

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 2046 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	Barry, Earl	Locality:	
Date Desc.:	24/06/93	Elevation:	No Data
Map Ref.:	Sheet No. : 7958 GPS	Rainfall:	No Data
Northing/Long.:	7803240 AMG zone: 55	Runoff:	Moderately rapid
Easting/Lat.:	305294 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:	Gently undulating plains <9m 1-3%	Pattern Type:	Plain
Morph. Type:	Flat	Relief:	No Data
Elem. Type:	Plain	Slope Category:	Very gently sloped
Slope:	1 %	Aspect:	No Data

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Haplic Eutrophic Red Ferrosol Thin Non-gravelly Clay-loamy Clayey		Principal Profile Form:	Gn3.12
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, Very sparse. *Species includes - Dichanthium species
Mid Strata - , , . *Species includes - None recorded
Tall Strata - Tree, 12.01-20m, Sparse. *Species includes - Eucalyptus orgadophylla, Eucalyptus papuana,

Eucalyptus

Surface Coarse Fragments: 0-2%, stony, 200-600mm, subangular, Basalt

Profile Morphology

A11	0 - 0.05 m	Dark reddish brown (2.5YR2/3-Moist); ; Clay loam (Heavy); Weak grade of structure, 5-10 mm, Polyhedral; Dry; Firm consistence; Very few (0 - 2 %), Ferromanganiferous, Medium (2 -6 mm), Nodules; , Calcareous, , , , Gypseous, , ; Field pH 6.5 (Raupach, 0.02); Clear change to -
B1	0.05 - 0.3 m	Dark reddish brown (2.5YR2/4-Moist); ; Light clay; Weak grade of structure, 20-50 mm, Angular blocky; Weak grade of structure, 5-10 mm, Polyhedral; Rough-ped fabric; Dry; Strong consistence; Very few (0 - 2 %), Ferromanganiferous, Medium (2 -6 mm), Nodules; , Calcareous, , , , Gypseous, , ; Field pH 6.5 (Raupach, 0.2); Gradual change to -
B21	0.3 - 0.7 m	Dark reddish brown (2.5YR2/4-Moist); ; Light clay; Moderate grade of structure, 5-10 mm, Polyhedral; Smooth-ped fabric; Dry; Strong consistence; 2-10%, coarse gravelly, 20-60mm, subrounded platy, Basalt, coarse fragments; Very few (0 - 2 %), Ferromanganiferous, Medium (2 -6 mm), Nodules; , Calcareous, , , , Gypseous, , ; Field pH 6.5 (Raupach, 0.4); Field pH 7 (Raupach, 0.7);
B22	0.7 - 0.9 m	Dark reddish brown (2.5YR3/4-Moist); ; Light clay; Dry; , Calcareous, , , , Gypseous, , ,

Morphological Notes

Observation Notes

Site Notes

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Laboratory Test Results:

Depth	pH	1:5 EC	Exchangeable Cations			Exchangeable	CEC	ECEC		ESP
m		dS/m	Ca	Mg	K	Na Cmol (+)/kg	Acidity			%

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Laboratory Analyses Completed for this profile