

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 2264 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	Rogers, Gary	Locality:	
Date Desc.:	24/08/93	Elevation:	No Data
Map Ref.:	Sheet No. : 7859 GPS	Rainfall:	No Data
Northing/Long.:	7877274 AMG zone: 55	Runoff:	Rapid
Easting/Lat.:	277109 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 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:	5 %	Aspect:	No Data

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Haplic Eutrophic Red Dermosol Thin Gravelly Clay-loamy Clayey Very shallow		Principal Profile Form:	Gn3.12
ASC Confidence:		Great Soil Group:	No suitable

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, Mid-dense. *Species includes - None recorded
Mid Strata - Tree, 3.01-6m, Very sparse. *Species includes - Eucalyptus crebra, Eucalyptus erythrophloia
Tall Strata - Tree, 6.01-12m, Sparse. *Species includes - Eucalyptus crebra, Eucalyptus erythrophloia

Surface Coarse Fragments: 10-20%, medium gravelly, 6-20mm, angular,

Profile Morphology

A	0 - 0.05 m	Dark reddish brown (5YR3/4-Moist); ; Clay loam; Moderate grade of structure, 10-20 mm, Subangular blocky; Smooth-ped fabric; Dry; Firm consistence; 2-10%, fine gravelly, 2-6mm, angular, Metamorphic rock (unidentified), coarse fragments; , Calcareous, , , , Gypseous, , ; Field pH 6 (Raupach, 0.04); Clear change to -
B	0.05 - 0.15 m	Dark reddish brown (5YR3/4-Moist); ; Light clay; Moderate grade of structure, 10-20 mm, Subangular blocky; Smooth-ped fabric; Moderately moist; Firm consistence; 10-20%, fine gravelly, 2-6mm, angular, Metamorphic rock (unidentified), coarse fragments; , Calcareous, , , , Gypseous, , ; Field pH 6.5 (Raupach, 0.1); Clear change to -
C1	0.15 - 0.5 m	; , Calcareous, , , , Gypseous, , ; Field pH 7 (Raupach, 0.4);
C2	0.5 - 1.4 m	Olive brown (2.5Y4/4-Moist); ; Sandy clay loam (Heavy); , Calcareous, , , , Gypseous, , ; Field pH 8 (Raupach, 1);

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
m		Sat.	0.05 Bar	0.1 Bar	0.5 Bar	1 Bar	5 Bar	15 Bar	
					g/g -	m3/m3			mm/h

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Laboratory Analyses Completed for this profile