

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 1871 **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.:	7851184 AMG zone: 55	Runoff:	Very rapid
Easting/Lat.:	271619 Datum: AGD66	Drainage:	Rapidly 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:	Mid-slope	Relief:	No Data
Elem. Type:	Hillslope	Slope Category:	Moderately inclined
Slope:	%	Aspect:	No Data

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Haplic Eutrophic Red Dermosol		Principal Profile Form:	Gn3.72
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 - Tussock grass, 0.26-0.5m, Sparse. *Species includes - Themeda triandra, Heteropogon contortus, Aristida
species Mid Strata - Tree, 1.01-3m, Sparse. *Species includes - Eucalyptus crebra

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

Surface Coarse Fragments: 2-10%, medium gravelly, 6-20mm, subangular platy, Sandstone

Profile Morphology

A11	0 - 0.09 m	Brown (10YR4/3-Moist); ; Clay loam, sandy; Massive grade of structure; Earthy fabric; Dry; Firm consistence; 10-20%, coarse gravelly, 20-60mm, subangular platy, Sandstone, coarse fragments; , Calcareous, , ; , Gypseous, , ; Field pH 6 (Raupach, 0.05); Clear change to -
B21	0.09 - 0.2 m	Yellowish red (5YR5/8-Moist); ; Sandy light clay; Weak grade of structure, 10-20 mm, Subangular blocky; Smooth-ped fabric; Dry; Very firm consistence; 2-10%, coarse gravelly, 20-60mm, subangular platy, Sandstone, coarse fragments; , Calcareous, , ; , Gypseous, , ; Field pH 6 (Raupach, 0.15); Clear change to -
BC	0.2 - 0.4 m	Strong brown (7.5YR4/6-Moist); Substrate influence, 2.5Y66, 2-10% , 5-15mm, Distinct; Substrate influence, 2-10% ; Sandy light clay; Moderate grade of structure, 10-20 mm, Subangular blocky; Rough-ped fabric; Dry; Very firm consistence; 2-10%, coarse gravelly, 20-60mm, subangular platy, Sandstone, coarse fragments; , Calcareous, , ; , Gypseous, , ; Field pH 6 (Raupach, 0.3); Gradual change to -
C	0.4 - 0.5 m	Red (2.5YR5/6-Moist); ; Strong grade of structure, 10-20 mm, Platy; Dry; Firm consistence; , Calcareous, , ; , Gypseous, , ; Field pH 7 (Raupach, 0.5);

Morphological Notes

Observation Notes

Site Notes

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Laboratory Test Results:

Depth	pH	1:5 EC	Exchangeable Cations			Exchangeable Acidity		CEC	ECEC	ESP
m		dS/m	Ca	Mg	K	Na				%
						Cmol (+)/kg				

Depth	CaCO3	Organic C	Avail. P	Total P	Total N	Total K	Bulk Density	Particle Size	Analysis
m	%	%	mg/kg	%	%	%	Mg/m3	GV CS FS	Silt Clay
								%	

Depth	COLE	Gravimetric/Volumetric Water Contents						K sat	K unsat
		Sat.	0.05 Bar	0.1 Bar	0.5 Bar	1 Bar	5 Bar	15 Bar	
m					g/g - m3/m3				mm/h mm/h

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Laboratory Analyses Completed for this profile