

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 2407 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	Rogers, Gary	Locality:	
Date Desc.:	10/05/94	Elevation:	No Data
Map Ref.:	Sheet No. : 8060 GPS	Rainfall:	No Data
Northing/Long.:	7900954 AMG zone: 55	Runoff:	Rapid
Easting/Lat.:	374531 Datum: AGD66	Drainage:	Rapidly drained

Geology

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

Land Form

Rel/Slope Class:	Rolling low hills 30-90m 10-32%	Pattern Type:	Low hills
Morph. Type:	Crest	Relief:	No Data
Elem. Type:	Hillcrest	Slope Category:	Moderately inclined
Slope:	4 %	Aspect:	No Data

Surface Soil Condition (dry): Hardsetting, Soft

Erosion:

Soil Classification

Australian Soil Classification:	Basic Paralithic Orthic Tenosol Thick Very gravelly Sandy Sandy Moderately deep	Mapping Unit:	N/A
		Principal Profile Form:	Uc1.22

ASC Confidence:	No analytical data are available but confidence is fair.	Great Soil Group:	N/A
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Site Disturbance: Limited clearing, for example selective logging

Vegetation: Low Strata - Tussock grass, 0.26-0.5m, Sparse. *Species includes - Bothriochloa decipiens, Aristida species, Heteropogon contortus Mid Strata - Tree, 1.01-3m, Very sparse. *Species includes - Eucalyptus shirleyi, Pleiogynium cerasiferum

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

Surface Coarse Fragments: 50-90%, fine gravelly, 2-6mm, angular, Granite

Profile Morphology

A11	0 - 0.1 m	Very dark greyish brown (10YR3/2-Moist); ; Loamy coarse sand; Massive grade of structure; Sandy (grains prominent) fabric; Dry; 10-20%, fine gravelly, 2-6mm, subangular, Quartz, coarse fragments; , Calcareous, , , , Gypseous, , , Field pH 6 (Raupach, 0.05); Clear change to -
A12	0.1 - 0.25 m	Dark yellowish brown (10YR3/4-Moist); ; Clayey coarse sand; Massive grade of structure; Sandy (grains prominent) fabric; Dry; 20-50%, coarse gravelly, 20-60mm, subangular, Granite, coarse fragments; , Calcareous, , , , Gypseous, , , Field pH 6 (Raupach, 0.2); Clear change to -
A13	0.25 - 0.4 m	Dark yellowish brown (10YR4/4-Moist); ; Clayey coarse sand; Massive grade of structure; Sandy (grains prominent) fabric; Dry; 20-50%, fine gravelly, 2-6mm, subangular, Quartz, coarse fragments; , Calcareous, , , , Gypseous, , , Field pH 6 (Raupach, 0.3); Clear change to -
	0.4 - 0.5 m	Yellowish brown (10YR5/8-Moist); ; Clayey coarse sand (Heavy); Massive grade of structure; Sandy (grains prominent) fabric; 20-50%, fine gravelly, 2-6mm, subangular, Quartz, coarse fragments; , Calcareous, , , , Gypseous, , , Field pH 6 (Raupach, 0.5);

Morphological Notes

Observation Notes

Site Notes

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Laboratory Test Results:

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