

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 1288 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	Rogers, Gary	Locality:	
Date Desc.:	22/07/92	Elevation:	360 metres
Map Ref.:	Sheet No. : 8059 GPS	Rainfall:	No Data
Northing/Long.:	7877007 AMG zone: 55	Runoff:	Very slow
Easting/Lat.:	362601 Datum: AGD66	Drainage:	Moderately well 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:	Undulating rises 9-30m 3-10%	Pattern Type:	No Data
Morph. Type:	Crest	Relief:	No Data
Elem. Type:	No Data	Slope Category:	Level
Slope:	2 %	Aspect:	No Data

Surface Soil Condition (dry): Hardsetting, Poached

Erosion:

Soil Classification

Australian Soil Classification:	Mapping Unit:	N/A
Mottled Eutrophic Brown Kandosol Clay-loamy Non-gravelly Clay-loamy Clayey Moderately deep	Principal Profile Form:	Gn2.64
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 - , , . *Species includes - Themeda triandra, Heteropogon contortus, TRIODIA SPECIES ?
Mid Strata - Tree, 1.01-3m, Sparse. *Species includes - Acacia nervosa, Eucalyptus shirleyi
Tall Strata - Tree, 3.01-6m, Sparse. *Species includes - Eucalyptis leichardtii, Eucalyptus shirleyi, Acacia

nervosa

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A11	0 - 0.12 m	Very dark greyish brown (10YR3/2-Moist); ; Sandy clay loam; Massive grade of structure; Earthy fabric; , Calcareous, , , , Gypseous, , , ; Field pH 6 (Raupach, 0.05); Clear change to -
A12	0.12 - 0.28 m	Yellowish brown (10YR5/4-Moist); ; Clay loam, sandy; Massive grade of structure; Earthy fabric; , Calcareous, , , , Gypseous, , , ; Field pH 6 (Raupach, 0.2); Abrupt change to -
B2	0.28 - 0.6 m	Yellowish brown (10YR5/6-Moist); Mottles, 10YR58, 2-10% , Distinct; Mottles, 2-10% ; Sandy light clay; Massive grade of structure; Weak grade of structure, 2-5 mm, Polyhedral; Earthy fabric; 10-20%, fine gravelly, 2-6mm, subrounded, Quartz, coarse fragments; , Calcareous, , , , Gypseous, , , ; Field pH 6 (Raupach, 0.5);

Morphological Notes

Observation Notes

Site Notes

Laboratory Test Results:

0 - 0.12	5.9A
0.12 - 0.28	6.4A

0 - 0.12
0.12 - 0.28

0 - 0.12
0.12 - 0.28

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Laboratory Analyses Completed for this profile

4A1 pH of 1:5 soil/water suspension