

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 325 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	M. DeCorte	Locality:	
Date Desc.:	19/07/91	Elevation:	350 metres
Map Ref.:	Sheet No. : 8157 GPS	Rainfall:	No Data
Northing/Long.:	7762903 AMG zone: 55	Runoff:	No Data
Easting/Lat.:	412288 Datum: AGD66	Drainage:	No Data

Geology

ExposureType:	No Data	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	No Data	Substrate Material:	Undisturbed soil core, Granodiorite

Land Form

Rel/Slope Class:	Undulating rises 9-30m 3-10%	Pattern Type:	Rises
Morph. Type:	Crest	Relief:	No Data
Elem. Type:	Hillcrest	Slope Category:	Very gently sloped
Slope:	2 %	Aspect:	140 degrees

Surface Soil Condition (dry):

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-calcic brown soil
All necessary analytical data are available.		

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

Vegetation: Low Strata - Tussock grass, 0.51-1m, Mid-dense. *Species includes - Bothriochloa decipiens, Bothriochloa pertusa,
Heteropogon contortus Mid Strata - Tree, 3.01-6m, Very sparse. *Species includes - Eucalyptus erythrophloia

Tall Strata - Tree, 6.01-12m, Sparse. *Species includes - Eucalyptus crebra, Eucalyptus erythrophloia

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A1	0 - 0.07 m	Strong brown (7.5YR4/6-Moist); ; Sandy clay loam; Moderate grade of structure, 20-50 mm, Subangular blocky; Smooth-ped fabric; Dry; Strong consistence; , Calcareous, , , , Gypseous, , ; Field pH 7 (Raupach, 0.05); Clear, Smooth change to -
B21	0.07 - 0.3 m	Dark reddish brown (5YR3/4-Moist); ; Light clay; Strong grade of structure, 10-20 mm, Angular blocky; Smooth-ped fabric; Dry; Strong consistence; Many cutans, >50% of ped faces or walls coated, distinct; , Calcareous, , , , Gypseous, , , ; Field pH 7 (Raupach, 0.3); Clear, Smooth change to -
B3	0.3 - 0.5 m	Yellowish red (5YR4/6-Moist); Substrate influence, 7.5YR84, 20-50% , 0-5mm, Distinct; Substrate influence, 20-50% ; Clay loam; Strong grade of structure, 10-20 mm, Angular blocky; Smooth-ped fabric; Dry; Very firm consistence; , Calcareous, , , , Gypseous, , , ; Clear, Smooth
B/C	0.5 - 0.8 m	; Dry; , Calcareous, , , , Gypseous, , , ; Field pH 8 (Raupach, 0.8);

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

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