Project Name: **Preliminary Assessment and Survey of Land Degradation in the Dalrypmle Shire, QLD**
Project Code: **DLR** **Site ID:** **380** **Observation ID:** **1**
Agency Name: **QLD Department of Primary Industries**

Site Information

Desc. By:	M. DeCorte	**Locality:**	
Date Desc.:	14/08/91	**Elevation:**	240 metres
Map Ref.:	Sheet No. : 8257 GPS	**Rainfall:**	No Data
Northing/Long.:	7739295 AMG zone: 55	**Runoff:**	Moderately rapid
Easting/Lat.:	487807 Datum: AGD66	**Drainage:**	Imperfectly drained

Geology

ExposureType:	No Data	**Conf. Sub. is Parent. Mat.:**	No Data
Geol. Ref.:	No Data	**Substrate Material:**	Undisturbed soil core, Granulite

Land Form

Rel/Slope Class:	Undulating rises 9-30m 3-10%	**Pattern Type:**	Rises
Morph. Type:	Upper-slope	**Relief:**	No Data
Elem. Type:	Hillslope	**Slope Category:**	Gently inclined
Slope:	4 %	**Aspect:**	No Data

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:
Eutrophic Mottled-Subnatric Brown Sodosol Medium Non-gravelly Sandy Clayey Shallow

Mapping Unit: N/A
Principal Profile Form: Dy2.33

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

Great Soil Group: Solodized solonetz

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

Vegetation: Low Strata - Tussock grass, 0.26-0.5m, Sparse. *Species includes - Chrysopogon fallax, Heteropogon contortus,
Bothriochloa pertusa Mid Strata - , , . *Species includes - None recorded

Tall Strata - , , . *Species includes - Eucalyptus erythrophloia, Eucalyptus crebra

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A1	0 - 0.09 m	Dark greyish brown (10YR4/2-Moist); ; Loamy coarse sand; Massive grade of structure; Earthy fabric; Dry; Very firm consistence; 0-2%, fine gravelly, 2-6mm, angular, dispersed, Quartz, coarse fragments; , Calcareous, , ; , Gypseous, , ; Field pH 6.5 (Raupach, 0.05); Clear change
A2j	0.09 - 0.15 m	Yellowish brown (10YR5/4-Moist); ; Loamy coarse sand; Massive grade of structure; Earthy fabric; Dry; Very firm consistence; 2-10%, fine gravelly, 2-6mm, angular, dispersed, Quartz, coarse fragments; , Calcareous, , ; , Gypseous, , ; Abrupt change to -
B21	0.15 - 0.45 m	Yellowish brown (10YR5/6-Moist); Mottles, 5YR58, 2-10% , 0-5mm, Distinct; Mottles, 2-10% ; Coarse sandy medium clay; Strong grade of structure, 20-50 mm, Prismatic; Smooth-ped fabric; Dry; Very strong consistence; 2-10%, fine gravelly, 2-6mm, angular, dispersed, Quartz, coarse fragments; , Calcareous, , ; , Gypseous, , ; Field pH 8.5 (Raupach, 0.3); Clear change to -
C	0.45 - 0.8 m	; Dry; Strong consistence; , Calcareous, , ; , Gypseous, , ; Field pH 8.5 (Raupach, 0.6);

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:** 380 **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

Project Name: **Preliminary Assessment and Survey of Land Degradation in the Dalrypmle Shire, QLD**
Project Code: **DLR** **Site ID:** **380** **Observation ID:** **1**
Agency Name: **QLD Department of Primary Industries**

Laboratory Analyses Completed for this profile