

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 2358 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	Rogers, Gary	Locality:	
Date Desc.:	26/10/94	Elevation:	No Data
Map Ref.:	Sheet No. : 7960 GPS	Rainfall:	No Data
Northing/Long.:	7952042 AMG zone: 55	Runoff:	Moderately rapid
Easting/Lat.:	319781 Datum: AGD66	Drainage:	Imperfectly 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:	Gently undulating plains <9m 1-3%	Pattern Type:	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:	Haplic Eutrophic Brown Kandosol Thick Non-gravelly Loamy Clay-loamy Moderately deep	Mapping Unit:	N/A
		Principal Profile Form:	Gn2.42
ASC Confidence:	Analytical data are incomplete but reasonable confidence.	Great Soil Group:	Yellow earth

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

Vegetation:

Low Strata - Tussock grass, <0.25m, Isolated plants. *Species includes - Themeda triandra
 Mid Strata - Tree mallee, 0.51-1m, Isolated plants. *Species includes - Eucalyptus normantonensis
 Tall Strata - Tree, 6.01-12m, Very sparse. *Species includes - Eucalyptus normantonensis, Eucalyptus
 persists,
 Eucalyptus papuana

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A11	0 - 0.08 m	Very dark greyish brown (10YR3/2-Moist); ; Sandy loam (Heavy); Massive grade of structure; Earthy fabric; Dry; 0-2%, fine gravelly, 2-6mm, subrounded, Quartz, coarse fragments; , Calcareous, , , , Gypseous, , , ; Field pH 6 (Raupach, 0.05);
	0.08 - 0.35 m	Yellowish brown (10YR5/4-Moist); Mottles, 7.5YR58, 0-2% , 0-5mm, Prominent; Mottles, 0-2% ; Sandy clay loam (Light); Weak grade of structure, 10-20 mm, Polyhedral; Smooth-ped fabric; 0-2%, fine gravelly, 2-6mm, subrounded, Quartz, coarse fragments; , Calcareous, , , , Gypseous, , , ; Field pH 5.5 (Raupach, 0.25);
B21	0.35 - 0.65 m	Yellowish brown (10YR5/6-Moist); Mottles, 5YR58, 0-2% , 0-5mm, Prominent; Mottles, 0-2% ; Sandy clay loam; Massive grade of structure; Earthy fabric; Dry; 0-2%, fine gravelly, 2-6mm, subrounded, Quartz, coarse fragments; , Calcareous, , , , Gypseous, , , ; Field pH 5.5 (Raupach, 0.5);
B22	0.65 - 0.8 m	Yellowish brown (10YR5/6-Moist); Mottles, 2.5YR48, 2-10% , 5-15mm, Prominent; Mottles, 2-10% ; Clay loam, sandy (Heavy); Massive grade of structure; Earthy fabric; Dry; 0-2%, fine gravelly, 2-6mm, subrounded, Quartz, coarse fragments; , Calcareous, , , , Gypseous, , , ; Field pH 6 (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

15A2_CA	Exchangeable bases (Ca ²⁺ ,Mg ²⁺ ,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
4A1	pH of 1:5 soil/water suspension