

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 622 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	M.G. Cannon	Locality:	
Date Desc.:	26/05/91	Elevation:	No Data
Map Ref.:	Sheet No. : 8259-3 GPS	Rainfall:	No Data
Northing/Long.:	7846324 AMG zone: 55	Runoff:	No Data
Easting/Lat.:	449017 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:	Undulating rises 9-30m 3-10%	Pattern Type:	Rises
Morph. Type:	Lower-slope	Relief:	No Data
Elem. Type:	Fan	Slope Category:	Gently inclined
Slope:	4 %	Aspect:	280 degrees

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:	Mapping Unit:	N/A
Haplic Eutrophic Yellow Chromosol Medium Non-gravelly Clay-loamy Clayey Deep	Principal Profile Form:	Dy2.22
ASC Confidence:	Great Soil Group:	Yellow podzolic soil
No analytical data are available but confidence is fair.		

Site Disturbance: Extensive clearing, for example poisoning, ringbarking

Vegetation: Low Strata - Sod grass, 0.26-0.5m, Sparse. *Species includes - Themeda triandra, Cyperus species, Heteropogon
Mid Strata - , , . *Species includes - None recorded
Tall Strata - Tree, 12.01-20m, Isolated plants. *Species includes - Eucalyptus tereticornis, Eucalyptus crebra

Surface Coarse Fragments:

Profile Morphology

A11	0 - 0.08 m	Very dark greyish brown (10YR3/2-Moist); ; Clay loam (Light); Weak grade of structure, 5-10 mm, Granular; Smooth-ped fabric; Moderately moist; Very weak consistence; , Calcareous, , , , Gypseous, , ; Field pH 6 (Raupach, 0.05); Clear change to -
A2	0.08 - 0.18 m	Dark brown (10YR3/3-Moist); ; Clay loam (Light); Weak grade of structure, 5-10 mm, Granular; Smooth-ped fabric; Moderately moist; Very weak consistence; 10-20%, coarse gravelly, 20-60mm, subangular, dispersed, Sandstone, coarse fragments; , Calcareous, , , , Gypseous, , ; Abrupt change to -
B21	0.18 - 0.55 m	Brownish yellow (10YR6/8-Moist); , 2.5YR46, 0-2% , 0-5mm, Faint; , 0-2% ; Medium clay; Moderate grade of structure, 50-100 mm, Prismatic; Weak grade of structure, 10-20 mm, Subangular blocky; Smooth-ped fabric; Moderately moist; Weak consistence; , Calcareous, , , , Gypseous, , ; Field pH 7 (Raupach, 0.3); Clear change to -
B22	0.55 - 1 m	Yellowish brown (10YR5/8-Moist); , 10YR54, 2-10% , 5-15mm, Distinct; , 2-10% ; Light medium clay; Strong grade of structure, 50-100 mm, Prismatic; Moderate grade of structure, 20-50 mm, Prismatic; Smooth-ped fabric; Moderately moist; Firm consistence; Very few (0 - 2 %), Manganiferous, Fine (0 - 2 mm), Soft segregations; , Calcareous, , , , Gypseous, , ; Field pH 7 (Raupach, 0.9); Gradual change to -
BC	1 - 1.3 m	; Moderate grade of structure, 10-20 mm, Platy; Moderate grade of structure, 5-10 mm, Subangular blocky; , Calcareous, , , , Gypseous, , ; Field pH 7 (Raupach, 1.2); Clear change to -
C	1.3 - 1.35 m	; , Calcareous, , , , Gypseous, , ; Field pH 7 (Raupach, 1.35);

Morphological Notes

Observation Notes

Site Notes

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Laboratory Test Results:

[illegible][illegible][illegible]

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Laboratory Analyses Completed for this profile

4A1 pH of 1:5 soil/water suspension