

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 980 **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.:	7780078 AMG zone: 55	Runoff:	Rapid
Easting/Lat.:	385357 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:	Gently undulating plains <9m 1-3%	Pattern Type:	Plain
Morph. Type:	Open depression (vale)	Relief:	No Data
Elem. Type:	Hillslope	Slope Category:	Very gently sloped
Slope:	3 %	Aspect:	No Data

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:	Mapping Unit:	N/A
Mottled Mesotrophic Brown Kandosol Medium Non-gravelly	Principal Profile Form:	Gn2.81
Loamy Clay-loamy Moderately deep	Great Soil Group:	Grey earth
ASC Confidence:		

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, <0.25m, Mid-dense. *Species includes - Chrysopogon fallax, Heteropogon contortus

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

A1	0 - 0.15 m	Very dark grey (10YR3/1-Moist); ; Sandy loam; Massive grade of structure; Sandy (grains prominent) fabric; , Calcareous, , , , Gypseous, , , Field pH 6.5 (Raupach, 0.1); Clear change to -
B1	0.15 - 0.45 m	Brown (10YR5/3-Moist); Mottles, 10YR6/8, 2-10% , 0-5mm, Prominent; Mottles, 2-10% ; Sandy clay loam (Light); Massive grade of structure; Earthy fabric; , Calcareous, , , , Gypseous, , , Field pH 5.5 (Raupach, 0.35); Clear change to -
B2	0.45 - 0.8 m	Light yellowish brown (10YR6/4-Moist); Mottles, 7.5YR5/8, 2-10% , 0-5mm, Prominent; Mottles, 2-10% ; Sandy clay loam (Heavy); Massive grade of structure; Earthy fabric; , Calcareous, , , , Gypseous, , , Field pH 6 (Raupach, 0.7);

Morphological Notes

Observation Notes

Site Notes

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Laboratory Test Results:

[illegible][illegible][illegible]

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Laboratory Analyses Completed for this profile

4A1 pH of 1:5 soil/water suspension