

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 1586 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By: Rogers, Gary	Locality:
Date Desc.: 20/04/93	Elevation: No Data
Map Ref.: Sheet No. : 7955 GPS	Rainfall: No Data
Northing/Long.: 7640622 AMG zone: 55	Runoff: Rapid
Easting/Lat.: 318388 Datum: AGD66	Drainage: Moderately well drained

Geology

ExposureType: 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: Gently undulating plains <9m 1-3%	Pattern Type: Plain
Morph. Type: No Data	Relief: No Data
Elem. Type: Plain	Slope Category: Very gently sloped
Slope: 3 %	Aspect: No Data

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:	Mapping Unit: N/A
Haplic Eutrophic Red Dermosol Thin Very gravelly Clay-loamy Clayey Moderately deep	Principal Profile Form: Dr
ASC Confidence: Confidence level not specified	Great Soil Group: N/A

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

Vegetation: Low Strata - Hummock grass, 0.26-0.5m, Sparse. *Species includes - Triodia mitchellii, Acacia species, Sporobolus

Mid Strata - Tree, 3.01-6m, Sparse. *Species includes - Acacia shirleyi, Eremophila mitchellii, Melaleuca tamariscina

Tall Strata - Tree, 6.01-12m, Mid-dense. *Species includes - Acacia shirleyi

Surface Coarse Fragments: 50-90%, medium gravelly, 6-20mm, subangular, Sandstone

Profile Morphology

A11	0 - 0.03 m	Reddish brown (5YR4/4-Moist); ; Clay loam, sandy; Moderate grade of structure, 5-10 mm, Platy; Smooth-ped fabric; Dry; Firm consistence; , Calcareous, , , , Gypseous, , , ; Field pH 6 (Raupach, 0);
B21	0.03 - 0.18 m	Red (2.5YR4/6-Moist); ; Silty light medium clay; Strong grade of structure, 10-20 mm, Subangular blocky; Smooth-ped fabric; Common (1-5 per 100mm2) Fine (1-2mm) macropores, Dry; Firm consistence; Few (2 - 10 %), Manganiferous, Fine (0 - 2 mm), Laminae; , Calcareous, , , , Gypseous, , , ; Field pH 6 (Raupach, 0.1);
B22	0.18 - 0.25 m	Yellowish red (5YR5/6-Moist); ; Silty light medium clay; Strong grade of structure, 10-20 mm, Subangular blocky; Smooth-ped fabric; Common (1-5 per 100mm2) Fine (1-2mm) macropores, Dry; Very firm consistence; , Calcareous, , , , Gypseous, , , ; Field pH 6 (Raupach, 0.2);
B23	0.25 - 0.35 m	Yellowish red (5YR4/6-Moist); ; Silty light medium clay (Heavy); Strong grade of structure, 10-20 mm, Subangular blocky; Smooth-ped fabric; Few (<1 per 100mm2) Fine (1-2mm) macropores, Dry; Very firm consistence; 2-10%, fine gravelly, 2-6mm, angular, Substrate material, coarse fragments; , Calcareous, , , , Gypseous, , , ; Field pH 6 (Raupach, 0.3);

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: 1586 Observation ID: 1
Agency Name: QLD Department of Primary Industries

Laboratory Test Results:

Depth	pH	1:5 EC	Exchangeable Cations			Exchangeable		CEC	ECEC		ESP	
m		dS/m	Ca	Mg	K	Na	Acidity					%
						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	
m		Sat.	0.05 Bar	0.1 Bar	0.5 Bar	1 Bar	5 Bar	15 Bar		
					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:** 1586 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Laboratory Analyses Completed for this profile