

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 1152 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	Rogers, Gary	Locality:	
Date Desc.:	02/06/92	Elevation:	380 metres
Map Ref.:	Sheet No. : 8058 GPS	Rainfall:	No Data
Northing/Long.:	7803780 AMG zone: 55	Runoff:	No Data
Easting/Lat.:	344046 Datum: AGD66	Drainage:	No Data

Geology

ExposureType:	No Data	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	No Data	Substrate Material:	Undisturbed soil core, Basalt

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): Self-mulching, Surface flake

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Endocalcareous Self-Mulching Black Vertosol Moderately gravelly Medium fine Very fine Deep		Principal Profile Form:	Ug5.12
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 - Eulalia aurea, Bothriochloa species, Cyperus species

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

Tall Strata - , , . *Species includes - None Recorded

Surface Coarse Fragments: 20-50%, stony, 200-600mm, rounded, Basalt

Profile Morphology

A11	0 - 0.08 m	Very dark grey (10YR3/1-Moist); ; Medium clay; Strong grade of structure, 5-10 mm, Polyhedral; , Calcareous, , , , Gypseous, , , ; Field pH 6.5 (Raupach, 0.03);
B21	0.08 - 0.4 m	Very dark grey (10YR3/1-Moist); ; Heavy clay; Moderate grade of structure, Angular blocky; Smooth-ped fabric; , Calcareous, , , , Gypseous, , , ; Field pH 7 (Raupach, 0.3);
B22	0.4 - 1.2 m	Very dark grey (10YR3/1-Moist); ; Heavy clay; Strong grade of structure, Lenticular; Smooth-ped fabric; 2-10%, coarse gravelly, 20-60mm, subrounded, Basalt, coarse fragments; Few (2 - 10 %), Calcareous, Medium (2 -6 mm), Nodules; , Gypseous, , , ; Field pH 7.5 (Raupach, 0.75);
R	1.2 - 1.21 m	Rock

Morphological Notes

Observation Notes

Site Notes

Laboratory Test Results:

[illegible]

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Laboratory Analyses Completed for this profile

4A1 pH of 1:5 soil/water suspension