

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 1106 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	Rogers, Gary	Locality:	
Date Desc.:	08/05/92	Elevation:	340 metres
Map Ref.:	Sheet No. : 8058 GPS	Rainfall:	No Data
Northing/Long.:	7815459 AMG zone: 55	Runoff:	No Data
Easting/Lat.:	354622 Datum: AGD66	Drainage:	No Data

Geology

Exposure Type:	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): Cracking, Self-mulching

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Endocalcareous Self-Mulching Grey Vertosol Moderately gravelly Medium fine Very fine Deep		Principal Profile Form:	Ug5.26
ASC Confidence:	No analytical data are available but confidence is fair.	Great Soil Group:	Black earth

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

Vegetation: Low Strata - Tussock grass, 0.26-0.5m, Closed or dense. *Species includes - Dichanthium sericeum, Eulalia aurea,
Aristida species Mid Strata - , , . *Species includes - None recorded

Tall Strata - Tree, 6.01-12m, Isolated plants. *Species includes - Eucalyptus papuana

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

Profile Morphology

A1	0 - 0.06 m	Very dark grey (10YR3/1-Moist); ; Medium clay; Strong grade of structure, 10-20 mm, Granular; Sandy (grains prominent) fabric; Few (2 - 10 %), Manganiferous, , Soft segregations; , Calcareous, , , Gypseous, , ; Field pH 7 (Raupach, 0.05); Abrupt change to -
B21	0.06 - 0.8 m	Dark grey (5Y4/1-Moist); ; Medium heavy clay; Strong grade of structure, 20-50 mm, Angular blocky; Smooth-ped fabric; Few cutans, <10% of ped faces or walls coated; Few (2 - 10 %), Manganiferous, , Soft segregations; , Calcareous, , , Gypseous, , ; Field pH 7 (Raupach, 0.8); Gradual change to -
B22	0.8 - 1 m	Dark grey (5Y4/1-Moist); ; Medium heavy clay; Strong grade of structure, 20-50 mm, Angular blocky; Smooth-ped fabric; Few cutans, <10% of ped faces or walls coated; Few (2 - 10 %), Manganiferous, , Soft segregations; Very few (0 - 2 %), Calcareous, Medium (2 -6 mm), Nodules; , Gypseous, , ; Soil matrix is Moderately calcareous; Field pH 8.5 (Raupach, 1);
R	1 - 1.01 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