

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 1573 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	Rogers, Gary	Locality:	
Date Desc.:	30/10/92	Elevation:	No Data
Map Ref.:	Sheet No. : 8057 GPS	Rainfall:	No Data
Northing/Long.:	7785198 AMG zone: 55	Runoff:	Very slow
Easting/Lat.:	353626 Datum: AGD66	Drainage:	Poorly 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:	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): Cracking, Self-mulching

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Mottled Self-Mulching Black Vertosol Non-gravelly Very fine Very fine Deep		Principal Profile Form:	Ug5.28
ASC Confidence:		Great Soil Group:	Black earth

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, Sparse. *Species includes - Bothriochloa decipiens
Mid Strata - , , . *Species includes - None recorded
Tall Strata - Tree, 6.01-12m, Sparse. *Species includes - Eucalyptus brownii, Eucalyptus papuana

Surface Coarse Fragments: 0-2%, cobbly, 60-200mm, rounded, Basalt

Profile Morphology

A1	0 - 0.04 m	Very dark greyish brown (2.5Y3/2-Moist); ; Medium clay; Strong grade of structure, 5-10 mm, Polyhedral; Moderate grade of structure, <2 mm, Granular; Smooth-ped fabric; Dry; Strong consistence; , Calcareous, , , , Gypseous, , , ; Field pH 5.5 (Raupach, 0.02); Abrupt change to -
B21	0.04 - 0.4 m	Dark grey (5Y4/1-Moist); ; Medium heavy clay; Strong grade of structure, 50-100 mm, Angular blocky; Strong grade of structure, 20-50 mm, Angular blocky; Smooth-ped fabric; Dry; Strong consistence; 0-2%, fine gravelly, 2-6mm, subrounded, Quartz, coarse fragments; , Calcareous, , , , Gypseous, , , ; Field pH 7 (Raupach, 0.2); Gradual change to -
B22	0.4 - 0.9 m	Very dark greyish brown (2.5Y3/2-Moist); ; Medium heavy clay; Moderate grade of structure, Lenticular; Smooth-ped fabric; Moderately moist; Very firm consistence; Common cutans, 10-50% of ped faces or walls coated; , Calcareous, , , , Gypseous, , , ; Field pH 6.5 (Raupach, 0.7); Gradual change to -
B23	0.9 - 1.15 m	Very dark greyish brown (2.5Y3/2-Moist); Mottles, 2.5Y4/3, 2-10% , Distinct; Mottles, 2-10% ; Medium heavy clay; Moderate grade of structure, 20-50 mm, Angular blocky; Moderate grade of structure, Lenticular; Smooth-ped fabric; Moderately moist; Very firm consistence; Few cutans, <10% of ped faces or walls coated; , Calcareous, , , , Gypseous, , , ; Field pH 6 (Raupach, 1);

Morphological Notes

Observation Notes

Site Notes

Laboratory Test Results:

[illegible]

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrypmle Shire, QLD
Project Code: DLR **Site ID:** 1573 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Laboratory Analyses Completed for this profile

4A1 pH of 1:5 soil/water suspension