

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 781 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	M.G. Cannon	Locality:	
Date Desc.:	02/10/91	Elevation:	290 metres
Map Ref.:	Sheet No. : 8156 GPS	Rainfall:	No Data
Northing/Long.:	7711172 AMG zone: 55	Runoff:	No Data
Easting/Lat.:	410293 Datum: AGD66	Drainage:	No Data

Geology

Exposure Type:	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:	Alluvial plain
Morph. Type:	Upper-slope	Relief:	No Data
Elem. Type:	Plain	Slope Category:	Very gently sloped
Slope:	2 %	Aspect:	No Data

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:	Eutrophic Hypernatric Brown Sodosol Medium Non-gravelly Loamy Clayey Moderately deep	Mapping Unit:	N/A
ASC Confidence:	All necessary analytical data are available.	Principal Profile Form:	Db1.43
		Great Soil Group:	Solodic soil

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

Vegetation: Low Strata - , , . *Species includes - None recorded
 Mid Strata - , , . *Species includes - Eremophila mitchellii, Flindersia maculosa
 Tall Strata - Tree, 6.01-12m, Sparse. *Species includes - Acacia argyrodendron, Eucalyptus cambageana

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A1	0 - 0.1 m	Brown (7.5YR4/4-Moist); ; Coarse sandy loam (Light); Massive grade of structure; Earthy fabric; Dry; Very weak consistence; , Calcareous, , , , Gypseous, , , Field pH 5.5 (Raupach, 0.05); Clear, Wavy change to -
A2e	0.1 - 0.14 m	; Coarse sandy loam (Light); Massive grade of structure; Earthy fabric; Dry; Very weak consistence; , Calcareous, , , , Gypseous, , , Abrupt, Smooth change to -
B21	0.14 - 0.35 m	Brown (7.5YR4/3-Moist); ; Sandy medium clay; Strong grade of structure, 10-20 mm, Angular blocky; Moderate grade of structure, 5-10 mm, Angular blocky; Smooth-ped fabric; Dry; Very strong consistence; , Calcareous, , , , Gypseous, , , Field pH 9.5 (Raupach, 0.3); Clear change to -
B22	0.35 - 0.7 m	Light brown (7.5YR6/4-Moist); ; Medium heavy clay; Strong grade of structure, 5-10 mm, Angular blocky; Moderate grade of structure, 2-5 mm, Angular blocky; Smooth-ped fabric; Dry; Very strong consistence; , Calcareous, , , , Gypseous, , , Field pH 9.5 (Raupach, 0.6); Diffuse change to -
B23	0.7 - 0.9 m	Brown (7.5YR5/4-Moist); Substrate influence, 7.5YR62, 10-20% , 5-15mm, Prominent; Substrate influence, 10-20% ; Sandy medium heavy clay; Strong grade of structure, 5-10 mm, Angular blocky; Moderate grade of structure, 2-5 mm, Angular blocky; Smooth-ped fabric; Dry; Very strong consistence; , Calcareous, , , , Gypseous, , , Field pH 6.3 (Raupach, 0.9);

Morphological Notes

Observation Notes

Site Notes

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 781 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Laboratory Test Results:

[illegible][illegible][illegible]

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrypmle Shire, QLD
Project Code: DLR **Site ID:** 781 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

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