

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 2062 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	Rogers, Gary	Locality:	
Date Desc.:	10/06/93	Elevation:	No Data
Map Ref.:	Sheet No. : 8255 GPS	Rainfall:	No Data
Northing/Long.:	7640128 AMG zone: 55	Runoff:	Rapid
Easting/Lat.:	474191 Datum: AGD66	Drainage:	Moderately well drained

Geology

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

Land Form

Rel/Slope Class:	Undulating rises 9-30m 3-10%	Pattern Type:	Rises
Morph. Type:	Simple-slope	Relief:	No Data
Elem. Type:	Hillslope	Slope Category:	Gently inclined
Slope:	5 %	Aspect:	No Data

Surface Soil Condition (dry): Hardsetting, Poached

Erosion:

Soil Classification

Australian Soil Classification:	Mapping Unit:	N/A
Mottled Eutrophic Brown Dermosol Medium Slightly gravelly Clay-loamy Clayey Deep	Principal Profile Form:	Dy3.13
ASC Confidence:	Great Soil Group:	No suitable group

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, 0.26-0.5m, Very sparse. *Species includes - None recorded
Mid Strata - Tree, 3.01-6m, Very sparse. *Species includes - Acacia argyrodendron, Eremophila mitchellii
Tall Strata - Tree, 6.01-12m, Mid-dense. *Species includes - Acacia argyrodendron, Eucalyptus cambageana

Surface Coarse Fragments: 2-10%, coarse gravelly, 20-60mm, angular tabular, Sandstone

Profile Morphology

A1	0 - 0.1 m	Dark yellowish brown (10YR4/4-Moist); ; Clay loam; Massive grade of structure; Earthy fabric; Dry; Very firm consistence; , Calcareous, , , , Gypseous, , ; Field pH 6 (Raupach, 0.05); Abrupt change to -
B21	0.1 - 0.28 m	Light olive brown (2.5Y5/4-Moist); Mottles, 5YR58, 10-20% , 0-5mm, Faint; Mottles, 10-20% ; Sandy light medium clay; Moderate grade of structure, 20-50 mm, Angular blocky; Moderate grade of structure, 10-20 mm, Subangular blocky; Smooth-ped fabric; Dry; Strong consistence; , Calcareous, , , , Gypseous, , , ; Field pH 7.5 (Raupach, 0.18); Clear change to -
B22	0.28 - 0.5 m	Yellowish brown (10YR5/6-Moist); ; Sandy medium clay; Strong grade of structure, 20-50 mm, Angular blocky; Smooth-ped fabric; Dry; Strong consistence; Few (2 - 10 %), Manganiferous, Medium (2 -6 mm), Laminae; , Calcareous, , , , Gypseous, , , ; Field pH 8 (Raupach, 0.4); Gradual change to -
B23	0.5 - 0.8 m	Light olive brown (2.5Y5/4-Moist); Mottles, 7.5YR58, 2-10% , 0-5mm, Faint; Mottles, 2-10% ; Sandy light medium clay (Heavy); , Calcareous, , , , Gypseous, , , ; Field pH 9.5 (Raupach, 0.8);
BC	0.8 - 1.4 m	Red (2.5YR4/6-Moist); ; Sandy clay loam; , Calcareous, , , , Gypseous, , , ; Field pH 8 (Raupach, 1.4);

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: 2062 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

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrypmle Shire, QLD
Project Code: DLR Site ID: 2062 Observation ID: 1
Agency Name: QLD Department of Primary Industries

Laboratory Analyses Completed for this profile