

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 932 **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

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:	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
Endoacidic Crusty Grey Vertosol Non-gravelly Medium fine Very fine Very deep		Principal Profile Form:	Ug5.24
ASC Confidence:		Great Soil Group:	Grey clay

No analytical data are available but confidence is fair.

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

Vegetation:

Surface Coarse Fragments: 0-2%, medium gravelly, 6-20mm, rounded, Quartz

Profile Morphology

A11	0 - 0.01 m	Grey (10YR5/1-Moist); ; Medium heavy clay; Moderate grade of structure, <2 mm, Platy; Smooth-ped fabric; Moderately moist; Very firm consistence; , Manganiferous, , , , Calcareous, , , , Gypseous, , , ;
A12	0.01 - 0.1 m	Grey (10YR5/1-Moist); ; Medium heavy clay; Strong grade of structure, 10-20 mm, Angular blocky; Smooth-ped fabric; Moderately moist; Very firm consistence; , Manganiferous, , , , Calcareous, , , , Gypseous, , , ; Field pH 7 (Raupach, 0.05);
A13	0.1 - 0.4 m	Dark grey (10YR4/1-Moist); ; Medium heavy clay; Strong grade of structure, 10-20 mm, Angular blocky; Smooth-ped fabric; Moderately moist; Very firm consistence; Common cutans, 10-50% of ped faces or walls coated, distinct; , Manganiferous, , , , Calcareous, , , , Gypseous, , , ;
B21	0.4 - 1.2 m	Brown (10YR5/3-Moist); ; Medium heavy clay; Strong grade of structure, 10-20 mm, Angular blocky; Smooth-ped fabric; Moderately moist; Very firm consistence; Common cutans, 10-50% of ped faces or walls coated, distinct; , Manganiferous, , , , Calcareous, , , , Gypseous, , , ; Field pH 6 (Raupach, 1);
B22	1.2 - 2.1 m	Brown (10YR5/3-Moist); ; Medium heavy clay; Weak grade of structure, 2-5 mm, Angular blocky; Smooth-ped fabric; Moderately moist; Very firm consistence; , Manganiferous, , , , Calcareous, , , , Gypseous, , , ; Field pH 4.5 (Raupach, 2.1);

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	%
0.01 - 0.1	7.4A							
0.4 - 1.2	6.9A							
1.2 - 2.1	5.6A							

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Laboratory Analyses Completed for this profile

4A1 pH of 1:5 soil/water suspension