

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrypmle Shire, QLD
Project Code: DLR **Site ID:** 893 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	M.G. Cannon	Locality:	
Date Desc.:	19/11/91	Elevation:	260 metres
Map Ref.:	Sheet No. : 8256 GPS	Rainfall:	No Data
Northing/Long.:	7687176 AMG zone: 55	Runoff:	No Data
Easting/Lat.:	462763 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:	Gently undulating plains <9m 1-3%	Pattern Type:	Plain
Morph. Type:	Flat	Relief:	No Data
Elem. Type:	Plain	Slope Category:	Very gently sloped
Slope:	2 %	Aspect:	No Data

Surface Soil Condition (dry): Hardsetting, Soft

Erosion:

Soil Classification

Australian Soil Classification:	Mapping Unit:	N/A
Eutrophic Subnatric Brown Sodosol Medium Moderately gravelly Clay-loamy Clayey Shallow	Principal Profile Form:	Db1.33
ASC Confidence:	Great Soil Group:	Solodic soil
No analytical data are available but confidence is fair.		

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

Vegetation: Low Strata - Tussock grass, <0.25m, Sparse. *Species includes - None recorded
Mid Strata - Tree, 1.01-3m, Isolated plants. *Species includes - Lysiphillum carronii, Eremophila mitchellii
Tall Strata - Tree, 6.01-12m, Mid-dense. *Species includes - Acacia argyrodendron

Surface Coarse Fragments: 20-50%, cobbly, 60-200mm, subangular, Detrital sedimentary rock (unidentified)

Profile Morphology

A11	0 - 0.05 m	Brown (10YR5/3-Moist); ; Sandy clay loam; Massive grade of structure; Earthy fabric; Dry; Weak consistence; 10-20%, coarse gravelly, 20-60mm, rounded, Quartz, coarse fragments; , Calcareous, , , , Gypseous, , , Field pH 5.8 (Raupach, 0.05); Clear change to -
A2j	0.05 - 0.2 m	Dark greyish brown (10YR4/2-Moist); ; Sandy clay loam; Massive grade of structure; Earthy fabric; Dry; Weak consistence; 10-20%, coarse gravelly, 20-60mm, rounded, Quartz, coarse fragments; , Calcareous, , , , Gypseous, , , Abrupt change to -
B1j	0.2 - 0.3 m	Greyish brown (10YR5/2-Moist); ; Medium clay; Moderate grade of structure, 10-20 mm, Subangular blocky; Smooth-ped fabric; Dry; Very strong consistence; 10-20%, coarse gravelly, 20-60mm, rounded, Quartz, coarse fragments; , Calcareous, , , , Gypseous, , , Gradual change to -
B2	0.3 - 0.4 m	Brown (10YR4/3-Moist); ; Medium clay; Moderate grade of structure, 10-20 mm, Subangular blocky; Smooth-ped fabric; Very strong consistence; , Calcareous, , , , Gypseous, , , Field pH 6.5 (Raupach, 0.4);

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	Avail.	Total	Total	Total	Bulk	Particle		Size	Analysis	
		C	P	P	N	K	Density	GV	CS	FS	Silt	Clay
m	%	%	mg/kg	%	%	%	Mg/m3			%		

[illegible]

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Laboratory Analyses Completed for this profile