

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 2421 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	Rogers, Gary	Locality:	
Date Desc.:	12/05/94	Elevation:	No Data
Map Ref.:	Sheet No. : 8060 GPS	Rainfall:	No Data
Northing/Long.:	7945958 AMG zone: 55	Runoff:	Slow
Easting/Lat.:	361152 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:	Rolling hills 90-300m 10-32%	Pattern Type:	Plateau
Morph. Type:	Upper-slope	Relief:	No Data
Elem. Type:	Hillcrest	Slope Category:	Very gently sloped
Slope:	2 %	Aspect:	No Data

Surface Soil Condition (dry): Soft

Erosion:

Soil Classification

Australian Soil Classification:	Mapping Unit:	N/A
Haplic Eutrophic Red Kandosol Medium Non-gravelly Clay-loamy Clayey Moderately deep	Principal Profile Form:	Gn2.11
ASC Confidence:	Great Soil Group:	Red 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, Mid-dense. *Species includes - Themeda triandra, Heteropogon triticeus, Panicum species
suaveolens Mid Strata - Tree, 6.01-12m, Sparse. *Species includes - Casuarina torulosa, Lophostemon

Tall Strata - Tree, 12.01-20m, Mid-dense. *Species includes - Eucalyptus polycarpa, Lophostemon suaveolens

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A11	0 - 0.1 m	Dark brown (7.5YR3/2-Moist); ; Clay loam, sandy; Moderate grade of structure, 2-5 mm, Granular; Smooth-ped fabric; Moderately moist; , Calcareous, , , , Gypseous, , ; Field pH 6.5 (Raupach, 0.05); Clear change to -
A12	0.1 - 0.25 m	Brown (7.5YR4/4-Moist); ; Clay loam, sandy; Moderate grade of structure, 2-5 mm, Granular; Smooth-ped fabric; Moderately moist; , Calcareous, , , , Gypseous, , ; Field pH 6 (Raupach, 0.2); Clear change to -
B1	0.25 - 0.45 m	Yellowish red (5YR5/8-Moist); ; Clay loam, sandy; Massive grade of structure; Earthy fabric; Moderately moist; , Calcareous, , , , Gypseous, , ; Field pH 5.5 (Raupach, 0.35); Gradual change to -
B21	0.45 - 0.5 m	Dark red (2.5YR3/6-Moist); ; Fine sandy light clay; Weak grade of structure, 20-50 mm, Subangular blocky; Smooth-ped fabric; Moderately moist; , Calcareous, , , , Gypseous, , ; Field pH 5.5 (Raupach, 1);

Morphological Notes

Observation Notes

Site Notes

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Laboratory Test Results:

Depth	pH	1:5 EC	Exchangeable Cations			Exchangeable Acidity		CEC	ECEC	ESP
m		dS/m	Ca	Mg	K	Na				%
						Cmol (+)/kg				

Depth	CaCO3	Organic C	Avail. P	Total P	Total N	Total K	Bulk Density	Particle Size	Analysis
m	%	%	mg/kg	%	%	%	Mg/m3	GV CS FS	Silt Clay
								%	

Depth	COLE	Gravimetric/Volumetric Water Contents						K sat	K unsat
m		Sat.	0.05 Bar	0.1 Bar	0.5 Bar	1 Bar	5 Bar	15 Bar	
					g/g -	m3/m3			mm/h

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Laboratory Analyses Completed for this profile