

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 924 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	M.G. Cannon	Locality:	
Date Desc.:	23/04/92	Elevation:	No Data
Map Ref.:	Sheet No. : 8156 GPS	Rainfall:	No Data
Northing/Long.:	7711589 AMG zone: 55	Runoff:	No Data
Easting/Lat.:	433288 Datum: AGD66	Drainage:	No Data

Geology

ExposureType:	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:	Haplic Epipedal Black Vertosol Non-gravelly Medium fine Very fine Very deep	Mapping Unit:	N/A
		Principal Profile Form:	Ug5.16
ASC Confidence:	No analytical data are available but confidence is fair.	Great Soil Group:	Black earth

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

Vegetation: Low Strata - Tussock grass, 0.51-1m, Mid-dense. *Species includes - Dichanthium species, Eulalia aurea (ex fulva)

Mid Strata - , , . *Species includes - None recorded

Tall Strata - , , . *Species includes - None Recorded

Surface Coarse Fragments:

Profile Morphology

A11	0 - 0.02 m	Very dark grey (2.5Y3/1-Moist); ; Medium clay; Weak grade of structure, <2 mm, Platy; Smooth-ped fabric; Dry; Weak consistence; 0-2%, fine gravelly, 2-6mm, rounded, dispersed, Quartz, coarse fragments; , Calcareous, , , , Gypseous, , ; Field pH 8 (Raupach, 0.02);
A12	0.02 - 0.12 m	Very dark grey (2.5Y3/1-Moist); ; Medium heavy clay; Strong grade of structure, 20-50 mm, Angular blocky; Smooth-ped fabric; Dry; Very firm consistence; 0-2%, fine gravelly, 2-6mm, rounded, dispersed, Quartz, coarse fragments; , Calcareous, , , , Gypseous, , ; Field pH 8.5 (Raupach, 0.1);
B21	0.12 - 1.15 m	Very dark grey (2.5Y3/1-Moist); ; Medium heavy clay; Strong grade of structure, 10-20 mm, Angular blocky; Smooth-ped fabric; Moderately moist; Very strong consistence; 0-2%, fine gravelly, 2-6mm, rounded, dispersed, Quartz, coarse fragments; Few (2 - 10 %), Calcareous, Medium (2 -6 mm), Nodules; , Gypseous, , ; Field pH 8.5 (Raupach, 0.7);
B22	1.15 - 1.6 m	Light olive brown (2.5Y5/4-Moist); Mottles, 2.5Y66, 2-10% , 5-15mm, Distinct; Mottles, 2-10% ; Medium heavy clay; Strong grade of structure, 10-20 mm, Angular blocky; Smooth-ped fabric; Moderately moist; Very strong consistence; Common cutans, 10-50% of ped faces or walls coated, distinct; Many (20 - 50 %), Manganiferous, Medium (2 -6 mm), Veins; , Calcareous, , , , Gypseous, , ; Field pH 8 (Raupach, 1.5);
B23	1.6 - 1.8 m	Light olive brown (2.5Y5/4-Moist); Mottles, 7.5YR66, 10-20% , 5-15mm, Distinct; Mottles, 10-20% ; Medium heavy clay; Strong grade of structure, 10-20 mm, Angular blocky; Smooth-ped fabric; Moderately moist; Very strong consistence; Common cutans, 10-50% of ped faces or walls coated, distinct; , Calcareous, , , , Gypseous, , ; Field pH 6 (Raupach, 1.8);

Morphological Notes

Observation Notes

Site Notes

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrypmle Shire, QLD
Project Code: DLR **Site ID:** 924 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Laboratory Test Results:

[illegible][illegible][illegible]

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrypmle Shire, QLD
Project Code: DLR **Site ID:** 924 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Laboratory Analyses Completed for this profile

4A1 pH of 1:5 soil/water suspension