

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 212 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	M. DeCorte	Locality:	
Date Desc.:	11/04/91	Elevation:	310 metres
Map Ref.:	Sheet No. : 8257 GPS	Rainfall:	No Data
Northing/Long.:	7780762 AMG zone: 55	Runoff:	Rapid
Easting/Lat.:	490004 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, Granite

Land Form

Rel/Slope Class:	Gently undulating rises 9-30m 1-3%	Pattern Type:	Rises
Morph. Type:	Crest	Relief:	No Data
Elem. Type:	Hillcrest	Slope Category:	Very gently sloped
Slope:	5 %	Aspect:	50 degrees

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:	Mapping Unit:	N/A
Basic Paralithic Leptic Tenosol Medium Slightly gravelly Sandy Sandy Shallow	Principal Profile Form:	Uc4
ASC Confidence:	Great Soil Group:	Lithosol

All necessary analytical data are available.

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

Vegetation: Low Strata - Tussock grass, 0.26-0.5m, Very sparse. *Species includes - Bothriochloa pertusa, Eragrostis species

Mid Strata - Tree, 3.01-6m, Isolated plants. *Species includes - None recorded

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

Surface Coarse Fragments: 2-10%, cobbly, 60-200mm, angular, Granite

Profile Morphology

A1	0 - 0.12 m	Very dark brown (10YR2/2-Moist); ; Loamy sand; Strong grade of structure, 2-5 mm, Granular; Earthy fabric; Many (>5 per 100mm ²) Fine (1-2mm) macropores, Dry; Weak consistence; ; Calcareous, ; ; Gypseous, ; ; Field pH 6.5 (Raupach, 0.05); Common, very fine (0-1mm) roots; Clear, Smooth change to -
A2	0.12 - 0.31 m	Brown (10YR4/3-Moist); ; Clayey coarse sand; Strong grade of structure, 2-5 mm, Granular; Earthy fabric; Many (>5 per 100mm ²) Fine (1-2mm) macropores, Dry; Weak consistence; 10-20%, medium gravelly, 6-20mm, angular, dispersed, Granite, coarse fragments; ; Calcareous, ; ; Gypseous, ; ; Field pH 6.5 (Raupach, 0.3); Common, very fine (0-1mm) roots;
C	0.31 - 0.41 m	; ; Calcareous, ; ; Gypseous, ; ;

Morphological Notes

Observation Notes

Site Notes

Laboratory Test Results:

[illegible]

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Laboratory Analyses Completed for this profile

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