

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 1481 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	Barry, Earl	Locality:	
Date Desc.:	14/10/92	Elevation:	No Data
Map Ref.:	Sheet No. : 8056 GPS	Rainfall:	No Data
Northing/Long.:	7686602 AMG zone: 55	Runoff:	Slow
Easting/Lat.:	363185 Datum: AGD66	Drainage:	Well drained

Geology

ExposureType:	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:	Level plain <9m <1%	Pattern Type:	Plain
Morph. Type:	Flat	Relief:	No Data
Elem. Type:	Plain	Slope Category:	Level
Slope:	1 %	Aspect:	No Data

Surface Soil Condition (dry): Soft

Erosion:

Soil Classification

Australian Soil Classification:	Mapping Unit:	N/A
Basic Regolithic Orthic Tenosol Medium Non-gravelly Sandy Loamy Moderately deep	Principal Profile Form:	Uc4.21
ASC Confidence:	Great Soil Group:	Siliceous sand

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, Heteropogon contortus, Chrysopogon fallax
Mid Strata - Tree, 3.01-6m, Very sparse. *Species includes - Petalostigma pubescens, Eucalyptus species

Tall Strata - Tree, 12.01-20m, Sparse. *Species includes - Eucalyptus similis, Eucalyptus polycarpa, Eucalyptus crebra

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A1	0 - 0.12 m	Strong brown (7.5YR4/6-Moist); ; Loamy sand; Massive grade of structure; Earthy fabric; Dry; Very weak consistence; , Calcareous, , , , Gypseous, , ; Field pH 6 (Raupach, 0.05); Clear change to -
A2	0.12 - 0.37 m	Strong brown (7.5YR5/6-Moist); ; Loamy sand (Heavy); Single grain grade of structure; Dry; Very weak consistence; , Calcareous, , , , Gypseous, , ; Field pH 6.5 (Raupach, 0.3); Gradual change to -
B21	0.37 - 0.6 m	Yellowish red (5YR5/8-Moist); ; Sandy loam; Single grain grade of structure; Dry; Very weak consistence; , Calcareous, , , , Gypseous, , ; Field pH 7 (Raupach, 0.6);

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	CS	Size FS	Analysis 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