

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 1313 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	Rogers, Gary	Locality:	
Date Desc.:	03/08/92	Elevation:	No Data
Map Ref.:	Sheet No. : 8160 GPS	Rainfall:	No Data
Northing/Long.:	7906741 AMG zone: 55	Runoff:	Rapid
Easting/Lat.:	401988 Datum: AGD66	Drainage:	Well drained

Geology

Exposure Type:	No Data	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	No Data	Substrate Material:	Existing vertical exposure, Metamorphic rock (unidentified)

Land Form

Rel/Slope Class:	Rolling low hills 30-90m 10-	Pattern Type:	Low hills
Morph. Type:	Mid-slope	Relief:	No Data
Elem. Type:	Hillslope	Slope Category:	Moderately inclined
Slope:	20 %	Aspect:	No Data

Surface Soil Condition (dry): Firm

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Haplic Eutrophic Red Dermosol Medium Loamy Clayey Deep		Principal Profile Form:	Dr2.11
ASC Confidence:		Great Soil Group:	Non-calcic brown soil

No analytical data are available but confidence is fair.

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

Vegetation: Low Strata - Tussock grass, 0.51-1m, Mid-dense. *Species includes - Imperata cylindrica, Sporobolus species
Mid Strata - , , . *Species includes - None recorded
Tall Strata - Tree, 20.01-35m, Sparse. *Species includes - Eucalyptus intermedia, Eucalyptus grandis

Surface Coarse Fragments: 0-2%, cobbly, 60-200mm, angular, Metamorphic rock (unidentified)

Profile Morphology

A11	0 - 0.1 m	Very dark grey (10YR3/1-Moist); ; Sandy loam; Massive grade of structure; Earthy fabric; Dry; , Calcareous, , , , Gypseous, , , Field pH 6 (Raupach, 0.05); Abrupt change to -
A12	0.1 - 0.25 m	Dark yellowish brown (10YR4/4-Moist); ; Sandy clay loam (Heavy); Massive grade of structure; Earthy fabric; Dry; , Calcareous, , , , Gypseous, , , Field pH 6 (Raupach, 0.2); Clear change to -
B21	0.25 - 1.3 m	Red (2.5YR4/6-Moist); ; Light medium clay; Moderate grade of structure, 20-50 mm, Angular blocky; Smooth-ped fabric; Moderately moist; , Calcareous, , , , Gypseous, , , Field pH 6 (Raupach, 1); Clear change to -
B22	1.3 - 1.45 m	Yellowish red (5YR4/6-Moist); ; Light medium clay; Moderate grade of structure, 10-20 mm, Angular blocky; Smooth-ped fabric; Moderately moist; 0-2%, medium gravelly, 6-20mm, angular, Metamorphic rock (unidentified), coarse fragments; , Calcareous, , , , Gypseous, , , Field pH 6 (Raupach, 1.4);

Morphological Notes

Observation Notes

Site Notes

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Laboratory Test Results:

Depth	pH	1:5 EC		Exchangeable Cations		Exchangeable Acidity	CEC	ECEC	ESP
m		dS/m	Ca	Mg	K	Na Cmol (+)/kg			%
0.1 - 0.25	5.8A								
0.25 - 1.3	6.1A								
1.3 - 1.45	6.1A								

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Laboratory Analyses Completed for this profile

4A1 pH of 1:5 soil/water suspension