

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 1812 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	M.G. Cannon	Locality:	
Date Desc.:	25/05/93	Elevation:	No Data
Map Ref.:	Sheet No. : 8255 GPS	Rainfall:	No Data
Northing/Long.:	7660203 AMG zone: 55	Runoff:	No Data
Easting/Lat.:	473069 Datum: AGD66	Drainage:	No Data

Geology

Exposure Type:	No Data	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	No Data	Substrate Material:	No Data

Land Form

Rel/Slope Class:	Level plain <9m <1%	Pattern Type:	Alluvial plain
Morph. Type:	Flat	Relief:	No Data
Elem. Type:	Plain	Slope Category:	Level
Slope:	1 %	Aspect:	No Data

Surface Soil Condition (dry): Hardsetting, Loose

Erosion:

Soil Classification

Australian Soil Classification:	Mapping Unit:	N/A
Haplic Mesotrophic Red Kandosol Thin Non-gravelly Clay-loamy Clay-loamy Very deep	Principal Profile Form:	Um5.52
ASC Confidence:	Great Soil Group:	Red earth

Analytical data are incomplete but reasonable confidence.

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

Vegetation: Low Strata - , , . *Species includes - None recorded
Mid Strata - Tree, 6.01-12m, Sparse. *Species includes - Eucalyptus tessellaris, Eucalyptus tereticornis
Tall Strata - Tree, 12.01-20m, Isolated plants. *Species includes - Eucalyptus tessellaris, Eucalyptus brownii, Eucalyptus tereticornis

Surface Coarse Fragments:

Profile Morphology

A11	0 - 0.08 m	Very dark greyish brown (10YR3/2-Moist); ; Fine sandy clay loam; Single grain grade of structure; Earthy fabric; Dry; Very weak consistence; , Calcareous, , , , Gypseous, , , Field pH 7.5 (Raupach, 0.05);
A12	0.08 - 0.22 m	Brown (10YR4/3-Moist); ; Sandy clay loam; Single grain grade of structure; Earthy fabric; Dry; Very weak consistence; , Calcareous, , , , Gypseous, , , Field pH 7.5 (Raupach, 0.15);
B1	0.22 - 0.45 m	Strong brown (7.5YR4/6-Moist); ; Fine sandy clay loam; Earthy fabric; Dry; Firm consistence; , Calcareous, , , , Gypseous, , , Field pH 7.5 (Raupach, 0.3);
B2	0.45 - 1.7 m	Yellowish red (5YR4/6-Moist); ; Sandy clay loam (Light); Earthy fabric; Dry; Firm consistence; , Calcareous, , , , Gypseous, , , Field pH 8 (Raupach, 1.7);

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 GV	Size CS	Analysis FS	Silt	Clay
m	%	%	mg/kg	%	%	%	Mg/m3			%		

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