

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 1456 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	Bright, J (Mitch)	Locality:	
Date Desc.:	01/10/92	Elevation:	No Data
Map Ref.:	Sheet No. : 8056 GPS	Rainfall:	No Data
Northing/Long.:	7721464 AMG zone: 55	Runoff:	Moderately rapid
Easting/Lat.:	387603 Datum: AGD66	Drainage:	Moderately 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:	Gently undulating plains <9m 1-3%	Pattern Type:	Plain
Morph. Type:	Flat	Relief:	No Data
Elem. Type:	Plain	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 Brown Kandosol		Principal Profile Form:	Gn2.15
ASC Confidence:		Great Soil Group:	Yellow earth

Analytical data are incomplete but reasonable confidence.

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

Vegetation: Low Strata - Tussock grass, 0.51-1m, Sparse. *Species includes - Aristida species, Chrysopogon fallax, Eriachne species
Mid Strata - Tree, 3.01-6m, Sparse. *Species includes - Eucalyptus melanophloia, Grevillea parallela
Tall Strata - Tree, 6.01-12m, Sparse. *Species includes - Eucalyptus melanophloia, Eucalyptus papuana, Eucalyptus erythrophloia

Surface Coarse Fragments: 0-2%, fine gravelly, 2-6mm, subangular, Quartz

Profile Morphology

A1	0 - 0.04 m	Very dark grey (10YR3/1-Moist); ; Sandy clay loam; Massive grade of structure; Earthy fabric; Dry; Weak consistence; , Calcareous, , , , Gypseous, , ; Field pH 6 (Raupach, 0.02); Clear change to -
A2	0.04 - 0.12 m	Dark brown (10YR3/3-Moist); ; Sandy clay loam (Heavy); Massive grade of structure; Earthy fabric; Dry; Firm consistence; , Calcareous, , , , Gypseous, , ; Field pH 7 (Raupach, 0.1); Gradual change to -
B1	0.12 - 0.4 m	Yellowish brown (10YR5/4-Moist); ; Clay loam, sandy; Massive grade of structure; Earthy fabric; Dry; Very firm consistence; 0-2%, fine gravelly, 2-6mm, subrounded, Quartz, coarse fragments; , Calcareous, , , , Gypseous, , ; Field pH 6.5 (Raupach, 0.3); Gradual change to -
B2	0.4 - 0.5 m	Yellowish brown (10YR5/8-Moist); ; Sandy light clay; Massive grade of structure; Earthy fabric; Dry; Strong consistence; 2-10%, fine gravelly, 2-6mm, subrounded, Quartz, coarse fragments; Few (2 - 10 %), Ferromanganiferous, Medium (2 -6 mm), Nodules; , 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			%

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Laboratory Analyses Completed for this profile