

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 933 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	M.G. Cannon	Locality:	
Date Desc.:	14/05/92	Elevation:	No Data
Map Ref.:	Sheet No. : 8156 GPS	Rainfall:	No Data
Northing/Long.:	7697183 AMG zone: 55	Runoff:	No Data
Easting/Lat.:	410431 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:	Plain
Morph. Type:	Flat	Relief:	No Data
Elem. Type:	Plain	Slope Category:	Level
Slope:	1 %	Aspect:	No Data

Surface Soil Condition (dry): Surface crust, Cracking

Erosion:

Soil Classification

Australian Soil Classification:	Mapping Unit:	N/A
Haplic Crusty Brown Vertosol Slightly gravelly Medium fine	Principal Profile Form:	Ug5.3
Very fine Moderately deep	Great Soil Group:	Brown clay

ASC Confidence:

No analytical data are available but confidence is fair.

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

Vegetation:

Low Strata - , , . *Species includes - None recorded
Mid Strata - , , . *Species includes - None recorded
Tall Strata - Tree, 6.01-12m, Very sparse. *Species includes - Eucalyptus brownii

Surface Coarse Fragments: 2-10%, coarse gravelly, 20-60mm, subrounded,

Profile Morphology

A1	0 - 0.01 m	Brown (10YR4/3-Moist); ; Light clay; Moderate grade of structure, 2-5 mm, Platy; Moderately moist; 2-10%, fine gravelly, 2-6mm, rounded, Quartzite, coarse fragments; , Calcareous, , ; , Gypseous, , ;
B21	0.01 - 0.2 m	Brown (10YR4/3-Moist); ; Light clay; Moderate grade of structure, 20-50 mm, Angular blocky; Dry; , Calcareous, , ; , Gypseous, , ; Field pH 6 (Raupach, 0.05);
B22	0.2 - 0.3 m	Dark brown (10YR3/3-Moist); ; Heavy clay; Moderate grade of structure, 20-50 mm, Angular blocky; Dry; 10-20%, medium gravelly, 6-20mm, rounded, Quartzite, coarse fragments; , Calcareous, , ; , Gypseous, , ;
B23	0.3 - 0.5 m	Dark brown (10YR3/3-Moist); ; Heavy clay; Moderate grade of structure, 20-50 mm, Angular blocky; Dry; 20-50%, medium gravelly, 6-20mm, rounded, Quartzite, coarse fragments; , Calcareous, , ; , Gypseous, , ; Field pH 8 (Raupach, 0.5);

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
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