

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 2071 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	Rogers, Gary	Locality:	
Date Desc.:	11/06/93	Elevation:	No Data
Map Ref.:	Sheet No. : 8255 GPS	Rainfall:	No Data
Northing/Long.:	7630636 AMG zone: 55	Runoff:	Slow
Easting/Lat.:	448038 Datum: AGD66	Drainage:	Imperfectly drained

Geology

Exposure Type:	No Data	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	No Data	Substrate Material:	Undisturbed soil core, No Data

Land Form

Rel/Slope Class:	Level plain <9m <1%	Pattern Type:	Plain
Morph. Type:	Flat	Relief:	No Data
Elem. Type:	Plain	Slope Category:	Level
Slope:	1 %	Aspect:	No Data

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Haplic Eutrophic Red Chromosol Medium Non-gravelly Clay-loamy Clayey Deep		Principal Profile Form:	Dr3.43
ASC Confidence:	No analytical data are available but confidence is fair.	Great Soil Group:	Solodic soil

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

Vegetation: Low Strata - Tussock grass, 0.51-1m, Mid-dense. *Species includes - Aristida species
Mid Strata - Tree, 3.01-6m, Very sparse. *Species includes - Eremophila mitchellii
Tall Strata - Tree, 6.01-12m, Very sparse. *Species includes - Eucalyptus brownii, Eucalyptus normantonensis

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A1	0 - 0.13 m	Brown (7.5YR4/4-Moist); ; Sandy clay loam; Massive grade of structure; Dry; Very firm consistence; , Calcareous, , , , Gypseous, , , Field pH 5.5 (Raupach, 0.05); Clear change to -
A2e	0.13 - 0.21 m	Strong brown (7.5YR4/6-Moist); ; Sandy loam; Massive grade of structure; Dry; Strong consistence; , Calcareous, , , , Gypseous, , , Field pH 6 (Raupach, 0.18); Abrupt change to -
B21	0.21 - 0.4 m	Dark red (2.5YR3/6-Moist); Mottles, 5YR33, 20-50% , 0-5mm, Prominent; Mottles, 20-50% ; Medium clay; Moderate grade of structure, 20-50 mm, Angular blocky; Moderate grade of structure, 5-10 mm, Polyhedral; Dry; Strong consistence; 0-2%, fine gravelly, 2-6mm, subrounded, Quartz, coarse fragments; , Calcareous, , , , Gypseous, , , Field pH 7 (Raupach, 0.3); Gradual change to -
B22	0.4 - 1.5 m	Yellowish brown (10YR5/4-Moist); ; Sandy light medium clay (Heavy); Dry; Strong consistence; , Calcareous, , , , Gypseous, , , Field pH 8.5 (Raupach, 1.2);

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: 2071 Observation ID: 1
Agency Name: QLD Department of Primary Industries

Laboratory Test Results:

Depth	pH	1:5 EC	Exchangeable Cations			Exchangeable Acidity		CEC	ECEC	ESP
m		dS/m	Ca	Mg	K	Na				%
						Cmol (+)/kg				

Depth	CaCO3	Organic C	Avail. P	Total P	Total N	Total K	Bulk Density	Particle Size	Analysis
m	%	%	mg/kg	%	%	%	Mg/m3	GV CS FS	Silt Clay
								%	

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: 2071 Observation ID: 1
Agency Name: QLD Department of Primary Industries

Laboratory Analyses Completed for this profile