

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 1380 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	Rogers, Gary	Locality:	
Date Desc.:	20/08/92	Elevation:	No Data
Map Ref.:	Sheet No. : 7957 GPS	Rainfall:	No Data
Northing/Long.:	7769981 AMG zone: 55	Runoff:	Moderately rapid
Easting/Lat.:	304410 Datum: AGD66	Drainage:	Moderately well drained

Geology

Exposure Type:	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 plains <9m 1-3%	Pattern Type:	Plain
Morph. Type:	Simple-slope	Relief:	No Data
Elem. Type:	Plain	Slope Category:	Very gently sloped
Slope:	2 %	Aspect:	No Data

Surface Soil Condition (dry): Hardsetting, Surface crust

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Haplic Eutrophic Red Kandosol Medium Clay-loamy Clayey Moderately deep		Principal Profile Form:	Um5.52
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, 0.51-1m, Mid-dense. *Species includes - Heteropogon contortus, Dichanthium species,

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

Tall Strata - Tree, 12.01-20m, Sparse. *Species includes - Eucalyptus crebra, Eucalyptus erythrophloia,

Eucalyptus

Surface Coarse Fragments: 2-10%, cobbly, 60-200mm, subangular, Basalt

Profile Morphology

A1	0 - 0.11 m	Dark reddish brown (5YR3/3-Moist); ; Clay loam (Heavy); Massive grade of structure; Earthy fabric; Dry; Very weak consistence; , Calcareous, , , , Gypseous, , , Field pH 6 (Raupach, 0.05); Clear change to -
B21	0.11 - 0.3 m	Dark reddish brown (2.5YR3/4-Moist); ; Clay loam (Heavy); Massive grade of structure; Earthy fabric; Dry; Weak consistence; Common (10 - 20 %), Manganiferous, Medium (2 -6 mm), Nodules; , Calcareous, , , , Gypseous, , , Field pH 6 (Raupach, 0.25); Gradual change to -
B22	0.3 - 0.95 m	Dark red (2.5YR3/6-Moist); ; Light clay; Massive grade of structure; Weak grade of structure, 2-5 mm, Polyhedral; Earthy fabric; Dry; Weak consistence; Few (2 - 10 %), Manganiferous, Medium (2 -6 mm), Nodules; , Calcareous, , , , Gypseous, , , Field pH 7 (Raupach, 0.9);

Morphological Notes

Observation Notes

Site Notes

Laboratory Test Results:

0 - 0.11	6.6A
0.3 - 0.95	6.9A

0 - 0.11
0.3 - 0.95

0 - 0.11
0.3 - 0.95

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Laboratory Analyses Completed for this profile

4A1 pH of 1:5 soil/water suspension