

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 1182 **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.:	7796136 AMG zone: 55	Runoff:	No Data
Easting/Lat.:	381767 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:	Undulating plains <9m 3-10%	Pattern Type:	Plain
Morph. Type:	Lower-slope	Relief:	No Data
Elem. Type:	Hillslope	Slope Category:	Gently inclined
Slope:	5 %	Aspect:	180 degrees

Surface Soil Condition (dry): Firm

Erosion:

Soil Classification

Australian Soil Classification:	Mapping Unit:	N/A
Bleached-Mottled Eutrophic Yellow Chromosol Thick Non-gravelly Sandy Clayey Moderately deep	Principal Profile Form:	Dy3.81
ASC Confidence:	Great Soil Group:	Yellow podzolic soil

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 - Themeda triandra, Chrysopogon fallax, Heteropogon triticeus Mid Strata - Tree, 1.01-3m, Sparse. *Species includes - Petalostigma pubescens, Eucalyptus crebra, Eucalyptus

Tall Strata - Tree, 6.01-12m, Sparse. *Species includes - Eucalyptus crebra, Eucalyptus polycarpa, Eucalyptus

Surface Coarse Fragments: 0-2%, fine gravelly, 2-6mm, subrounded, Quartz

Profile Morphology

A11	0 - 0.09 m	Very dark greyish brown (10YR3/2-Moist); ; Clayey sand; Massive grade of structure; Sandy (grains prominent) fabric; 20-50%, fine gravelly, 2-6mm, subrounded, Quartz, coarse fragments; , Calcareous, , , ; Gypseous, , ; Clear change to -
A2	0.09 - 0.4 m	Brown (10YR4/3-Moist); ; Clayey sand; Massive grade of structure; Sandy (grains prominent) fabric; 20-50%, fine gravelly, 2-6mm, subrounded, Quartz, coarse fragments; , Calcareous, , , ; Gypseous, , ; Clear change to -
A3	0.4 - 0.52 m	Pale brown (10YR6/3-Moist); ; Clayey sand; Massive grade of structure; Sandy (grains prominent) fabric; 20-50%, fine gravelly, 2-6mm, subrounded, Quartz, coarse fragments; , Calcareous, , , ; Gypseous, , ; Clear change to -
B2	0.52 - 0.6 m	Light yellowish brown (2.5Y6/4-Moist); Mottles, 10YR56, 10-20% , Prominent; Mottles, 10-20% ; Light medium clay; Massive grade of structure; Earthy fabric; 20-50%, fine gravelly, 2-6mm, subrounded, Quartz, coarse fragments; , Calcareous, , , ; Gypseous, , ;

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