

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 1193 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	Rogers, Gary	Locality:	
Date Desc.:	16/06/92	Elevation:	No Data
Map Ref.:	Sheet No. : 8058 GPS	Rainfall:	No Data
Northing/Long.:	7823336 AMG zone: 55	Runoff:	No Data
Easting/Lat.:	384258 Datum: AGD66	Drainage:	Poorly drained

Geology

ExposureType:	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:	Flood plain
Morph. Type:	Open depression (vale)	Relief:	No Data
Elem. Type:	Drainage depression	Slope Category:	Level
Slope:	1 %	Aspect:	No Data

Surface Soil Condition (dry): Cracking

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Haplic Eutrophic Black Dermosol Medium Non-gravelly Clayey Clayey Deep		Principal Profile Form:	Uf6.32
ASC Confidence:	No analytical data are available but confidence is fair.	Great Soil Group:	No suitable group

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

Vegetation: Low Strata - Tussock grass, 0.26-0.5m, Mid-dense. *Species includes - Cenchrus species
Mid Strata - , , . *Species includes - None recorded
Tall Strata - , , . *Species includes - None Recorded

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A1	0 - 0.13 m	Greyish brown (2.5Y5/2-Moist); Biological mixing, 7.5YR56, 10-20% , Distinct; Biological mixing, 10-20% ; Fine sandy light medium clay; Moderate grade of structure, 20-50 mm, Platy; , Subangular blocky; Smooth-ped fabric; , Calcareous, , , , Gypseous, , , ; Field pH 5.5 (Raupach, 0.05); Clear change to -
B21	0.13 - 0.4 m	Very dark grey (10YR3/1-Moist); Biological mixing, 7.5YR56, 0-2% , Distinct; Biological mixing, 0-2% ; Medium heavy clay; Moderate grade of structure, 20-50 mm, Subangular blocky; Smooth-ped fabric; , Calcareous, , , , Gypseous, , , ; Field pH 7 (Raupach, 0.3); Gradual change to -
B22	0.4 - 0.7 m	Very dark grey (10YR3/1-Moist); , ; Medium heavy clay; Moderate grade of structure, Subangular blocky; Smooth-ped fabric; , Calcareous, , , , Gypseous, , , ; Field pH 7.5 (Raupach, 0.6); Gradual change to -
B23	0.7 - 1.1 m	Very dark grey (10YR3/1-Moist); , ; Medium heavy clay; Moderate grade of structure; Smooth-ped fabric; Common cutans, 10-50% of ped faces or walls coated; , Calcareous, , , , Gypseous, , , ; Field pH 8.5 (Raupach, 1);

Morphological Notes

Observation Notes

Site Notes

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Laboratory Test Results:

Depth	pH	1:5 EC	Exchangeable Cations			Exchangeable	CEC	ECEC		ESP
m		dS/m	Ca	Mg	K	Na Cmol (+)/kg	Acidity			%

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Laboratory Analyses Completed for this profile