

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 2281 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	M.G. Cannon	Locality:	
Date Desc.:	02/11/93	Elevation:	No Data
Map Ref.:	Sheet No. : 7959 GPS	Rainfall:	No Data
Northing/Long.:	7856648 AMG zone: 55	Runoff:	No Data
Easting/Lat.:	315912 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, Sandstone

Land Form

Rel/Slope Class:	Undulating rises 9-30m 3-10%	Pattern Type:	Rises
Morph. Type:	No Data	Relief:	No Data
Elem. Type:	Hillslope	Slope Category:	Gently inclined
Slope:	4 %	Aspect:	No Data

Surface Soil Condition (dry): Firm

Erosion:

Soil Classification

Australian Soil Classification:	Mapping Unit:	N/A
Mesotrophic Mottled-Subnatric Grey Sodosol Medium Non-gravelly Clay-loamy Clayey Shallow	Principal Profile Form:	Dy3.43
ASC Confidence:	Great Soil Group:	Solodic soil

No analytical data are available but confidence is fair.

Site Disturbance: Limited clearing, for example selective logging

Vegetation: Low Strata - Tussock grass, 0.26-0.5m, Isolated plants. *Species includes - Unknown species, Unknown species,
Unknown species Mid Strata - Tree, 3.01-6m, Sparse. *Species includes - Eucalyptus persistens, Eremophila mitchellii

Tall Strata - Tree, 6.01-12m, Sparse. *Species includes - Eucalyptus persistens

Surface Coarse Fragments: 0-2%, cobbly, 60-200mm, subangular, Sandstone

Profile Morphology

A1e	0 - 0.15 m	Greyish brown (10YR5/2-Moist); ; Fine sandy clay loam (Light); Massive grade of structure; Earthy fabric; Dry; Weak consistence; , Calcareous, , , , Gypseous, , , Field pH 6 (Raupach, 0.05);
B2	0.15 - 0.45 m	Grey (10YR5/1-Moist); Mottles, 10YR58, 2-10% , 0-5mm, Distinct; Mottles, 2-10% ; Medium clay; Moderate grade of structure, 10-20 mm, Angular blocky; Smooth-ped fabric; Dry; Very firm consistence; , Calcareous, , , , Gypseous, , , Field pH 6.5 (Raupach, 0.4);
C	0.45 - 0.9 m	; Dry; , Calcareous, , , , Gypseous, , , Field pH 8 (Raupach, 0.8);

Morphological Notes

Observation Notes

Site Notes

Laboratory Test Results:

Depth	COLE	Gravimetric/Volumetric Water Contents							K sat	K unsat
		Sat.	0.05 Bar	0.1 Bar	0.5 Bar	1 Bar	5 Bar	15 Bar		
m		g/g - m3/m3							mm/h	mm/h
0.00	0.00	100	100	100	100	100	100	100	0.00	0.00
0.05	0.00	100	100	100	100	100	100	100	0.00	0.00
0.10	0.00	100	100	100	100	100	100	100	0.00	0.00
0.15	0.00	100	100	100	100	100	100	100	0.00	0.00
0.20	0.00	100	100	100	100	100	100	100	0.00	0.00
0.25	0.00	100	100	100	100	100	100	100	0.00	0.00
0.30	0.00	100	100	100	100	100	100	100	0.00	0.00
0.35	0.00	100	100	100	100	100	100	100	0.00	0.00
0.40	0.00	100	100	100	100	100	100	100	0.00	0.00
0.45	0.00	100	100	100	100	100	100	100	0.00	0.00
0.50	0.00	100	100	100	100	100	100	100	0.00	0.00
0.55	0.00	100	100	100	100	100	100	100	0.00	0.00
0.60	0.00	100	100	100	100	100	100	100	0.00	0.00
0.65	0.00	100	100	100	100	100	100	100	0.00	0.00
0.70	0.00	100	100	100	100	100	100	100	0.00	0.00
0.75	0.00	100	100	100	100	100	100	100	0.00	0.00
0.80	0.00	100	100	100	100	100	100	100	0.00	0.00
0.85	0.00	100	100	100	100	100	100	100	0.00	0.00
0.90	0.00	100	100	100	100	100	100	100	0.00	0.00
0.95	0.00	100	100	100	100	100	100	100	0.00	0.00
1.00	0.00	100	100	100	100	100	100	100	0.00	0.00
1.05	0.00	100	100	100	100	100	100	100	0.00	0.00
1.10	0.00	100	100	100	100	100	100	100	0.00	0.00
1.15	0.00	100	100	100	100	100	100	100	0.00	0.00
1.20	0.00	100	100	100	100	100	100	100	0.00	0.00
1.25	0.00	100	100	100	100	100	100	100	0.00	0.00
1.30	0.00	100	100	100	100	100	100	100	0.00	0.00
1.35	0.00	100	100	100	100	100	100	100	0.00	0.00
1.40	0.00	100	100	100	100	100	100	100	0.00	0.00
1.45	0.00	100	100	100	100	100	100	100	0.00	0.00
1.50	0.00	100	100	100	100	100	100	100	0.00	0.00
1.55	0.00	100	100	100	100	100	100	100	0.00	0.00
1.60	0.00	100	100	100	100	100	100	100	0.00	0.00
1.65	0.00	100	100	100	100	100	100	100	0.00	0.00
1.70	0.00	100	100	100	100	100	100	100	0.00	0.00
1.75	0.00	100	100							

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Laboratory Analyses Completed for this profile