

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 581 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By: M.G. Cannon	Locality:
Date Desc.: 21/05/91	Elevation: 339 metres
Map Ref.: Sheet No. : 8158-1 GPS	Rainfall: No Data
Northing/Long.: 7818697 AMG zone: 55	Runoff: No Data
Easting/Lat.: 425339 Datum: AGD66	Drainage: No Data

Geology

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

Land Form

Rel/Slope Class: Gently undulating plains <9m 1-3%	Pattern Type: Rises
Morph. Type: Mid-slope	Relief: No Data
Elem. Type: Plain	Slope Category: Very gently sloped
Slope: 2 %	Aspect: 50 degrees

Surface Soil Condition (dry): Cracking, Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:	Mapping Unit: N/A
Haplic Supracalcic Red Dermosol Medium Non-gravelly Clayey Clayey Moderately deep	Principal Profile Form: Ug5.31
ASC Confidence:	Great Soil Group: No suitable

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 - Heteropogon contortus, Bothriochloa decipiens,

Enneapogon polyphyllus Mid Strata - Tree, 1.01-3m, Sparse. *Species includes - Acacia bidwillii

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

Surface Coarse Fragments:

Profile Morphology

A	0 - 0.1 m	Dark reddish brown (5YR3/2-Moist); ; Light medium clay; Weak grade of structure, 20-50 mm, Subangular blocky; Smooth-ped fabric; Moderately moist; Firm consistence; Moderately plastic; Normal plasticity; Slightly sticky; , Calcareous, , , , Gypseous, , ; Field pH 7 (Raupach, 0.05); Common, fine (1-2mm) roots; Clear, Irregular change to -
B2	0.1 - 0.38 m	Dark reddish brown (5YR3/3-Moist); ; Light medium clay (Light); Strong grade of structure, 20-50 mm, Prismatic; Strong grade of structure, 5-10 mm, Angular blocky; Smooth-ped fabric; Moderately moist; Firm consistence; Moderately plastic; Normal plasticity; Slightly sticky; 2-10%, fine gravelly, 2-6mm, subangular, dispersed, Substrate material, coarse fragments; , Calcareous, , , , Gypseous, , ; Field pH 7.5 (Raupach, 0.3); Common, fine (1-2mm) roots; Clear, Irregular change to -
BC	0.38 - 0.58 m	Reddish brown (5YR4/4-Moist); ; Light medium clay; Weak grade of structure, 50-100 mm, Subangular blocky; Earthy fabric; Moderately moist; Weak consistence; Slightly plastic; Normal plasticity; Non-sticky; , Calcareous, , , , Gypseous, , ; Soil matrix is Moderately calcareous; Few, fine (1-2mm) roots; Clear change to -
C	0.58 - 1 m	Strong brown (7.5YR5/6-Moist); ; Sandy light clay (Light); Weak grade of structure, 20-50 mm, Subangular blocky; Earthy fabric; Moderately moist; Weak consistence; Slightly plastic; Normal plasticity; Non-sticky; Many (20 - 50 %), Calcareous, Medium (2 -6 mm), Laminae; , Gypseous, , ; Soil matrix is Moderately calcareous; Field pH 9.5 (Raupach, 1);

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:** 581 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Laboratory Test Results:

[illegible][illegible][illegible]

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrypmle Shire, QLD
Project Code: DLR **Site ID:** 581 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Laboratory Analyses Completed for this profile

4A1 pH of 1:5 soil/water suspension