

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 1587 **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.:	7626486 AMG zone: 55	Runoff:	Moderately rapid
Easting/Lat.:	327906 Datum: AGD66	Drainage:	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:	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
Basic Petroferric Orthic Tenosol Thick Gravelly Clay-loamy Clay-loamy Moderately deep		Principal Profile Form:	Um-Gn
ASC Confidence:		Great Soil Group:	N/A
Confidence level not specified			

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

Vegetation: Low Strata - Hummock grass, 0.51-1m, Mid-dense. *Species includes - Triodia mitchellii, Aristida species
Mid Strata - Tree, 1.01-3m, Sparse. *Species includes - Eucalyptus species
Tall Strata - Tree, 12.01-20m, Very sparse. *Species includes - Eucalyptus crebra, Eucalyptus melanophloia

Surface Coarse Fragments: 10-20%, medium gravelly, 6-20mm, subrounded, Ferricrete

Profile Morphology

A11	0 - 0.1 m	Dark brown (10YR3/3-Moist); ; Sandy clay loam (Light); Massive grade of structure; Sandy (grains prominent) fabric; Dry; Weak consistence; Common (10 - 20 %), Ferruginous, Medium (2 - 6 mm), Nodules; , Calcareous, , , , Gypseous, , , Field pH 5.5 (Raupach, 0.05); Clear change to -
A12	0.1 - 0.3 m	Dark yellowish brown (10YR4/4-Moist); ; Sandy clay loam (Heavy); Massive grade of structure; Earthy fabric; Dry; Weak consistence; Many (20 - 50 %), Ferruginous, Coarse (6 - 20 mm), Nodules; , Calcareous, , , , Gypseous, , , Field pH 6 (Raupach, 0.2); Gradual change to -
B2w	0.3 - 0.42 m	Brown (7.5YR5/4-Moist); ; Sandy clay loam; Massive grade of structure; Sandy (grains prominent) fabric; Dry; Weak consistence; Very many (50 - 100 %), Ferruginous, Coarse (6 - 20 mm), Nodules; , Calcareous, , , , Gypseous, , , Field pH 6 (Raupach, 0.4);

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: 1587 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 Cmol (+)/kg	Acidity			%

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

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: 1587 Observation ID: 1
Agency Name: QLD Department of Primary Industries

Laboratory Analyses Completed for this profile