

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 1332 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	Rogers, Gary	Locality:	
Date Desc.:	06/08/92	Elevation:	No Data
Map Ref.:	Sheet No. : 8059 GPS	Rainfall:	No Data
Northing/Long.:	7895064 AMG zone: 55	Runoff:	Moderately rapid
Easting/Lat.:	358982 Datum: AGD66	Drainage:	Moderately 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 rises 9-30m 3-10%	Pattern Type:	Rises
Morph. Type:	Simple-slope	Relief:	No Data
Elem. Type:	Hillslope	Slope Category:	Gently inclined
Slope:	4 %	Aspect:	No Data

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:	Mapping Unit:	N/A
Mottled Eutrophic Grey Chromosol Medium Slightly gravelly Clay-loamy Clayey Moderately deep	Principal Profile Form:	Dy3.12
ASC Confidence: No analytical data are available but confidence is fair.	Great Soil Group:	Yellow podzolic soil

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

Vegetation: Low Strata - Tussock grass, 0.26-0.5m, Sparse. *Species includes - Bothriochloa decipiens, Chrysopogon fallax
Mid Strata - , , . *Species includes - None recorded
Tall Strata - Tree, 12.01-20m, Sparse. *Species includes - Eucalyptus crebra, Eucalyptus papuana

Surface Coarse Fragments: 2-10%, fine gravelly, 2-6mm, angular,

Profile Morphology

A11	0 - 0.12 m	Dark brown (10YR3/3-Moist); ; Sandy clay loam; Massive grade of structure; Earthy fabric; 10-20%, medium gravelly, 6-20mm, subrounded, Substrate material, coarse fragments; , Calcareous, , , , Gypseous, , , Field pH 6 (Raupach, 0.05); Clear change to -
A12	0.12 - 0.27 m	Brown (10YR4/3-Moist); ; Sandy clay loam; Massive grade of structure; Earthy fabric; 20-50%, subrounded, Substrate material, coarse fragments; , Calcareous, , , , Gypseous, , , Field pH 6 (Raupach, 0.2); Abrupt change to -
B21	0.27 - 0.45 m	Dark greyish brown (10YR4/2-Moist); Mottles, 2.5YR46, 2-10% , Distinct; Mottles, 2-10% ; Medium clay; Moderate grade of structure, 10-20 mm, Polyhedral; Smooth-ped fabric; Few (<1 per 100mm ²) Very fine (0.075-1mm) macropores, Very few (0 - 2 %), Manganiferous, Fine (0 - 2 mm), Nodules; , Calcareous, , , , Gypseous, , , Field pH 6.5 (Raupach, 0.35); Clear change to -
B22	0.45 - 0.6 m	Dark greyish brown (10YR4/2-Moist); Mottles, 10YR56, 2-10% , Distinct; Mottles, 2-10% ; Medium clay; Moderate grade of structure, 10-20 mm, Polyhedral; Smooth-ped fabric; Few (<1 per 100mm ²) Very fine (0.075-1mm) macropores, , Calcareous, , , , Gypseous, , , Field pH 7 (Raupach, 0.5);
C	0.6 - 0.8 m	; , Calcareous, , , , Gypseous, , , Field pH 7.5 (Raupach, 0.8);

Morphological Notes

Observation Notes

Site Notes

Laboratory Test Results:

[illegible]

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Laboratory Analyses Completed for this profile

4A1 pH of 1:5 soil/water suspension