

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 22 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	M. DeCorte	Locality:	
Date Desc.:	26/06/90	Elevation:	320 metres
Map Ref.:	Sheet No. : 8257 GPS	Rainfall:	No Data
Northing/Long.:	7772067 AMG zone: 55	Runoff:	No runoff
Easting/Lat.:	498547 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, Granodiorite

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:	Level
Slope:	1 %	Aspect:	270 degrees

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:	Mapping Unit:	N/A
Haplic Eutrophic Red Chromosol Thin Non-gravelly Clay-loamy Clayey Moderately deep	Principal Profile Form:	Dr2.12
ASC Confidence:	Great Soil Group:	Non-calci brown soil
Analytical data are incomplete but reasonable confidence.		

Site Disturbance: Extensive clearing, for example poisoning, ringbarking

Vegetation: Low Strata - , , . *Species includes - Bothriochloa pertusa, Bothriochloa decipiens, Aristida species
Mid Strata - , , . *Species includes - Eucalyptus erythrophloia
Tall Strata - Tree, 6.01-12m, Isolated plants. *Species includes - Eucalyptus erythrophloia, Eucalyptus crebra

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A1	0 - 0.08 m	Dark reddish brown (5YR3/2-Moist); ; , 0-0% ; Clay loam; Weak grade of structure, 20-50 mm, Subangular blocky; Smooth-ped fabric; Moderately moist; Firm consistence; , Calcareous, , ; , Gypseous, , ; Field pH 6 (Raupach, 0.05); Many, medium (2-5mm) roots; Clear, Smooth change to -
B21	0.08 - 0.52 m	Red (2.5YR4/6-Moist); ; , 0-0% ; Medium heavy clay; Moderate grade of structure, 50-100 mm, Prismatic; Strong grade of structure, 20-50 mm, Angular blocky; Smooth-ped fabric; Moist; Firm consistence; , Calcareous, , ; , Gypseous, , ; Field pH 7 (Raupach, 0.3); Many, fine (1-2mm) roots; Gradual, Smooth change to -
B22	0.52 - 0.82 m	Reddish brown (5YR4/4-Moist); ; , 0-0% ; Medium clay; Weak grade of structure, 50-100 mm, Prismatic; Smooth-ped fabric; Moist; Firm consistence; , Calcareous, , ; , Gypseous, , ; Field pH 7 (Raupach, 0.6); Few, very fine (0-1mm) roots; Clear, Smooth change to -
C	0.82 - 1.05 m	; , 0-0% ; Clay loam, sandy; Moderate grade of structure, 20-50 mm, Subangular blocky; Moist; Weak consistence; , Calcareous, , ; , Gypseous, , ; Field pH 7.8 (Raupach, 1);

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

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
15F1_CA	Exchangeable bases by 0.01M silver-thiourea (AgTU)+, no pretreatment for soluble salts
15F1_K	Exchangeable bases by 0.01m (AgTU)+, no pretreatment for soluble salts
15F1_MG	Exchangeable bases by 0.01m (AgTU)+, no pretreatment for soluble salts
15F1_NA	Exchangeable bases by 0.01m (AgTU)+, no pretreatment for soluble salts
15F3	CEC by 0.01M silver-thiourea (AgTU)+
15N1	Exchangeable sodium percentage (ESP)
4A1	pH of 1:5 soil/water suspension