

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 117 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	M. DeCorte	Locality:	
Date Desc.:	23/08/90	Elevation:	500 metres
Map Ref.:	Sheet No. : 7860 GPS	Rainfall:	No Data
Northing/Long.:	7930553 AMG zone: 55	Runoff:	No runoff
Easting/Lat.:	262573 Datum: AGD66	Drainage:	Well drained

Geology

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

Land Form

Rel/Slope Class:	Level plain <9m <1%	Pattern Type:	Plain
Morph. Type:	Flat	Relief:	No Data
Elem. Type:	Plain	Slope Category:	Level
Slope:	1 %	Aspect:	300 degrees

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 Shallow		Principal Profile Form:	Gn3.12
ASC Confidence:		Great Soil Group:	Euchrozem

Analytical data are incomplete but reasonable confidence.

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

Vegetation: Low Strata - Tussock grass, 0.26-0.5m, Mid-dense. *Species includes - Heteropogon contortus, Chrysopogon fallax,

Phynchelytrum repens Mid Strata - , , . *Species includes - None recorded

Tall Strata - Tree, 6.01-12m, Very sparse. *Species includes - Eucalyptus crebra, Eucalyptus papuana

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A1	0 - 0.05 m	Dark brown (7.5YR3/4-Moist); ; Clay loam; Strong grade of structure, 2-5 mm, Polyhedral; Smooth-ped fabric; Dry; Very weak consistence; , Calcareous, , ; , Gypseous, , ; Field pH 6 (Raupach, 0.05); Many, fine (1-2mm) roots; Clear, Smooth change to -
B2	0.05 - 0.2 m	Dark reddish brown (5YR3/3-Moist); ; Light clay; Strong grade of structure, 2-5 mm, Polyhedral; Smooth-ped fabric; Dry; Firm consistence; , Calcareous, , ; , Gypseous, , ; Field pH 7 (Raupach, 0.2); Common, very fine (0-1mm) roots;

Morphological Notes

Observation Notes

Site Notes

Laboratory Test Results:

[illegible]

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Laboratory Analyses Completed for this profile

10B	Extractable sulfur(mg/kg) - Phosphate extractable sulfur
15A2_CA	Exchangeable bases (Ca2+,Mg2+,Na+,K+) - 1M ammonium chloride at pH 7.0, pretreatment for soluble salts
15A2_K	Exchangeable bases- 1M ammonium chloride at pH 7.0, pretreatment for soluble salts
15A2_MG	Exchangeable bases- 1M ammonium chloride at pH 7.0, pretreatment for soluble salts
15A2_NA	Exchangeable bases- 1M ammonium chloride at pH 7.0, pretreatment for soluble salts
15N1	Exchangeable sodium percentage (ESP)
4A1	pH of 1:5 soil/water suspension