

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 1377 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	Rogers, Gary	Locality:	
Date Desc.:	20/08/92	Elevation:	No Data
Map Ref.:	Sheet No. : 7957 GPS	Rainfall:	No Data
Northing/Long.:	7767666 AMG zone: 55	Runoff:	Very slow
Easting/Lat.:	295728 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:	Gently undulating plains <9m 1-3%	Pattern Type:	Plain
Morph. Type:	Flat	Relief:	No Data
Elem. Type:	Plain	Slope Category:	Very gently sloped
Slope:	1 %	Aspect:	No Data

Surface Soil Condition (dry): Hardsetting, Surface crust

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Haplic Eutrophic Brown Ferrosol Medium Clayey Clayey Deep		Principal Profile Form:	Uf6.21
ASC Confidence:		Great Soil Group:	Brown clay

No analytical data are available but confidence is fair.

Site Disturbance: Limited clearing, for example selective logging

Vegetation: Low Strata - Tussock grass, 0.51-1m, Mid-dense. *Species includes - Dichanthium species, Eulalia aurea, Aristida

Mid Strata - , , . *Species includes - None recorded

Tall Strata - Tree, 6.01-12m, Sparse. *Species includes - Eucalyptus crebra

Surface Coarse Fragments: 20-50%, cobbly, 60-200mm, subrounded, Basalt

Profile Morphology

A1	0 - 0.11 m	Dark brown (7.5YR3/2-Moist); ; Light clay; Moderate grade of structure, 10-20 mm, Subangular blocky; Moderate grade of structure, Platy; Dry; , Calcareous, , , , Gypseous, , ; Field pH 6 (Raupach, 0.05); Clear change to -
B21	0.11 - 0.65 m	Dark brown (7.5YR3/3-Moist); ; Medium heavy clay; Moderate grade of structure, 20-50 mm, Angular blocky; Moist; , Calcareous, , , , Gypseous, , ; Field pH 8.5 (Raupach, 0.3); Gradual change to -
B22	0.65 - 0.9 m	Dark brown (7.5YR3/4-Moist); ; Medium clay; Moderate grade of structure, 20-50 mm, Angular blocky; Moist; Very few (0 - 2 %), Calcareous, Medium (2 -6 mm), Nodules; , Gypseous, , ; Field pH 8.5 (Raupach, 0.8); Gradual change to -
B23	0.9 - 1.1 m	Dark brown (7.5YR3/4-Moist); ; Medium clay; Moderate grade of structure, 10-20 mm, Angular blocky; Moderate grade of structure, Lenticular; Moist; Common (10 - 20 %), Manganiferous, Medium (2 -6 mm), Nodules; Very few (0 - 2 %), Calcareous, Medium (2 -6 mm), Nodules; , Gypseous, , ; Field pH 8.5 (Raupach, 1);

Morphological Notes

Observation Notes

Site Notes

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 1377 **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			%
0 - 0.11	6.3A									
0.11 - 0.65	7.6A									
0.9 - 1.1	8.6A									

[illegible][illegible]

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrypmle Shire, QLD
Project Code: DLR **Site ID:** 1377 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Laboratory Analyses Completed for this profile

4A1 pH of 1:5 soil/water suspension