

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 959 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	Barry, Earl	Locality:	
Date Desc.:	02/09/92	Elevation:	380 metres
Map Ref.:	Sheet No. : 8057 GPS	Rainfall:	No Data
Northing/Long.:	7738948 AMG zone: 55	Runoff:	Slow
Easting/Lat.:	349519 Datum: AGD66	Drainage:	Well 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:	Undulating hills 90-300m 3-10%	Pattern Type:	Low hills
Morph. Type:	Crest	Relief:	No Data
Elem. Type:	Hillcrest	Slope Category:	Very gently sloped
Slope:	%	Aspect:	No Data

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:	Mapping Unit:	N/A
Haplic Eutrophic Red Dermosol Thin Non-gravelly Clay-loamy Clayey Moderately deep	Principal Profile Form:	Gn3.11
ASC Confidence:	Great Soil Group:	Euchrozem

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, 0.26-0.5m, Sparse. *Species includes - Aristida species, Themeda triandra, Bothriochloa
ewartiana Mid Strata - Tree, 3.01-6m, Sparse. *Species includes - Eucalyptus erythrophloia, Eucalyptus papuana

Tall Strata - Tree, 6.01-12m, Sparse. *Species includes - Eucalyptus erythrophloia, Eucalyptus papuana

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A11	0 - 0.08 m	Dark reddish brown (5YR3/4-Moist); ; Sandy clay loam; Weak grade of structure, 5-10 mm, Platy; Earthy fabric; Dry; Very firm consistence; , Calcareous, , , Gypseous, , ; Field pH 6.5 (Raupach, 0.05); Clear change to -
A3	0.08 - 0.2 m	Dark reddish brown (2.5YR3/4-Moist); ; Clay loam, sandy; Weak grade of structure, 5-10 mm, Platy; Earthy fabric; Dry; Very firm consistence; , Calcareous, , , Gypseous, , ; Field pH 6 (Raupach, 0.15); Clear change to -
B1	0.2 - 0.4 m	Dark red (2.5YR3/6-Moist); ; Sandy light clay; Weak grade of structure, 10-20 mm, Polyhedral; Smooth-ped fabric; Common (1-5 per 100mm2) Very fine (0.075-1mm) macropores, Dry; Firm consistence; 0-2%, fine gravelly, 2-6mm, subangular, Quartz, coarse fragments; , Calcareous, , , Gypseous, , ; Field pH 6 (Raupach, 0.35); Diffuse change to -
B21	0.4 - 0.6 m	Dark red (2.5YR3/6-Moist); ; Light clay (Heavy); Moderate grade of structure, 10-20 mm, Polyhedral; Moderate grade of structure, 2-5 mm, Polyhedral; Smooth-ped fabric; Common (1-5 per 100mm2) Very fine (0.075-1mm) macropores, Dry; Very firm consistence; 0-2%, fine gravelly, 2-6mm, subangular, Quartz, coarse fragments; , Calcareous, , , Gypseous, , ; Field pH 6.5 (Raupach, 0.6);

Morphological Notes

Observation Notes

Site Notes

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 959 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

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 - 0.08	5.9A						
0.2 - 0.4	5.8A						
0.4 - 0.6	6.2A						

[illegible][illegible]

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrypmle Shire, QLD
Project Code: DLR **Site ID:** 959 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Laboratory Analyses Completed for this profile

4A1 pH of 1:5 soil/water suspension