

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 1870 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	Barry, Earl	Locality:	
Date Desc.:	07/09/93	Elevation:	No Data
Map Ref.:	Sheet No. : 7859 GPS	Rainfall:	No Data
Northing/Long.:	7851644 AMG zone: 55	Runoff:	Very rapid
Easting/Lat.:	271204 Datum: AGD66	Drainage:	Well drained

Geology

Exposure Type:	No Data	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	No Data	Substrate Material:	Undisturbed soil core, Sandstone

Land Form

Rel/Slope Class:	Rolling low hills 30-90m 10-	Pattern Type:	Low hills
Morph. Type:	Upper-slope	Relief:	No Data
Elem. Type:	Hillslope	Slope Category:	Moderately inclined
Slope:	10 %	Aspect:	No Data

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Haplic Eutrophic Red Chromosol		Principal Profile Form:	Dr2.43
ASC Confidence:		Great Soil Group:	N/A

No analytical data are available but confidence is fair.

Site Disturbance: No effective disturbance other than grazing by hoofed animals

Vegetation: Low Strata - Hummock grass, 0.26-0.5m, Sparse. *Species includes - Triodia mitchellii
Mid Strata - Tree, 1.01-3m, Sparse. *Species includes - Eucalyptus shirleyi
Tall Strata - Tree, 3.01-6m, Sparse. *Species includes - Eucalyptus shirleyi, Eucalyptus papuana

Surface Coarse Fragments: 10-20%, coarse gravelly, 20-60mm, subangular, Quartz

Profile Morphology

A11	0 - 0.16 m	Yellowish brown (10YR5/8-Moist); ; Loamy sand (Heavy); Single grain grade of structure; Dry; Weak consistence; , Calcareous, , , , Gypseous, , , Field pH 6.5 (Raupach, 0.05); Abrupt change to -
A2e	0.16 - 0.2 m	Brownish yellow (10YR6/6-Moist); ; Sandy loam (Heavy); Single grain grade of structure; Dry; Weak consistence; , Calcareous, , , , Gypseous, , , Field pH 6.5 (Raupach, 0.2); Abrupt change to -
B21	0.2 - 0.3 m	Red (2.5YR4/8-Moist); ; Sandy light medium clay; Moderate grade of structure, 10-20 mm, Angular blocky; Smooth-ped fabric; Moderately moist; Very firm consistence; , Calcareous, , , , Gypseous, , , Field pH 7 (Raupach, 0.25); Clear change to -
BC	0.3 - 0.5 m	Brownish yellow (10YR6/6-Moist); ; Sandy light clay; Weak grade of structure, 10-20 mm, Angular blocky; Rough-ped fabric; Dry; Strong consistence; , Calcareous, , , , Gypseous, , , Field pH 8.5 (Raupach, 0.4); Gradual change to -
C	0.5 - 0.7 m	Yellowish brown (10YR5/6-Moist); ; Sandy light clay; Massive grade of structure; Dry; , Calcareous, , , , Gypseous, , , Field pH 9 (Raupach, 0.7);

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			%

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Laboratory Analyses Completed for this profile