

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 412 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	M. DeCorte	Locality:	
Date Desc.:	04/09/91	Elevation:	260 metres
Map Ref.:	Sheet No. : 8156 GPS	Rainfall:	No Data
Northing/Long.:	7722096 AMG zone: 55	Runoff:	Very slow
Easting/Lat.:	431599 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, Sandstone

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:	Level
Slope:	%	Aspect:	No Data

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:	Mapping Unit:	N/A
Haplic Eutrophic Yellow Kandosol Thin Non-gravelly Clay-loamy Clayey Moderately deep	Principal Profile Form:	Gn2.32
ASC Confidence:	Great Soil Group:	Yellow earth
No analytical data are available but confidence is fair.		

Site Disturbance: Extensive clearing, for example poisoning, ringbarking

Vegetation: Low Strata - Tussock grass, <0.25m, Sparse. *Species includes - Eragrostis species, Aristida species
Mid Strata - Tree, 1.01-3m, Isolated plants. *Species includes - Eucalyptus melanophloia
Tall Strata - Tree, 6.01-12m, Isolated plants. *Species includes - Eucalyptus melanophloia

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A1	0 - 0.05 m	Dark greyish brown (10YR4/2-Moist); ; Sandy clay loam; Massive grade of structure; Earthy fabric; Dry; Very firm consistence; , Calcareous, , , , Gypseous, , ; Field pH 6 (Raupach, 0.05); Clear change to -
A2j	0.05 - 0.2 m	Greyish brown (10YR5/2-Moist); ; Clay loam; Massive grade of structure; Earthy fabric; Dry; Very firm consistence; , Calcareous, , , , Gypseous, , ; Clear change to -
B21	0.2 - 0.52 m	Brownish yellow (10YR6/6-Moist); ; Light clay; Massive grade of structure; Earthy fabric; Dry; Very firm consistence; Common (10 - 20 %), Manganiferous, Coarse (6 - 20 mm), Nodules; , Calcareous, , , , Gypseous, , ; Field pH 6 (Raupach, 0.5); Clear change to -
B/C	0.52 - 0.9 m	; Massive grade of structure; Earthy fabric; Dry; Very firm consistence; 2-10%, medium gravelly, 6-20mm, angular, dispersed, Sandstone, coarse fragments; Common (10 - 20 %), Manganiferous, Coarse (6 - 20 mm), Nodules; , Calcareous, , , , Gypseous, , ; Field pH 7.5

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