

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 342 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	M. DeCorte	Locality:	
Date Desc.:	31/07/91	Elevation:	360 metres
Map Ref.:	Sheet No. : 8157 GPS	Rainfall:	No Data
Northing/Long.:	7736495 AMG zone: 55	Runoff:	Rapid
Easting/Lat.:	434409 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, Siltstone

Land Form

Rel/Slope Class:	Steep hills 90-300m 32-56%	Pattern Type:	Hills
Morph. Type:	Upper-slope	Relief:	No Data
Elem. Type:	Hillslope	Slope Category:	Moderately inclined
Slope:	12 %	Aspect:	180 degrees

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Basic Paralithic Leptic Rudosol Moderately gravelly Loamy Very shallow		Principal Profile Form:	Uc1.23

ASC Confidence:

All necessary analytical data are available.

Great Soil Group: Lithosol

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

Vegetation: Low Strata - Tussock grass, 0.26-0.5m, Very sparse. *Species includes - Eragrostis species
Mid Strata - Tree, 1.01-3m, Mid-dense. *Species includes - Eremophila mitchellii, Eucalyptus microneura,

Acacia

Tall Strata - Tree, 6.01-12m, Closed or dense. *Species includes - Eucalyptus microneura, Acacia rhodoxylon

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

Profile Morphology

A	0 - 0.1 m	Brown (10YR4/3-Moist); ; Sandy loam; Massive grade of structure; Earthy fabric; Dry; Firm consistence; 50-90%, medium gravelly, 6-20mm, angular, dispersed, Siltstone, coarse fragments; ; Calcareous, ; ; Gypseous, ; ; Field pH 7.5 (Raupach, 0.05); Clear, Tongued
R	0.1 - 0.2 m	Rock

Morphological Notes

Observation Notes

Site Notes

Laboratory Test Results:

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 - m ³ /m ³				mm/h	mm/h

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Laboratory Analyses Completed for this profile