

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 1181 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	Rogers, Gary	Locality:	
Date Desc.:	05/06/92	Elevation:	320 metres
Map Ref.:	Sheet No. : 8058 GPS	Rainfall:	No Data
Northing/Long.:	7796192 AMG zone: 55	Runoff:	No Data
Easting/Lat.:	380165 Datum: AGD66	Drainage:	Moderately well drained

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:	Plain
Morph. Type:	Flat	Relief:	No Data
Elem. Type:	Plain	Slope Category:	Very gently sloped
Slope:	2 %	Aspect:	No Data

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:	Mapping Unit:	N/A
Haplic Eutrophic Yellow Kandosol Medium Non-gravelly Loamy Clay-loamy Deep	Principal Profile Form:	Gn2.25
ASC Confidence:	Great Soil Group:	Yellow 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 - Aristida species, Heteropogon contortus, Chrysopogon fallax Mid Strata - Tree, 1.01-3m, Sparse. *Species includes - Melaleuca nervosa, Eucalyptus melanophloia

Tall Strata - Tree, 3.01-6m, Sparse. *Species includes - Melaleuca nervosa, Eucalyptus melanophloia

Surface Coarse Fragments: 20-50%, fine gravelly, 2-6mm, subrounded, Quartz

Profile Morphology

A11	0 - 0.1 m	Very dark greyish brown (10YR3/2-Moist); ; Sandy loam; Massive grade of structure; Earthy fabric; 2-10%, fine gravelly, 2-6mm, rounded, Quartz, coarse fragments; , Calcareous, , , , Gypseous, , , Field pH 6 (Raupach, 0.05); Clear change to -
A2	0.1 - 0.25 m	Dark yellowish brown (10YR4/4-Moist); ; Sandy clay loam; Massive grade of structure; Earthy fabric; 2-10%, fine gravelly, 2-6mm, rounded, Quartz, coarse fragments; , Calcareous, , , , Gypseous, , , Field pH 6 (Raupach, 0.2); Clear change to -
B21	0.25 - 0.6 m	Olive yellow (2.5Y6/6-Moist); ; Clay loam, sandy (Heavy); Massive grade of structure; Earthy fabric; 10-20%, fine gravelly, 2-6mm, rounded, Quartz, coarse fragments; , Calcareous, , , , Gypseous, , , Field pH 7 (Raupach, 0.4); Clear change to -
B3	0.6 - 1.2 m	Yellowish brown (10YR5/4-Moist); ; Sandy clay loam; Massive grade of structure; Sandy (grains prominent) fabric; 50-90%, fine gravelly, 2-6mm, subangular, Ironstone, coarse fragments; , Calcareous, , , , Gypseous, , , Field pH 6 (Raupach, 0.8);

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	%
0 - 0.1	5.6A							
0.1 - 0.25	5.8A							
0.25 - 0.6	5.8A							
0.6 - 1.2	5.3A							

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Laboratory Analyses Completed for this profile

4A1 pH of 1:5 soil/water suspension