

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 940 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	M.G. Cannon	Locality:	
Date Desc.:	15/05/92	Elevation:	No Data
Map Ref.:	Sheet No. : 8156 GPS	Rainfall:	No Data
Northing/Long.:	7698960 AMG zone: 55	Runoff:	No Data
Easting/Lat.:	407528 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:	Gently undulating plains <9m 1-3%	Pattern Type:	Plain
Morph. Type:	Flat	Relief:	No Data
Elem. Type:	Plain	Slope Category:	Gently inclined
Slope:	2 %	Aspect:	No Data

Surface Soil Condition (dry): Cracking, Surface flake

Erosion:

Soil Classification

Australian Soil Classification:	Mapping Unit:	N/A
Endocalcareous Self-Mulching Grey Vertosol Non-gravelly	Principal Profile Form:	Ug5.24
Medium fine Very fine Very deep		
ASC Confidence:	Great Soil Group:	Grey clay
No analytical data are available but confidence is fair.		

Site Disturbance: Complete clearing. Pasture, native or improved, but never cultivated

Vegetation:

Surface Coarse Fragments:

Profile Morphology

A11	0 - 0.3 m	Grey (10YR5/1-Moist); ; Light medium clay; Moderate grade of structure, 10-20 mm; Smooth-ped fabric; Moderately moist; Very weak consistence; 2-10%, fine gravelly, 2-6mm, rounded, dispersed, Quartz, coarse fragments; , Calcareous, , , , Gypseous, , ; Field pH 6 (Raupach,
A12	0.3 - 0.6 m	Grey (10YR5/1-Moist); ; Medium heavy clay; Moderate grade of structure, 10-20 mm, Angular blocky; Smooth-ped fabric; Dry; Very strong consistence; 2-10%, fine gravelly, 2-6mm, rounded, dispersed, Quartz, coarse fragments; , Calcareous, , , , Gypseous, , ; Field pH 6
B21c	0.6 - 1.4 m	Dark grey (10YR4/1-Moist); ; Medium heavy clay; Moderate grade of structure, 10-20 mm, Angular blocky; Smooth-ped fabric; Moderately moist; Very firm consistence; 0-2%, fine gravelly, 2-6mm, rounded, dispersed, Quartz, coarse fragments; Few cutans, <10% of ped faces or walls coated, faint; Few (2 - 10 %), Calcareous, Medium (2 -6 mm), Soft segregations; , Gypseous, , ; Field pH 8.5 (Raupach, 1); Field pH 8.5 (Raupach, 1.2);
B22	1.4 - 2.4 m	Grey (10YR5/1-Moist); Mottles, 10YR61, 2-10% , 5-15mm, Distinct; Mottles, 2-10% ; Medium heavy clay; Moderate grade of structure, 10-20 mm, Angular blocky; Moderately moist; Very firm consistence; 0-2%, fine gravelly, 2-6mm, rounded, dispersed, Quartz, coarse fragments; Few cutans, <10% of ped faces or walls coated, faint; , Calcareous, , , , Gypseous, , ; Field pH 8.5 (Raupach, 2.4);
	2.4 - 2.41 m	; , Calcareous, , , , Gypseous, , ;

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