

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 2419 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	Rogers, Gary	Locality:	
Date Desc.:	12/05/94	Elevation:	No Data
Map Ref.:	Sheet No. : 8060 GPS	Rainfall:	No Data
Northing/Long.:	7939110 AMG zone: 55	Runoff:	Slow
Easting/Lat.:	366003 Datum: AGD66	Drainage:	Well drained

Geology

ExposureType:	No Data	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	No Data	Substrate Material:	Granite

Land Form

Rel/Slope Class:	Undulating rises 9-30m 3-10%	Pattern Type:	Rises
Morph. Type:	No Data	Relief:	No Data
Elem. Type:	Hillslope	Slope Category:	Gently inclined
Slope:	5 %	Aspect:	No Data

Surface Soil Condition (dry): Soft

Erosion:

Soil Classification

Australian Soil Classification:	Mapping Unit:	N/A
Haplic Eutrophic Yellow Chromosol Very thick Slightly gravelly Sandy Clayey Deep	Principal Profile Form:	Dy4.11
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, 0.51-1m, Mid-dense. *Species includes - Themeda triandra, Heteropogon triticeus, Panicum species Mid Strata - Tree, 3.01-6m, Sparse. *Species includes - Casuarina torulosa, Acacia aulacocarpa

Tall Strata - Tree, 12.01-20m, Sparse. *Species includes - Lophostemon suaveolens, Eucalyptus polycarpa, Casuarina torulosa

Surface Coarse Fragments: 2-10%, fine gravelly, 2-6mm, subangular, Quartz

Profile Morphology

A11	0 - 0.15 m	Very dark grey (10YR3/1-Moist); ; Loamy coarse sand; Massive grade of structure; Sandy (grains prominent) fabric; Moist; 50-90%, fine gravelly, 2-6mm, subangular, Quartz, coarse fragments; , Calcareous, , , , Gypseous, , ; Field pH 6 (Raupach, 0.1); Clear change to -
A12	0.15 - 0.25 m	Dark greyish brown (10YR4/2-Moist); ; Clayey coarse sand; Massive grade of structure; Sandy (grains prominent) fabric; Moist; 50-90%, fine gravelly, 2-6mm, subangular, Quartz, coarse fragments; , Calcareous, , , , Gypseous, , ; Field pH 6 (Raupach, 0.2); Clear change to -
A13	0.25 - 0.9 m	Light yellowish brown (2.5Y6/4-Moist); ; Clayey coarse sand; Massive grade of structure; Sandy (grains prominent) fabric; Moist; 50-90%, fine gravelly, 2-6mm, subangular, Quartz, coarse fragments; , Calcareous, , , , Gypseous, , ; Field pH 6 (Raupach, 0.6); Gradual change to -
B21	0.9 - 1.3 m	Olive yellow (2.5Y6/6-Moist); ; Coarse sandy light medium clay; Moderate grade of structure, 2-5 mm, Granular; Moist; 10-20%, fine gravelly, 2-6mm, subangular, Quartz, coarse fragments; , Calcareous, , , , Gypseous, , ; Field pH 6 (Raupach, 1.2);

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