

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 2160 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	Barry, Earl	Locality:	
Date Desc.:	03/08/93	Elevation:	No Data
Map Ref.:	Sheet No. : 8254 GPS	Rainfall:	No Data
Northing/Long.:	7617083 AMG zone: 55	Runoff:	Rapid
Easting/Lat.:	449978 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, Sandstone

Land Form

Rel/Slope Class:	Gently undulating plains <9m 1-3%	Pattern Type:	Plain
Morph. Type:	No Data	Relief:	No Data
Elem. Type:	Plain	Slope Category:	Very gently sloped
Slope:	3 %	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:	Uf6.31
ASC Confidence:		Great Soil Group:	No suitable

No analytical data are available but confidence is fair.

Site Disturbance: Extensive clearing, for example poisoning, ringbarking

Vegetation: Low Strata - Tussock grass, 0.26-0.5m, Very sparse. *Species includes - None recorded
Mid Strata - , , . *Species includes - None recorded
Tall Strata - Tree, 6.01-12m, Very sparse. *Species includes - Eucalyptus papuana, Eucalyptus brownii

Surface Coarse Fragments: 10-20%, cobbly, 60-200mm, subangular platy, Sandstone

Profile Morphology

A11	0 - 0.06 m	Dark brown (10YR3/3-Moist); ; Light clay; Massive grade of structure; Earthy fabric; Dry; Very firm consistence; , Calcareous, , ; , Gypseous, , ; Field pH 6 (Raupach, 0.03);
B21	0.06 - 0.5 m	Dark reddish brown (5YR3/4-Moist); ; Medium heavy clay; Moderate grade of structure, 20-50 mm, Angular blocky; Smooth-ped fabric; Dry; Very strong consistence; 2-10%, medium gravelly, 6-20mm, subangular, Sandstone, coarse fragments; , Calcareous, , ; , Gypseous, , ; Field pH 6 (Raupach, 0.4); Field pH 6.5 (Raupach, 0.5);
C	0.5 - 0.6 m	; Dry; , Calcareous, , ; , Gypseous, , ;

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 mm/h

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Laboratory Analyses Completed for this profile