

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 1412 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	Rogers, Gary	Locality:	
Date Desc.:	16/09/92	Elevation:	No Data
Map Ref.:	Sheet No. : 8057 GPS	Rainfall:	No Data
Northing/Long.:	7754994 AMG zone: 55	Runoff:	Slow
Easting/Lat.:	356752 Datum: AGD66	Drainage:	Rapidly drained

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:	Plain
Morph. Type:	No Data	Relief:	No Data
Elem. Type:	Plain	Slope Category:	Gently inclined
Slope:	3 %	Aspect:	No Data

Surface Soil Condition (dry): Firm

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Bleached Dystrophic Yellow Kandosol		Principal Profile Form:	Gn2.31
ASC Confidence:		Great Soil Group:	Yellow earth

No analytical data are available but confidence is fair.

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

Vegetation: Low Strata - Tussock grass, 0.26-0.5m, Very sparse. *Species includes - Chrysopogon fallax, Aristida species
Mid Strata - Tree, 3.01-6m, Sparse. *Species includes - Melaleuca nervosa, Petalostigma pubescens
Tall Strata - Tree, 12.01-20m, Sparse. *Species includes - Eucalyptus polycarpa, Eucalyptus crebra

Surface Coarse Fragments: 0-2%, fine gravelly, 2-6mm, subangular, Quartz

Profile Morphology

A11	0 - 0.08 m	Dark yellowish brown (10YR4/4-Moist); ; Sandy loam; Massive grade of structure; Sandy (grains prominent) fabric; Dry; Weak consistence; , Calcareous, , , , Gypseous, , , Field pH 6 (Raupach, 0.05); Clear change to -
A2j	0.08 - 0.3 m	Yellowish brown (10YR5/4-Moist); ; Sandy loam; Massive grade of structure; Earthy fabric; Dry; Very firm consistence; 2-10%, fine gravelly, 2-6mm, subrounded, Quartz, coarse fragments; , Calcareous, , , , Gypseous, , , Field pH 5.5 (Raupach, 0.2); Gradual change to -
B21	0.3 - 0.7 m	Brownish yellow (10YR6/6-Moist); ; Sandy clay loam; Massive grade of structure; Earthy fabric; Dry; Weak consistence; 2-10%, fine gravelly, 2-6mm, subrounded, Quartz, coarse fragments; , Calcareous, , , , Gypseous, , , Field pH 6 (Raupach, 0.4); Field pH 6 (Raupach, 0.65); Gradual change to -
B22	0.7 - 0.95 m	Pale brown (10YR6/3-Moist); ; Sand (Heavy); Massive grade of structure; Earthy fabric; Dry; Very weak consistence; 20-50%, fine gravelly, 2-6mm, subrounded, Quartz, coarse fragments; , Calcareous, , , , Gypseous, , ,

Morphological Notes

Observation Notes

Site Notes

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Laboratory Test Results:

Depth	pH	1:5 EC		Exchangeable Cations	Exchangeable	CEC	ECEC	ESP
m		dS/m	Ca	Mg	K	Na Cmol (+)/kg	Acidity	%
0 - 0.08	6.3A							
0.08 - 0.3	6.4A							
0.3 - 0.7	5.8A							
0.7 - 0.95	6.2A							

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Laboratory Analyses Completed for this profile

4A1 pH of 1:5 soil/water suspension