

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 1394 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	Rogers, Gary	Locality:	
Date Desc.:	14/09/92	Elevation:	No Data
Map Ref.:	Sheet No. : 8057 GPS	Rainfall:	No Data
Northing/Long.:	7783395 AMG zone: 55	Runoff:	Slow
Easting/Lat.:	389927 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:	Undulating rises 9-30m 3-10%	Pattern Type:	Rises
Morph. Type:	Mid-slope	Relief:	No Data
Elem. Type:	Hillslope	Slope Category:	Gently inclined
Slope:	4 %	Aspect:	No Data

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Haplic Eutrophic Red Kandosol Thin Non-gravelly Clay-loamy Clayey Deep		Principal Profile Form:	Gn2.11
ASC Confidence:	No analytical data are available but confidence is fair.	Great Soil Group:	Red earth

Site Disturbance: Complete clearing. Pasture, native or improved, but never cultivated

Vegetation: Low Strata - Tussock grass, 0.51-1m, Mid-dense. *Species includes - Phynchelytrum repens, Aristida species
Mid Strata - , , . *Species includes - None recorded
Tall Strata - Tree, 1.01-3m, Sparse. *Species includes - Eucalyptus species, Acacia species

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A1	0 - 0.08 m	Dark reddish brown (5YR3/3-Moist); ; Sandy clay loam; Massive grade of structure; Earthy fabric; Moderately moist; Firm consistence; ; Calcareous, , ; ; Gypseous, , ; Field pH 6 (Raupach, 0.05); Clear change to -
B21	0.08 - 0.3 m	Dark reddish brown (2.5YR3/4-Moist); ; Sandy light clay; Massive grade of structure; Earthy fabric; Dry; Weak consistence; 2-10%, fine gravelly, 2-6mm, subangular, Quartz, coarse fragments; , Calcareous, , ; , Gypseous, , ; Field pH 6 (Raupach, 0.25); Gradual change to -
B22	0.3 - 0.7 m	Dark red (10R3/6-Moist); ; Sandy light clay; Massive grade of structure; Earthy fabric; Dry; Weak consistence; 10-20%, fine gravelly, 2-6mm, subangular, Quartz, coarse fragments; , Calcareous, , ; , Gypseous, , ; Field pH 6 (Raupach, 0.5); Gradual change to -
B23	0.7 - 1.1 m	Red (10R4/6-Moist); ; Clay loam, sandy; Weak grade of structure, 10-20 mm, Polyhedral; Smooth-ped fabric; Dry; Firm consistence; 10-20%, fine gravelly, 2-6mm, subangular, Quartz, coarse fragments; , Calcareous, , ; , Gypseous, , ; Field pH 5.8 (Raupach, 1);

Morphological Notes

Observation Notes

Site Notes

Laboratory Test Results:

0.08 - 0.3	6.1A
0.7 - 1	5.8A

$$\frac{0.08 - 0.3}{0.7 - 1}$$

0.08 - 0.3
0.7 - 1

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Laboratory Analyses Completed for this profile

4A1 pH of 1:5 soil/water suspension