

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 1292 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	Rogers, Gary	Locality:	
Date Desc.:	23/07/92	Elevation:	400 metres
Map Ref.:	Sheet No. : 8059 GPS	Rainfall:	No Data
Northing/Long.:	7857320 AMG zone: 55	Runoff:	Rapid
Easting/Lat.:	357203 Datum: AGD66	Drainage:	Well drained

Geology

Exposure Type:	No Data	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	No Data	Substrate Material:	Undisturbed soil core, Granite

Land Form

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

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Basic Lithic Orthic Tenosol Thick Gravelly Sandy Sandy Shallow		Principal Profile Form:	Uc5.22
ASC Confidence:		Great Soil Group:	Siliceous sand

All necessary analytical data are available.

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

Vegetation: Low Strata - Tussock grass, 0.26-0.5m, Sparse. *Species includes - Cleistochloa subjuncea, Chrysopogon fallax,

Heteropogon contortus Mid Strata - , , . *Species includes - None recorded

Tall Strata - Tree, 3.01-6m, Sparse. *Species includes - Eucalyptus shirleyi

Surface Coarse Fragments: 10-20%, fine gravelly, 2-6mm, angular, Quartz

Profile Morphology

A11	0 - 0.06 m	Dark brown (7.5YR3/4-Moist); ; Loamy sand; Massive grade of structure; Sandy (grains prominent) fabric; 10-20%, fine gravelly, 2-6mm, angular, Granulite, coarse fragments; , Calcareous, , , , Gypseous, , , Field pH 6 (Raupach, 0.02); Abrupt change to -
A12	0.06 - 0.3 m	Yellowish red (5YR4/6-Moist); ; Clayey sand; Massive grade of structure; Earthy fabric; 20-50%, fine gravelly, 2-6mm, angular, Granulite, coarse fragments; , Calcareous, , , , Gypseous, , , Field pH 6.5 (Raupach, 0.2); Clear change to -
B3	0.3 - 0.45 m	Strong brown (7.5YR5/6-Moist); ; Clayey sand; Massive grade of structure; Earthy fabric; 50-90%, fine gravelly, 2-6mm, angular, Granulite, coarse fragments; , Calcareous, , , , Gypseous, , , Field pH 6.5 (Raupach, 0.4);

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 Cmol (+)/kg	Acidity			%

Depth	CaCO3	Organic C	Avail. P	Total P	Total N	Total K	Bulk Density	Particle GV	Size CS	Analysis FS	Silt	Clay
m	%	%	mg/kg	%	%	%	Mg/m3			%		

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