

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 1525 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	Rogers, Gary	Locality:	
Date Desc.:	14/10/92	Elevation:	No Data
Map Ref.:	Sheet No. : 8056 GPS	Rainfall:	No Data
Northing/Long.:	7695664 AMG zone: 55	Runoff:	Moderately rapid
Easting/Lat.:	362590 Datum: AGD66	Drainage:	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:	Rolling low hills 30-90m 10-	Pattern Type:	Hills
Morph. Type:	Upper-slope	Relief:	No Data
Elem. Type:	Hillslope	Slope Category:	Gently inclined
Slope:	5 %	Aspect:	No Data

Surface Soil Condition (dry): Firm

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Bleached Dystrophic Brown Kandosol Medium Very gravelly Sandy Clay-loamy Moderately deep		Principal Profile Form:	Gn1.34

ASC Confidence:		Great Soil Group:	N/A
No analytical data are available but confidence is fair.			

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

Vegetation: Low Strata - Hummock grass, 0.26-0.5m, Sparse. *Species includes - Triodia mitchellii, Cymbopogon bombycinus,

Spathia neurosa Mid Strata - Tree, 1.01-3m, Sparse. *Species includes - Petalostigma pubescens

Tall Strata - Tree, 3.01-6m, Sparse. *Species includes - Eucalyptus similis

Surface Coarse Fragments: 50-90%, stony, 200-600mm, rounded, Substrate material

Profile Morphology

A11	0 - 0.03 m	Very dark greyish brown (10YR3/2-Moist); ; Loamy sand; Single grain grade of structure; Sandy (grains prominent) fabric; Dry; 50-90%, coarse gravelly, 20-60mm, subrounded, Quartz, coarse fragments; , Calcareous, , , , Gypseous, , ; Field pH 6 (Raupach, 0.02); Abrupt change to -
A12	0.03 - 0.25 m	Dark brown (10YR3/3-Moist); ; Loamy sand; Single grain grade of structure; Sandy (grains prominent) fabric; Dry; 50-90%, coarse gravelly, 20-60mm, subrounded, Quartz, coarse fragments; , Calcareous, , , , Gypseous, , ; Field pH 6 (Raupach, 0.2); Clear change to -
A2e	0.25 - 0.35 m	Light brown (7.5YR6/4-Moist); ; Sandy loam; Single grain grade of structure; Sandy (grains prominent) fabric; Dry; 50-90%, coarse gravelly, 20-60mm, subrounded, Quartz, coarse fragments; , Calcareous, , , , Gypseous, , ; Field pH 6 (Raupach, 0.3); Clear change to -
B2	0.35 - 0.55 m	Reddish yellow (7.5YR7/6-Moist); ; Sandy clay loam; Massive grade of structure; Sandy (grains prominent) fabric; Dry; 20-50%, medium gravelly, 6-20mm, subrounded, Quartz, coarse fragments; , Calcareous, , , , Gypseous, , ; Field pH 6 (Raupach, 0.5);

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