

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 985 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	Bright, J (Mitch)	Locality:	
Date Desc.:	15/09/92	Elevation:	No Data
Map Ref.:	Sheet No. : 8057 GPS	Rainfall:	No Data
Northing/Long.:	7767026 AMG zone: 55	Runoff:	Very slow
Easting/Lat.:	383323 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:	Plain
Morph. Type:	Flat	Relief:	No Data
Elem. Type:	Swamp	Slope Category:	Level
Slope:	1 %	Aspect:	No Data

Surface Soil Condition (dry): Cracking, Trampled

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Haplic Massive Grey Vertosol Non-gravelly Medium fine Very fine Shallow		Principal Profile Form:	Ug5.5
ASC Confidence:		Great Soil Group:	Grey clay

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, <0.25m, Sparse. *Species includes - Cyperus species
Mid Strata - , , . *Species includes - None recorded
Tall Strata - Tree, 6.01-12m, Isolated plants. *Species includes - Eucalyptus tereticornis

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A1	0 - 0.12 m	Grey (10YR5/1-Moist); ; Medium clay; Weak grade of structure, 10-20 mm, Angular blocky; Smooth-ped fabric; Dry; , Calcareous, , ; , Gypseous, , ; Field pH 6 (Raupach, 0.1); Few, very fine (0-1mm) roots; Gradual change to -
B2	0.12 - 0.4 m	Grey (2.5Y5/0-Moist); ; Medium clay; Strong grade of structure, 5-10 mm, Angular blocky; Smooth-ped fabric; Dry; , Calcareous, , ; , Gypseous, , ; Field pH 6 (Raupach, 0.4);

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	Acidity		%
						Cmol (+)/kg			
0.12 - 0.4	5.8A								

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Laboratory Analyses Completed for this profile

4A1 pH of 1:5 soil/water suspension