

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 488 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	Barry, Earl	Locality:	
Date Desc.:	18/11/91	Elevation:	160 metres
Map Ref.:	Sheet No. : 8256 GPS	Rainfall:	No Data
Northing/Long.:	7701143 AMG zone: 55	Runoff:	No Data
Easting/Lat.:	482973 Datum: AGD66	Drainage:	No Data

Geology

ExposureType:	No Data	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	No Data	Substrate Material:	No Data

Land Form

Rel/Slope Class:	Gently undulating plains <9m 1-3%	Pattern Type:	Plateau
Morph. Type:	Flat	Relief:	No Data
Elem. Type:	Plain	Slope Category:	Level
Slope:	%	Aspect:	No Data

Surface Soil Condition (dry): Soft

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Basic Ferric Bleached-Leptic Tenosol Thin Non-gravelly		Principal Profile Form:	Uc2.3
Sandy Sandy Moderately deep			
ASC Confidence:		Great Soil Group:	No suitable

All necessary analytical data are available.

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

Vegetation: Low Strata - Tussock grass, 0.26-0.5m, Mid-dense. *Species includes - None recorded
Mid Strata - Tree, 3.01-6m, Sparse. *Species includes - Petalostigma pubescens, Acacia species
Tall Strata - Tree, 6.01-12m, Sparse. *Species includes - Eucalyptus polycarpa, Melaleuca nervosa

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A1	0 - 0.08 m	Dark greyish brown (10YR4/2-Moist); ; Sand; Single grain grade of structure; Moist; Loose consistence; , Calcareous, , , , Gypseous, , ; Gradual, Smooth change to -
A2e	0.08 - 0.6 m	Light brown (7.5YR6/4-Moist); ; Sand; Single grain grade of structure; Dry; Loose consistence; 10-20%, fine gravelly, 2-6mm, subrounded, dispersed, Quartz, coarse fragments; , Calcareous, , , , Gypseous, , ; Field pH 7.5 (Raupach, 0.3); Field pH 7.5 (Raupach, 0.6);
C/D	0.6 - 0.7 m	; , Calcareous, , , , Gypseous, , ;

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
		Sat.	0.05 Bar	0.1 Bar	0.5 Bar	1 Bar	5 Bar	15 Bar	
m					g/g -	m3/m3			mm/h mm/h

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Laboratory Analyses Completed for this profile