

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 979 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	Bright, J (Mitch)	Locality:	
Date Desc.:	14/09/92	Elevation:	No Data
Map Ref.:	Sheet No. : 8057 GPS	Rainfall:	No Data
Northing/Long.:	7781382 AMG zone: 55	Runoff:	Moderately rapid
Easting/Lat.:	386625 Datum: AGD66	Drainage:	Imperfectly 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:	Gently undulating plains <9m 1-3%	Pattern Type:	Plain
Morph. Type:	Simple-slope	Relief:	No Data
Elem. Type:	Hillslope	Slope Category:	Very gently sloped
Slope:	2 %	Aspect:	No Data

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:	Mapping Unit:	N/A
Haplic Eutrophic Yellow Kandosol Thick Non-gravelly Loamy Clayey Moderately deep	Principal Profile Form:	Dy2.51
ASC Confidence:	Great Soil Group:	Yellow podzolic soil
No analytical data are available but confidence is fair.		

Site Disturbance: Complete clearing. Pasture, native or improved, but never cultivated

Vegetation: Low Strata - Tussock grass, 0.26-0.5m, Sparse. *Species includes - Chrysopogon fallax, Aristida species
Mid Strata - , , . *Species includes - None recorded
Tall Strata - Tree, 1.01-3m, Mid-dense. *Species includes - Acacia spectabilis, Eucalyptus melanophloia

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A11	0 - 0.1 m	Very dark grey (10YR3/1-Moist); ; Sandy loam; Massive grade of structure; Sandy (grains prominent) fabric; , Calcareous, , , , Gypseous, , ; Field pH 6 (Raupach, 0.05); Clear change to -
A12	0.1 - 0.3 m	Dark greyish brown (10YR4/2-Moist); ; Sandy clay loam; Massive grade of structure; Earthy fabric; , Calcareous, , , , Gypseous, , ; Field pH 6 (Raupach, 0.2); Field pH 6 (Raupach, 0.25); Gradual change to -
B21	0.3 - 0.5 m	Brownish yellow (10YR6/6-Moist); ; Sandy light clay; Massive grade of structure; Earthy fabric; , Calcareous, , , , Gypseous, , ; Gradual change to -
B22	0.5 - 0.85 m	Brownish yellow (10YR6/6-Moist); ; Sandy light medium clay; Massive grade of structure; Earthy fabric; , Calcareous, , , , Gypseous, , ; Field pH 6.5 (Raupach, 0.55);

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	Acidity		%
						Cmol (+)/kg			

0 - 0.1	5.8A
0.5 - 0.85	6.5A

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

0 - 0.1
0.5 - 0.85

[illegible]

0 - 0.1
0.5 - 0.85

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Laboratory Analyses Completed for this profile

4A1 pH of 1:5 soil/water suspension