

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 336 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	M. DeCorte	Locality:	
Date Desc.:	30/07/91	Elevation:	310 metres
Map Ref.:	Sheet No. : 8157 GPS	Rainfall:	No Data
Northing/Long.:	7743204 AMG zone: 55	Runoff:	No runoff
Easting/Lat.:	434791 Datum: AGD66	Drainage:	Well drained

Geology

ExposureType:	No Data	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	No Data	Substrate Material:	No Data

Land Form

Rel/Slope Class:	Gently undulating plains <9m 1-3%	Pattern Type:	Alluvial plain
Morph. Type:	Flat	Relief:	No Data
Elem. Type:	Plain	Slope Category:	Level
Slope:	1 %	Aspect:	0 degrees

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Haplic Eutrophic Red Dermosol Thin Non-gravelly Loamy Clayey Very deep		Principal Profile Form:	Gn3.15
ASC Confidence:		Great Soil Group:	No suitable

No analytical data are available but confidence is fair.

Site Disturbance: Limited clearing, for example selective logging

Vegetation: Low Strata - Tussock grass, 0.26-0.5m, Sparse. *Species includes - Chrysopogon fallax, Heteropogon contortus, Aristida species
Mid Strata - Tree, 3.01-6m, Sparse. *Species includes - Eucalyptus papuana, Eucalyptus crebra

Tall Strata - Tree, 12.01-20m, Sparse. *Species includes - Eucalyptus crebra, Eucalyptus papuana

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A1	0 - 0.06 m	Brown (7.5YR4/3-Moist); ; Fine sandy loam; Massive grade of structure; Coarse, (10 - 20) mm crack; Medium (2-5mm) macropores, Dry; Firm consistence; , Calcareous, , , , Gypseous, , , Field pH 6.5 (Raupach, 0.05); Gradual, Smooth change to -
A3	0.06 - 0.22 m	Brown (7.5YR5/4-Moist); ; Fine sandy loam; Massive grade of structure; Coarse, (10 - 20) mm crack; Medium (2-5mm) macropores, Dry; Firm consistence; , Calcareous, , , , Gypseous, , , Diffuse, Smooth change to -
B1	0.22 - 0.55 m	Brown (7.5YR4/4-Moist); ; Loamy fine sand; Weak grade of structure, 10-20 mm, Subangular blocky; Coarse, (10 - 20) mm crack; Medium (2-5mm) macropores, Dry; Firm consistence; , Calcareous, , , , Gypseous, , , Field pH 6.5 (Raupach, 0.3); Gradual, Smooth change to -
B21	0.55 - 1.3 m	Reddish brown (5YR4/4-Moist); ; Fine sandy light clay; Moderate grade of structure, 10-20 mm, Subangular blocky; Coarse, (10 - 20) mm crack; Medium (2-5mm) macropores, Dry; Firm consistence; Very few (0 - 2 %), Manganiferous, Fine (0 - 2 mm), Soft segregations; , Calcareous, , , , Gypseous, , , Field pH 7.5 (Raupach, 0.9); Diffuse, Smooth change to -
B22	1.3 - 1.85 m	Yellowish red (5YR4/6-Moist); ; Fine sandy clay loam; Moderate grade of structure, 10-20 mm, Subangular blocky; Coarse, (10 - 20) mm crack; Medium (2-5mm) macropores, Moderately moist; Firm consistence; Very few (0 - 2 %), Manganiferous, Fine (0 - 2 mm), Soft segregations; , Calcareous, , , , Gypseous, , , Field pH 7.5 (Raupach, 1.8); Clear, Smooth
2C	1.85 - 1.95 m	Strong brown (7.5YR4/6-Moist); ; Sandy loam; Weak grade of structure, 10-20 mm, Subangular blocky; Coarse, (10 - 20) mm crack; Medium (2-5mm) macropores, Moderately moist; Firm consistence; 0-2%, coarse gravelly, 20-60mm, angular, dispersed, Rhyolite, coarse fragments; , Calcareous, , , , Gypseous, , ,

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: 336 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: 336 Observation ID: 1
Agency Name: QLD Department of Primary Industries

Laboratory Analyses Completed for this profile