

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 1104 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	Rogers, Gary	Locality:	
Date Desc.:	08/05/92	Elevation:	330 metres
Map Ref.:	Sheet No. : 8058 GPS	Rainfall:	No Data
Northing/Long.:	7818518 AMG zone: 55	Runoff:	No Data
Easting/Lat.:	356515 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, No Data

Land Form

Rel/Slope Class:	Level plain <9m <1%	Pattern Type:	Rises
Morph. Type:	Flat	Relief:	No Data
Elem. Type:	Valley flat	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 Black Vertosol Slightly gravelly Medium fine Very fine Very deep		Principal Profile Form:	Ug5.16
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, Sparse. *Species includes - Dichanthium sericeum, Eulalia aurea,
Chrysopogon fallax Mid Strata - , , . *Species includes - None recorded

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

Surface Coarse Fragments: 2-10%, medium gravelly, 6-20mm, angular, Calcrete

Profile Morphology

A1	0 - 0.12 m	Dark grey (10YR4/1-Moist); ; Medium clay; Strong grade of structure, 5-10 mm; , Calcareous, , , , Gypseous, , ; Soil matrix is Slightly calcareous; Field pH 8.5 (Raupach, 0.1); Clear change to -
B21	0.12 - 1 m	Very dark grey (10YR3/1-Moist); ; Medium heavy clay; Moderate grade of structure; Smooth-ped fabric; Very few (0 - 2 %), Calcareous, Fine (0 - 2 mm), Concretions; , Gypseous, , ; Soil matrix is Slightly calcareous; Field pH 8.5 (Raupach, 0.8); Gradual change to -
B22	1 - 2 m	Very dark greyish brown (10YR3/2-Moist); ; Light medium clay; Moderate grade of structure, Angular blocky; Smooth-ped fabric; Very few (0 - 2 %), Calcareous, Fine (0 - 2 mm), Concretions; , Gypseous, , ; Soil matrix is Moderately calcareous; Field pH 8.5 (Raupach, 2);

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