Project Name: **Preliminary Assessment and Survey of Land Degradation in the Dalrypmle Shire, QLD**
Project Code: **DLR** **Site ID:** **2321** **Observation ID:** **1**
Agency Name: **QLD Department of Primary Industries**

Site Information

Desc. By:	M.G. Cannon	**Locality:**	
Date Desc.:	12/05/94	**Elevation:**	No Data
Map Ref.:	Sheet No. : 8060 GPS	**Rainfall:**	No Data
Northing/Long.:	7940750 AMG zone: 55	**Runoff:**	No Data
Easting/Lat.:	358753 Datum: AGD66	**Drainage:**	No Data

Geology

ExposureType:	No Data	**Conf. Sub. is Parent. Mat.:**	No Data
Geol. Ref.:	No Data	**Substrate Material:**	No Data

Land Form

Rel/Slope Class:	Rolling hills 90-300m 10-32%	**Pattern Type:**	Hills
Morph. Type:	Crest	**Relief:**	No Data
Elem. Type:	Hillcrest	**Slope Category:**	Very gently sloped
Slope:	2 %	**Aspect:**	No Data

Surface Soil Condition (dry): Soft

Erosion:

Soil Classification

Australian Soil Classification: Haplic Eutrophic Red Dermosol Medium Non-gravelly Clay-loamy Clayey Deep

Mapping Unit: N/A

Principal Profile Form: Gn3.12

ASC Confidence: No analytical data are available but confidence is fair.

Great Soil Group: N/A

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

Vegetation: Low Strata - Tussock grass, 0.26-0.5m, Mid-dense. *Species includes - Themeda triandra, Unknown species, Xanthorrhoea johnsonii Mid Strata - Tree, 6.01-12m, Sparse. *Species includes - Casuarina torulosa, Eucalyptus acmenoides, Eucalyptus polycarpa

Tall Strata - Tree, 12.01-20m, Mid-dense. *Species includes - Eucalyptus polycarpa, Eucalyptus acmenoides, Casuarina torulosa

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A11	0 - 0.06 m	Dark reddish brown (5YR3/2-Moist); ; Clay loam; Massive grade of structure; Earthy fabric; Moderately moist; Very weak consistence; , Calcareous, , ; , Gypseous, , ; Field pH 6 (Raupach, 0.05);
A12	0.06 - 0.18 m	Dark reddish brown (5YR3/4-Moist); ; Clay loam; Massive grade of structure; Earthy fabric; Moderately moist; Very weak consistence; , Calcareous, , ; , Gypseous, , ; Field pH 6 (Raupach, 0.1);
B1	0.18 - 0.28 m	Yellowish red (5YR4/8-Moist); ; Light clay; Massive grade of structure; Earthy fabric; Moderately moist; Weak consistence; 0-2%, medium gravelly, 6-20mm, subangular tabular, dispersed, Igneous rock (unidentified), coarse fragments; , Calcareous, , ; , Gypseous, , ; Field pH 6 (Raupach, 0.25);
B21	0.28 - 0.5 m	Red (2.5YR4/6-Moist); ; Light clay; Massive grade of structure; Earthy fabric; Moderately moist; Weak consistence; 0-2%, medium gravelly, 6-20mm, subangular tabular, dispersed, Igneous rock (unidentified), coarse fragments; , Calcareous, , ; , Gypseous, , ; Field pH 6 (Raupach,
B22	0.5 - 0.9 m	Red (2.5YR4/8-Moist); ; Light medium clay; Moderate grade of structure, 10-20 mm, Angular blocky; Strong grade of structure, 5-10 mm, Angular blocky; Smooth-ped fabric; Moderately moist; Very firm consistence; 2-10%, medium gravelly, 6-20mm, subangular tabular, dispersed, Igneous rock (unidentified), coarse fragments; , Calcareous, , ; , Gypseous, , ; Field pH 6.5 (Raupach, 0.9);

Morphological Notes

Observation Notes

Site Notes

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Project Code: DLR **Site ID:** 2321 **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