Project Name: **Preliminary Assessment and Survey of Land Degradation in the Dalrypmle Shire, QLD**
Project Code: **DLR** **Site ID:** **2273** **Observation ID:** **1**
Agency Name: **QLD Department of Primary Industries**

Site Information

Desc. By: Rogers, Gary
Date Desc.: 26/08/93
Map Ref.: Sheet No. : 7859 GPS
Northing/Long.: 7863312 AMG zone: 55
Easting/Lat.: 279024 Datum: AGD66
Locality:
Elevation: No Data
Rainfall: No Data
Runoff: Moderately rapid
Drainage: 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: Gently undulating plains <9m 1-3%
Morph. Type: Simple-slope
Elem. Type: Plain
Slope: 3 %
Pattern Type: Plain
Relief: No Data
Slope Category: Very gently sloped
Aspect: No Data

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:
Ferric Eutrophic Brown Kandosol
ASC Confidence:
No analytical data are available but confidence is fair.
Mapping Unit: N/A
Principal Profile Form: Dy2.61
Great Soil Group: Lateritic podzolic soil

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

Vegetation:

Low Strata - Tussock grass, 0.51-1m, Mid-dense. *Species includes - Themeda triandra
Mid Strata - Tree, 3.01-6m, Sparse. *Species includes - Melaleuca species, Grevillea species, Petalostigma pubescens
Tall Strata - Tree, 12.01-20m, Sparse. *Species includes - Eucalyptus similis, Eucalyptus polycarpa

Surface Coarse Fragments: 2-10%, fine gravelly, 2-6mm, subrounded,

Profile Morphology

A11	0 - 0.1 m	Dark brown (10YR3/3-Moist); ; Sandy loam (Heavy); Massive grade of structure; Earthy fabric; Dry; Firm consistence; Few (2 - 10 %), Ferromanganiferous, Medium (2 -6 mm), Nodules; , Calcareous, , ; , Gypseous, , ; Field pH 6 (Raupach, 0.05); Clear change to -
A2	0.1 - 0.3 m	Yellowish brown (10YR5/4-Moist); ; Sandy clay loam; Massive grade of structure; Earthy fabric; Dry; Firm consistence; Many (20 - 50 %), Ferromanganiferous, Medium (2 -6 mm), Nodules; , Calcareous, , ; , Gypseous, , ; Field pH 5.5 (Raupach, 0.2); Clear change to -
B21	0.3 - 0.6 m	Yellowish brown (10YR5/6-Moist); ; Sandy light clay; Massive grade of structure; Earthy fabric; Dry; Firm consistence; 50-90%, medium gravelly, 6-20mm, subangular, coarse fragments; Very many (50 - 100 %), Ferromanganiferous, Medium (2 -6 mm), Nodules; , Calcareous, , ; , Gypseous, , ; Field pH 5.5 (Raupach, 0.4); Gradual change to -
B22	0.6 - 1.3 m	Red (2.5YR4/6-Moist); ; Light medium clay; Dry; Firm consistence; , Calcareous, , ; , Gypseous, , ; Field pH 6 (Raupach, 1);

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:** 2273 **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	Avail.	Total	Total	Total	Bulk	Particle Size Analysis				
		C	P	P	N	K	Density	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