

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 1128 **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.:	7793339 AMG zone: 55	Runoff:	No Data
Easting/Lat.:	368180 Datum: AGD66	Drainage:	No Data

Geology

Exposure Type:	No Data	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	No Data	Substrate Material:	Existing vertical exposure, No Data

Land Form

Rel/Slope Class:	Gently undulating plains <9m 1-3%	Pattern Type:	Plain
Morph. Type:	Mid-slope	Relief:	No Data
Elem. Type:	Hillslope	Slope Category:	Gently inclined
Slope:	5 %	Aspect:	No Data

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:	Mapping Unit:	N/A
Reticulate Petroferric Red Kandosol Thick Moderately gravelly Sandy Clay-loamy Moderately deep	Principal Profile Form:	Dr2.61
ASC Confidence:	Great Soil Group:	Red podzolic soil
No analytical data are available but confidence is fair.		

Site Disturbance: Extensive clearing, for example poisoning, ringbarking

Vegetation: Low Strata - Tussock grass, 0.51-1m, Sparse. *Species includes - Aristida species, Chrysopogon fallax
Mid Strata - Tree, 3.01-6m, Sparse. *Species includes - Petalostigma pubescens, Eucalyptus polycarpa, Hakea
species

Tall Strata - Tree, 12.01-20m, Isolated plants. *Species includes - Eucalyptus papuana

Surface Coarse Fragments: 20-50%, fine gravelly, 2-6mm, subangular, Quartz

Profile Morphology

A11	0 - 0.1 m	Dark brown (7.5YR3/2-Moist); ; Clayey sand (Heavy); Massive grade of structure; Sandy (grains prominent) fabric; 10-20%, fine gravelly, 2-6mm, subangular, Quartz, coarse fragments; , Calcareous, , , , Gypseous, , ;
A12	0.1 - 0.17 m	Dark reddish brown (5YR3/2-Moist); ; Clayey sand (Heavy); Massive grade of structure; Earthy fabric; 10-20%, fine gravelly, 2-6mm, subangular, Quartz, coarse fragments; , Calcareous, , , , Gypseous, , ; Field pH 6 (Raupach, 0.15);
A2	0.17 - 0.42 m	Yellowish red (5YR4/6-Moist); ; Clayey sand; Massive grade of structure; Earthy fabric; 10-20%, medium gravelly, 6-20mm, subangular, Quartz, coarse fragments; , Calcareous, , , , Gypseous, , ; Field pH 6.5 (Raupach, 0.4);
B2	0.42 - 0.95 m	Red (10R4/6-Moist); ; Sandy clay loam; Massive grade of structure; Earthy fabric; 50-90%, medium gravelly, 6-20mm, subangular, Quartz, coarse fragments; , Calcareous, , , , Gypseous, , ; Field pH 6.5 (Raupach, 0.9);

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

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Laboratory Analyses Completed for this profile