

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 1127 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	Rogers, Gary	Locality:	
Date Desc.:	21/05/92	Elevation:	No Data
Map Ref.:	Sheet No. : 8058 GPS	Rainfall:	No Data
Northing/Long.:	7794310 AMG zone: 55	Runoff:	No Data
Easting/Lat.:	367650 Datum: AGD66	Drainage:	Moderately well 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:	Flat	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:	Mapping Unit:	N/A
Reticulate Petroferric Yellow Kandosol Thick Non-gravelly Loamy Clayey Deep	Principal Profile Form:	Gn2.61
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, 0.51-1m, Sparse. *Species includes - Aristida species, Chrysopogon fallax
Mid Strata - Tree, 3.01-6m, Sparse. *Species includes - Eucalyptus melanophloia, Hakea species
Tall Strata - Tree, 6.01-12m, Sparse. *Species includes - Eucalyptus melanophloia

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

Profile Morphology

A11	0 - 0.15 m	Very dark greyish brown (10YR3/2-Moist); ; Sandy loam (Heavy); Massive grade of structure; Earthy fabric; Moist; , Calcareous, , , , Gypseous, , , ; Field pH 6 (Raupach, 0.1); Clear change to -
A12	0.15 - 0.3 m	Dark brown (10YR3/3-Moist); ; Sandy clay loam (Heavy); Massive grade of structure; Earthy fabric; Moist; , Calcareous, , , , Gypseous, , , ; Field pH 6 (Raupach, 0.25); Clear change to -
B2	0.3 - 1 m	Olive yellow (2.5Y6/6-Moist); , 2.5YR36, 2-10% , Distinct; , 2-10% ; Sandy light clay; Massive grade of structure; Earthy fabric; Moist; , Calcareous, , , , Gypseous, , , ; Field pH 6 (Raupach, 0.9); Clear change to -
B/C	1 - 1.25 m	Light yellowish brown (2.5Y6/4-Moist); ; Sandy clay loam (Heavy); Massive grade of structure; Sandy (grains prominent) fabric; Dry; Very many (50 - 100 %), Ferromanganiferous, Coarse (6 - 20 mm), Nodules; , Calcareous, , , , Gypseous, , , ; Field pH 6.5 (Raupach, 1.25);

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 - 0.15	6.2A							
0.15 - 0.3	6.3A							
0.3 - 1	6A							
1 - 1.25	6.5A							

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Laboratory Analyses Completed for this profile

4A1 pH of 1:5 soil/water suspension