

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 1430 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	Barry, Earl	Locality:	
Date Desc.:	29/09/92	Elevation:	No Data
Map Ref.:	Sheet No. : 8056 GPS	Rainfall:	No Data
Northing/Long.:	7731316 AMG zone: 55	Runoff:	Slow
Easting/Lat.:	372093 Datum: AGD66	Drainage:	Imperfectly 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:	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): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:	Mapping Unit:	N/A
Mottled Eutrophic Yellow Kandosol Not recorded Slightly gravelly Loamy Very fine	Principal Profile Form:	Gn2.81
ASC Confidence:	Great Soil Group:	No suitable group

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, <0.25m, Sparse. *Species includes - Iseilema species, Bothriochloa species, Aristida
Mid Strata - Tree, 1.01-3m, Sparse. *Species includes - Petalostigma pubescens, Acacia species, Planchonia careya
Tall Strata - Tree, 6.01-12m, Sparse. *Species includes - Eucalyptus melanophloia, Eucalyptus brownii, Eucalyptus

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A1	0 - 0.08 m	Very dark greyish brown (10YR3/2-Moist); ; Clay loam, sandy; Weak grade of structure, 2-5 mm, Platy; Earthy fabric; , Calcareous, , , , Gypseous, , , ; Field pH 6.5 (Raupach, 0.05); Clear change to -
B21	0.08 - 0.3 m	Light yellowish brown (10YR6/4-Moist); ; Light clay; Weak grade of structure, 10-20 mm, Polyhedral; Earthy fabric; 0-2%, fine gravelly, 2-6mm, subrounded, Quartz, coarse fragments; , Calcareous, , , , Gypseous, , , ; Field pH 6 (Raupach, 0.2); Gradual change to -
B22	0.3 - 0.4 m	Light yellowish brown (10YR6/4-Moist); Mottles, 10YR66, 2-10% , 5-15mm, Distinct; Mottles, 2-10% ; Light clay; Weak grade of structure, 5-10 mm, Polyhedral; Earthy fabric; 0-2%, fine gravelly, 2-6mm, subrounded, Quartz, coarse fragments; Very few (0 - 2 %), Ferromanganiferous, Medium (2 -6 mm), Nodules; , Calcareous, , , , Gypseous, , , ; Field pH 6 (Raupach, 0.35);

Morphological Notes

Observation Notes

Site Notes

Laboratory Test Results:

0 - 0.08	6.4A
0.3 - 0.4	6.3A

0 - 0.08
0.3 - 0.4

0 - 0.08
0.3 - 0.4

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Laboratory Analyses Completed for this profile

4A1 pH of 1:5 soil/water suspension