

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 1642 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	M.G. Cannon	Locality:	
Date Desc.:	22/04/93	Elevation:	No Data
Map Ref.:	Sheet No. : 7958 GPS	Rainfall:	No Data
Northing/Long.:	7810777 AMG zone: 55	Runoff:	No Data
Easting/Lat.:	326338 Datum: AGD66	Drainage:	No Data

Geology

Exposure Type:	No Data	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	No Data	Substrate Material:	No Data

Land Form

Rel/Slope Class:	No Data	Pattern Type:	No Data
Morph. Type:	Flat	Relief:	No Data
Elem. Type:	Plain	Slope Category:	Very gently sloped
Slope:	1 %	Aspect:	No Data

Surface Soil Condition (dry): Firm

Erosion:

Soil Classification

Australian Soil Classification:	Mapping Unit:	N/A
No Available Class Lithic Leptic Rudosol Very gravelly Clay-loamy Clayey Very shallow	Principal Profile Form:	Um
ASC Confidence:	Great Soil Group:	Euchrozem
Confidence level not specified		

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

Vegetation: Low Strata - Tussock grass, 0.26-0.5m, Sparse. *Species includes - Bothriochloa ewartiana, Heteropogon contortus,
Bothriochloa decipiens Mid Strata - Tree, 1.01-3m, Sparse. *Species includes - Eucalyptus crebra
Tall Strata - Tree, 12.01-20m, Isolated plants. *Species includes - Eucalyptus crebra

Surface Coarse Fragments: 50-90%, stony, 200-600mm, rounded, Basalt

Profile Morphology

A11	0 - 0.02 m	Dark reddish brown (5YR3/3-Moist); ; Clay loam; Weak grade of structure, 2-5 mm, Platy; Earthy fabric; Dry; Weak consistence; , Calcareous, , ; , Gypseous, , ; Field pH 6 (pH meter, 0.02); Clear change to -
A12	0.02 - 0.1 m	Dark reddish brown (2.5YR3/3-Moist); ; Light clay; Weak grade of structure, 20-50 mm, Subangular blocky; Earthy fabric; Dry; Very firm consistence; , Calcareous, , ; , Gypseous, , ;
R	0.1 - 0.11 m	Rock

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