

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 1310 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	Rogers, Gary	Locality:	
Date Desc.:	03/08/92	Elevation:	No Data
Map Ref.:	Sheet No. : 8160 GPS	Rainfall:	No Data
Northing/Long.:	7898170 AMG zone: 55	Runoff:	Moderately rapid
Easting/Lat.:	296635 Datum: AGD66	Drainage:	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 low hills 30-90m 3-10%	Pattern Type:	Low hills
Morph. Type:	Simple-slope	Relief:	No Data
Elem. Type:	Hillslope	Slope Category:	Gently inclined
Slope:	8 %	Aspect:	No Data

Surface Soil Condition (dry): Firm

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Haplic Mesotrophic Brown Chromosol Thick Moderately gravelly Sandy Clay-loamy Moderately deep		Principal Profile Form:	Dy4.51
ASC Confidence:		Great Soil Group:	Gleyed podzolic soil
No analytical data are available but confidence is fair.			

Site Disturbance: Limited clearing, for example selective logging

Vegetation: Low Strata - Tussock grass, 0.51-1m, Mid-dense. *Species includes - Themeda triandra, Heteropogon triticeus
Mid Strata - Tree, 3.01-6m, Isolated plants. *Species includes - Casuarina torulosa, Bloodwood, Xanthorrhoea

species

Tall Strata - Tree, 6.01-12m, Sparse. *Species includes - Eucalyptus intermedia, Eucalyptus acmenoides

Surface Coarse Fragments: 20-50%, medium gravelly, 6-20mm, angular, Quartz

Profile Morphology

A11	0 - 0.08 m	Very dark grey (10YR3/1-Moist); ; Sandy loam (Light); Weak grade of structure, 2-5 mm, Granular; Rough-ped fabric; Dry; Very weak consistence; 10-20%, fine gravelly, 2-6mm, angular, dispersed, Quartz, coarse fragments; , Calcareous, , ; , Gypseous, , ; Field pH 6 (Raupach, 0.05); Abrupt change to -
A12	0.08 - 0.2 m	Dark greyish brown (10YR4/2-Moist); ; Sandy loam (Light); Massive grade of structure; Sandy (grains prominent) fabric; Dry; Very weak consistence; 20-50%, fine gravelly, 2-6mm, angular, dispersed, Quartz, coarse fragments; , Calcareous, , ; , Gypseous, , ; Field pH 6.5 (Raupach, 0.2); Abrupt change to -
A13	0.2 - 0.3 m	Brown (10YR4/3-Moist); ; Clayey sand; Massive grade of structure; Sandy (grains prominent) fabric; Dry; Very weak consistence; 20-50%, fine gravelly, 2-6mm, angular, dispersed, Quartz, coarse fragments; , Calcareous, , ; , Gypseous, , ; Field pH 6 (Raupach, 0.25); Clear change to -
A14	0.3 - 0.45 m	Yellowish brown (10YR5/4-Moist); ; Sandy loam (Light); Massive grade of structure; Sandy (grains prominent) fabric; Dry; Very weak consistence; 20-50%, fine gravelly, 2-6mm, angular, dispersed, Quartz, coarse fragments; , Calcareous, , ; , Gypseous, , ; Field pH 6 (Raupach, 0.4); Abrupt change to -
B2	0.45 - 0.55 m	Yellowish brown (10YR5/4-Moist); ; Sandy clay loam; Massive grade of structure; Earthy fabric; Dry; Weak consistence; 20-50%, fine gravelly, 2-6mm, angular, dispersed, Quartz, coarse fragments; , Calcareous, , ; , Gypseous, , ; Field pH 5.5 (Raupach, 0.5);

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