Project Name: **Preliminary Assessment and Survey of Land Degradation in the Dalrypmle Shire, QLD**
Project Code: **DLR** **Site ID:** **1561** **Observation ID:** **1**
Agency Name: **QLD Department of Primary Industries**

Site Information

Desc. By: Barry, Earl
Date Desc.: 29/10/92
Map Ref.: Sheet No. : 7956 GPS
Northing/Long.: 7726990 AMG zone: 55
Easting/Lat.: 330533 Datum: AGD66
Locality:
Elevation: No Data
Rainfall: No Data
Runoff: Rapid
Drainage: Moderately well drained

Geology

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

Land Form

Rel/Slope Class: Level plain <9m <1%
Morph. Type: Flat
Elem. Type: Plain
Slope: 2 %
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:
Haplic Eutrophic Red Chromosol Medium Non-gravelly Loamy Clayey Deep
Mapping Unit: N/A
Principal Profile Form: Dr2.12
ASC Confidence:
No analytical data are available but confidence is fair.
Great Soil Group: Non-calcic brown soil

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

Vegetation: Low Strata - Tussock grass, 0.26-0.5m, Sparse. *Species includes - Bothriochloa ewartiana, Chrysopogon fallax, Dichanthium species Mid Strata - Tree, 3.01-6m, Sparse. *Species includes - Eucalyptus crebra, Eucalyptus papuana

Tall Strata - Tree, 6.01-12m, Sparse. *Species includes - Eucalyptus crebra, Eucalyptus papuana

Surface Coarse Fragments: 0-2%, medium gravelly, 6-20mm, angular, Quartz

Profile Morphology

A1	0 - 0.1 m	Dark brown (7.5YR3/2-Moist); ; Sandy loam (Heavy); Massive grade of structure; Earthy fabric; Dry; , Calcareous, , ; , Gypseous, , ; Field pH 7 (Raupach, 0.05); Clear change to -
B1	0.1 - 0.22 m	Dark reddish brown (2.5YR3/4-Moist); ; Light medium clay; Strong grade of structure, 20-50 mm, Subangular blocky; Smooth-ped fabric; Dry; , Calcareous, , ; , Gypseous, , ; Clear change to -
B21	0.22 - 0.8 m	Red (2.5YR4/6-Moist); ; Light clay; Moderate grade of structure, 20-50 mm, Prismatic; Smooth-ped fabric; Dry; , Calcareous, , ; , Gypseous, , ; Field pH 7.5 (Raupach, 0.4); Gradual change to -
B3	0.8 - 1.3 m	Yellowish red (5YR4/6-Moist); ; Sandy clay loam; Massive grade of structure; Sandy (grains prominent) fabric; Dry; , Calcareous, , ; , Gypseous, , ; Field pH 6.5 (Raupach, 0.9);
C	1.3 - 2 m	; , Calcareous, , ; , Gypseous, , ; Field pH 6.5 (Raupach, 1.5);

Morphological Notes

Observation Notes

Site Notes

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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