Project Name: **Preliminary Assessment and Survey of Land Degradation in the Dalrypmle Shire, QLD**
Project Code: **DLR** **Site ID:** **1766** **Observation ID:** **1**
Agency Name: **QLD Department of Primary Industries**

Site Information

Desc. By: Bright, J (Mitch)
Date Desc.: 23/07/93
Map Ref.: Sheet No. : 8155 GPS
Northing/Long.: 7661449 AMG zone: 55
Easting/Lat.: 441368 Datum: AGD66
Locality:
Elevation: No Data
Rainfall: No Data
Runoff: Moderately rapid
Drainage: Poorly 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: Crest
Elem. Type: Hillcrest
Slope: 1 %
Pattern Type: Rises
Relief: No Data
Slope Category: Very gently sloped
Aspect: No Data

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:
Acidic Eutrophic Brown Kandosol Thick Slightly gravelly Clay-loamy Clay-loamy Shallow
Mapping Unit: N/A
Principal Profile Form: Gn2.41

ASC Confidence:
Confidence level not specified
Great Soil Group: No suitable group

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

Vegetation:

Low Strata - Hummock grass, 0.26-0.5m, Very sparse. *Species includes - Triodia mitchelii
Mid Strata - Shrub, 1.01-3m, Sparse. *Species includes - Petalostigma pubescens
Tall Strata - Tree, 6.01-12m, Mid-dense. *Species includes - Acacia shirleyi, Eucalyptus shirleyi

Surface Coarse Fragments: 10-20%, cobbly, 60-200mm, subrounded, Rhyolite

Profile Morphology

A1	0 - 0.15 m	Very dark greyish brown (10YR3/2-Moist); ; Sandy clay loam; Massive grade of structure; Dry; Very weak consistence; , Calcareous, , ; , Gypseous, , ; Field pH 4 (Raupach, 0.1); Gradual change to -
A12	0.15 - 0.32 m	Dark brown (10YR3/3-Moist); ; Clay loam, sandy; Massive grade of structure; Dry; Very weak consistence; 2-10%, fine gravelly, 2-6mm, rounded, Rhyolite, coarse fragments; , Calcareous, , ; , Gypseous, , ; Field pH 4 (Raupach, 0.25); Clear change to -
B	0.32 - 0.4 m	Brown (10YR4/3-Moist); ; Clay loam, sandy; Massive grade of structure; Dry; Very weak consistence; 50-90%, coarse gravelly, 20-60mm, rounded, dispersed, Rhyolite, coarse fragments; , Calcareous, , ; , Gypseous, , ; Field pH 4 (Raupach, 0.35);

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