

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 1321 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	Rogers, Gary	Locality:	
Date Desc.:	04/08/92	Elevation:	No Data
Map Ref.:	Sheet No. : 8059 GPS	Rainfall:	No Data
Northing/Long.:	7892014 AMG zone: 55	Runoff:	Rapid
Easting/Lat.:	374991 Datum: AGD66	Drainage:	Rapidly drained

Geology

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

Land Form

Rel/Slope Class:	Steep hills 90-300m 32-56%	Pattern Type:	Hills
Morph. Type:	Ridge	Relief:	No Data
Elem. Type:	Hillslope	Slope Category:	Steep
Slope:	35 %	Aspect:	No Data

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Haplic Eutrophic Red Kandosol Thick Very gravelly Loamy Clay-loamy Deep		Principal Profile Form:	Gn2.12
ASC Confidence:	No analytical data are available but confidence is fair.	Great Soil Group:	Red earth

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

Vegetation: Low Strata - Tussock grass, 0.51-1m, Sparse. *Species includes - Themeda triandra, Chrysopogon fallax
Mid Strata - , , . *Species includes - None recorded
Tall Strata - Tree, 12.01-20m, Isolated plants. *Species includes - Eucalyptus crebra

Surface Coarse Fragments: 50-90%, cobbly, 60-200mm, subangular, Metamorphic rock (unidentified)

Profile Morphology

A11	0 - 0.2 m	Very dark greyish brown (10YR3/2-Moist); ; Fine sandy loam; Massive grade of structure; Sandy (grains prominent) fabric; Dry; 50-90%, coarse gravelly, 20-60mm, angular, Metamorphic rock (unidentified), coarse fragments; , Calcareous, , ; , Gypseous, , ; Field pH 6.5 (Raupach, 0.1); Clear change to -
A12	0.2 - 0.5 m	Dark brown (7.5YR3/4-Moist); ; Fine sandy clay loam (Light); Massive grade of structure; Earthy fabric; Dry; 50-90%, coarse gravelly, 20-60mm, angular, Metamorphic rock (unidentified), coarse fragments; , Calcareous, , ; , Gypseous, , ; Field pH 6 (Raupach, 0.4); Gradual change to -
B3	0.5 - 1.1 m	Yellowish red (5YR4/6-Moist); ; Fine sandy clay loam; Massive grade of structure; Earthy fabric; Dry; 50-90%, coarse gravelly, 20-60mm, angular, Metamorphic rock (unidentified), coarse fragments; , Calcareous, , ; , Gypseous, , ; Field pH 6.5 (Raupach, 1); Clear change to -
C	1.1 - 1.2 m	; 50-90%, coarse gravelly, 20-60mm, angular, Metamorphic rock (unidentified), coarse fragments; , Calcareous, , ; , Gypseous, , ;

Morphological Notes

Observation Notes

Site Notes

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Laboratory Test Results:

Depth	pH	1:5 EC	Ca	Exchangeable	Cations	Exchangeable	CEC	ECEC	ESP
m		dS/m		Mg	K	Na	Acidity		%
						Cmol (+)/kg			
0 - 0.2	6A								
0.2 - 0.5	5.6A								
0.5 - 1.1	5.4A								

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Laboratory Analyses Completed for this profile

4A1 pH of 1:5 soil/water suspension