

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 952 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	Bright, J (Mitch)	Locality:	
Date Desc.:	01/09/92	Elevation:	No Data
Map Ref.:	Sheet No. : 8057 GPS	Rainfall:	No Data
Northing/Long.:	7767662 AMG zone: 55	Runoff:	Slow
Easting/Lat.:	364100 Datum: AGD66	Drainage:	Rapidly 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:	Undulating plains <9m 3-10%	Pattern Type:	Plain
Morph. Type:	No Data	Relief:	No Data
Elem. Type:	Plain	Slope Category:	Gently inclined
Slope:	3 %	Aspect:	No Data

Surface Soil Condition (dry): Loose

Erosion:

Soil Classification

Australian Soil Classification:	Mapping Unit:	N/A
Basic Regolithic Bleached-Leptic Tenosol Thick Slightly gravelly Sandy Sandy Moderately deep	Principal Profile Form:	Uc2.21
ASC Confidence: All necessary analytical data are available.	Great Soil Group:	Siliceous sand

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

Vegetation: Low Strata - Tussock grass, 0.51-1m, Sparse. *Species includes - Eriachne species, Sporobolus caroli
Mid Strata - , , . *Species includes - None recorded
Tall Strata - Tree, 1.01-3m, Mid-dense. *Species includes - Acacia species, Eucalyptus peltata

Surface Coarse Fragments: 2-10%, fine gravelly, 2-6mm, subangular, Quartz

Profile Morphology

A1	0 - 0.05 m	Very dark greyish brown (10YR3/2-Moist); ; Loamy sand; Single grain grade of structure; Sandy (grains prominent) fabric; , Calcareous, , ; , Gypseous, , ; Field pH 5.5 (Raupach, 0.05); Clear change to -
A2j	0.05 - 0.55 m	Very dark brown (10YR2/3-Moist); ; Clayey sand; Single grain grade of structure; Sandy (grains prominent) fabric; , 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		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	mm/h

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Laboratory Analyses Completed for this profile