

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 421 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	M. DeCorte	Locality:	
Date Desc.:	19/09/91	Elevation:	340 metres
Map Ref.:	Sheet No. : 8157 GPS	Rainfall:	No Data
Northing/Long.:	7747112 AMG zone: 55	Runoff:	Very rapid
Easting/Lat.:	398654 Datum: AGD66	Drainage:	Well drained

Geology

ExposureType:	No Data	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	No Data	Substrate Material:	Existing vertical exposure, Rhyolite

Land Form

Rel/Slope Class:	Rolling rises 9-30m 10-32%	Pattern Type:	Rises
Morph. Type:	Mid-slope	Relief:	No Data
Elem. Type:	Hillslope	Slope Category:	Gently inclined
Slope:	10 %	Aspect:	No Data

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Basic Paralithic Leptic Rudosol Moderately gravelly Sandy Very shallow		Principal Profile Form:	Uc1.44
ASC Confidence:		Great Soil Group:	Lithosol
No analytical data are available but confidence is fair.			

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

Vegetation: Low Strata - , , . *Species includes - None recorded
 Mid Strata - , , . *Species includes - None recorded
 Tall Strata - Tree, 1.01-3m, Very sparse. *Species includes - Eucalyptus shirleyi, Acacia species

Surface Coarse Fragments: 20-50%, coarse gravelly, 20-60mm, angular, Rhyolite

Profile Morphology

A1	0 - 0.15 m	Dark brown (7.5YR3/2-Moist); ; Loamy sand; Massive grade of structure; Earthy fabric; Dry; Firm consistence; 20-50%, coarse gravelly, 20-60mm, angular, Rhyolite, coarse fragments; , Calcareous, , , , Gypseous, , , ; Field pH 6 (Raupach, 0.05); Clear, Wavy change to -
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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