

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 2225 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	Barry, Earl	Locality:	
Date Desc.:	20/10/93	Elevation:	No Data
Map Ref.:	Sheet No. : 7959 GPS	Rainfall:	No Data
Northing/Long.:	7880434 AMG zone: 55	Runoff:	Rapid
Easting/Lat.:	299629 Datum: AGD66	Drainage:	Well drained

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:	Gently undulating rises 9-30m 1-3%	Pattern Type:	Rises
Morph. Type:	Upper-slope	Relief:	No Data
Elem. Type:	Hillslope	Slope Category:	Very gently sloped
Slope:	3 %	Aspect:	No Data

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:	Mapping Unit:	N/A
Haplic Supracalcic Red Dermosol Medium Very gravelly Clayey Clayey Moderately deep	Principal Profile Form:	Uf6.31
ASC Confidence:	Great Soil Group:	Euchrozem

No analytical data are available but confidence is fair.

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

Vegetation: Low Strata - Tussock grass, 0.26-0.5m, Isolated plants. *Species includes - Unknown species, Unknown species,

Unknown species Mid Strata - Tree, 1.01-3m, Sparse. *Species includes - Eucalyptus persistsens, Erythroxylon australe

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

Surface Coarse Fragments: 50-90%, coarse gravelly, 20-60mm, subangular platy, Jasper

Profile Morphology

A1	0 - 0.12 m	Dark reddish brown (2.5YR3/4-Moist); ; Light clay; Massive grade of structure; Earthy fabric; Dry; Firm consistence; 20-50%, cobbly, 60-200mm, subangular, Jasper, coarse fragments; , Calcareous, , , , Gypseous, , , ; Field pH 6 (Raupach, 0.05); Abrupt change to -
B21	0.12 - 0.45 m	Reddish brown (2.5YR4/4-Moist); ; Medium clay; Strong grade of structure, 10-20 mm, Prismatic; Smooth-ped fabric; Dry; Very strong consistence; , Calcareous, , , , Gypseous, , , ; Field pH 6.5 (Raupach, 0.4); Abrupt change to -
B22	0.45 - 0.65 m	Reddish brown (2.5YR4/4-Moist); ; Medium clay; Moderate grade of structure, 2-5 mm, Polyhedral; Smooth-ped fabric; Dry; Very strong consistence; , Calcareous, , , , Gypseous, , , ; Soil matrix is Slightly calcareous; Field pH 9 (Raupach, 0.6); Clear change to -
BC	0.65 - 0.9 m	Red (2.5YR4/6-Moist); ; Smooth-ped fabric; Dry; Common (10 - 20 %), Calcareous, , Veins; , Gypseous, , , ; Soil matrix is Very highly calcareous; Field pH 9 (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 - m ³ /m ³				mm/h	mm/h

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Laboratory Analyses Completed for this profile