

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 409 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	M. DeCorte	Locality:	
Date Desc.:	04/09/91	Elevation:	270 metres
Map Ref.:	Sheet No. : 8156 GPS	Rainfall:	No Data
Northing/Long.:	7730449 AMG zone: 55	Runoff:	No runoff
Easting/Lat.:	428124 Datum: AGD66	Drainage:	Well drained

Geology

Exposure Type:	No Data	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	No Data	Substrate Material:	No Data

Land Form

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

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:	Mapping Unit:	N/A
Haplic Eutrophic Brown Dermosol Medium Non-gravelly Loamy Clayey Deep	Principal Profile Form:	Gn3.22
ASC Confidence:	Great Soil Group:	No suitable

Analytical data are incomplete but reasonable confidence.

Site Disturbance: Highly disturbed, for example, quarrying, roadworks, mining, landfill, urban

Vegetation:

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A1	0 - 0.1 m	Dark brown (7.5YR3/3-Moist); ; Fine sandy loam (Light); Massive grade of structure; Earthy fabric; Dry; Firm consistence; , Calcareous, , , , Gypseous, , , ; Field pH 6 (Raupach, 0.05); Gradual change to -
A3	0.1 - 0.4 m	Brown (7.5YR4/4-Moist); ; Silty loam (Light); Weak grade of structure, 20-50 mm, Subangular blocky; Smooth-ped fabric; Dry; Firm consistence; , Calcareous, , , , Gypseous, , , ; Field pH 7 (Raupach, 0.3); Diffuse change to -
B21	0.4 - 1.2 m	Brown (7.5YR4/4-Moist); ; Fine sandy clay loam (Light); Moderate grade of structure, 20-50 mm, Subangular blocky; Smooth-ped fabric; Dry; Very firm consistence; Very few (0 - 2 %), Manganiferous, Fine (0 - 2 mm), Soft segregations; , Calcareous, , , , Gypseous, , , ; Field pH 8 (Raupach, 0.9); Clear change to -
2B2	1.2 - 1.4 m	Brown (7.5YR4/3-Moist); ; Medium clay; Strong grade of structure, 10-20 mm, Angular blocky; Smooth-ped fabric; Dry; Very firm consistence; Few (2 - 10 %), Manganiferous, Medium (2 -6 mm), Soft segregations; , Calcareous, , , , Gypseous, , , ; Field pH 8 (Raupach, 1.4);

Morphological Notes

Observation Notes

Site Notes

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Laboratory Test Results:

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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