

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 189 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	M. DeCorte	Locality:	
Date Desc.:	17/09/90	Elevation:	260 metres
Map Ref.:	Sheet No. : 8156 GPS	Rainfall:	No Data
Northing/Long.:	7721654 AMG zone: 55	Runoff:	No runoff
Easting/Lat.:	428996 Datum: AGD66	Drainage:	Imperfectly drained

Geology

ExposureType:	No Data	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	No Data	Substrate Material:	No Data

Land Form

Rel/Slope Class:	Gently undulating plains <9m 1-3%	Pattern Type:	Plain
Morph. Type:	Flat	Relief:	No Data
Elem. Type:	Plain	Slope Category:	Very gently sloped
Slope:	2 %	Aspect:	0 degrees

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:	Mapping Unit:	N/A
Haplic Eutrophic Grey Chromosol Medium Non-gravelly Clay-loamy Clayey Deep	Principal Profile Form:	Dy2.32
ASC Confidence:	Great Soil Group:	No suitable group

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 - Sporobolus caroli, Eriachne species
Mid Strata - Tree, 1.01-3m, Very sparse. *Species includes - Terminalia oblongata, Acacia harpophylla,

Eremophila

Tall Strata - Tree, 6.01-12m, Mid-dense. *Species includes - Acacia harpophylla

Surface Coarse Fragments: 0-2%, coarse gravelly, 20-60mm, rounded tabular, Rhyolite

Profile Morphology

A1j	0 - 0.17 m	Dark brown (10YR3/3-Moist); ; Fine sandy clay loam; Massive grade of structure; Common (1-5 per 100mm ²) Very fine (0.075-1mm) macropores, Dry; Firm consistence; 2-10%, medium gravelly, 6-20mm, dispersed, Rhyolite, coarse fragments; , Calcareous, , , , Gypseous, , ; Field pH 5.7 (Raupach, 0.05); Few, very fine (0-1mm) roots; Abrupt, Tongued change to -
B21	0.17 - 1 m	Dark greyish brown (10YR4/2-Moist); ; Medium clay; Strong grade of structure, 100-200 mm, Prismatic; Strong grade of structure, 5-10 mm, Angular blocky; Few (<1 per 100mm ²) Very fine (0.075-1mm) macropores, Moderately moist; Very firm consistence; 10-20%, coarse gravelly, 20-60mm, dispersed, Rhyolite, coarse fragments; Few cutans, <10% of ped faces or walls coated, faint; Few (2 - 10 %), Manganiferous, Medium (2 -6 mm), Veins; , Calcareous, , , , Gypseous, , ; Field pH 6.8 (Raupach, 0.6); Few, very fine (0-1mm) roots; Clear, Smooth change to -
B22	1 - 1.5 m	Brown (10YR5/3-Moist); ; Medium clay; Weak grade of structure, 20-50 mm, Angular blocky; Few (<1 per 100mm ²) Very fine (0.075-1mm) macropores, Moderately moist; Very firm consistence; 0-2%, medium gravelly, 6-20mm, dispersed, Rhyolite, coarse fragments; Few (2 - 10 %), Manganiferous, Medium (2 -6 mm), Veins; , Calcareous, , , , Gypseous, , ; Field pH 5.7 (Raupach, 1.5);

Morphological Notes

Observation Notes

Site Notes

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Laboratory Test Results:

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Laboratory Analyses Completed for this profile

4A1 pH of 1:5 soil/water suspension