, Sparse. *Species includes - Eucalyptus shirleyi

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A1	0 - 0.08 m	Dark yellowish brown (10YR3/4-Moist); ; Sandy clay loam; Massive grade of structure; Earthy fabric; Dry; Firm consistence; , Calcareous, , ; , Gypseous, , ; Field pH 6 (Raupach, 0.04); Clear change to -
B1	0.08 - 0.21 m	Strong brown (7.5YR4/6-Moist); ; Clay loam, sandy; Massive grade of structure, Polyhedral; Earthy fabric; Few (<1 per 100mm2) Very fine (0.075-1mm) macropores, Dry; Firm consistence; , Calcareous, , ; , Gypseous, , ; Field pH 6 (Raupach, 0.18); Clear change to -
B21	0.21 - 0.45 m	Strong brown (7.5YR4/6-Moist); Mottles, 2.5YR46, 10-20% , 0-5mm, Prominent; Mottles, 10-20% ; Clay loam, sandy; Weak grade of structure, 5-10 mm, Subangular blocky; Smooth-ped fabric; Common (1-5 per 100mm2) Very fine (0.075-1mm) macropores, Dry; Very firm consistence; Common (10 - 20 %), Ferruginous, Medium (2 -6 mm), Nodules; , Calcareous, , ; , Gypseous, , ; Field pH 6 (Raupach, 0.35);
B22	0.45 - 1.5 m	Yellowish red (5YR5/5-Moist); ; Sandy light clay; Dry; , Calcareous, , ; , Gypseous, , ; Field pH 6.5 (Raupach, 1.2);

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:** 2043 **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

Project Name: **Preliminary Assessment and Survey of Land Degradation in the Dalrypmle Shire, QLD**
Project Code: **DLR** **Site ID:** **2043** **Observation ID:** **1**
Agency Name: **QLD Department of Primary Industries**

Laboratory Analyses Completed for this profile