

**Project Name:** Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD  
**Project Code:** DLR **Site ID:** 1319 **Observation ID:** 1  
**Agency Name:** QLD Department of Primary Industries

#### Site Information

<b>Desc. By:</b>	Rogers, Gary	<b>Locality:</b>	
<b>Date Desc.:</b>	04/08/92	<b>Elevation:</b>	No Data
<b>Map Ref.:</b>	Sheet No. : 8059 GPS	<b>Rainfall:</b>	No Data
<b>Northing/Long.:</b>	7894792 AMG zone: 55	<b>Runoff:</b>	Slow
<b>Easting/Lat.:</b>	373341 Datum: AGD66	<b>Drainage:</b>	Well drained

#### Geology

<b>Exposure Type:</b>	No Data	<b>Conf. Sub. is Parent. Mat.:</b>	No Data
<b>Geol. Ref.:</b>	No Data	<b>Substrate Material:</b>	Undisturbed soil core, No Data

#### Land Form

<b>Rel/Slope Class:</b>	Undulating plains <9m 3-10%	<b>Pattern Type:</b>	Plain
<b>Morph. Type:</b>	Crest	<b>Relief:</b>	No Data
<b>Elem. Type:</b>	Plain	<b>Slope Category:</b>	Gently inclined
<b>Slope:</b>	6 %	<b>Aspect:</b>	No Data

**Surface Soil Condition (dry):** Loose

#### Erosion:

#### Soil Classification

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

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

**Vegetation:** Low Strata - Tussock grass, 0.51-1m, Mid-dense. \*Species includes - Themeda triandra, Panicum species, Chrysopogon fallax Mid Strata - Tree, 1.01-3m, Mid-dense. \*Species includes - Acacia species, Eucalyptus similis

Tall Strata - Tree, 6.01-12m, Mid-dense. \*Species includes - Eucalyptus similis, Eucalyptus crebra

**Surface Coarse Fragments:** 0-2%, medium gravelly, 6-20mm, subangular, Quartz

#### Profile Morphology

A11	0 - 0.15 m	Dark reddish brown (5YR3/2-Moist); ; Sandy clay loam; Massive grade of structure; Earthy fabric; Dry; Very weak consistence; , Calcareous, , , , Gypseous, , ; Field pH 6.5 (Raupach, 0.1); Clear change to -
A12	0.15 - 0.3 m	Dark reddish brown (5YR3/3-Moist); ; Clay loam, sandy; Massive grade of structure; Earthy fabric; Dry; Firm consistence; , Calcareous, , , , Gypseous, , ; Field pH 6 (Raupach, 0.25); Gradual change to -
B2	0.3 - 0.8 m	Dark red (2.5YR3/6-Moist); Mottles, 7.5YR5/6, 0-2% , 5-15mm, Distinct; Mottles, 0-2% ; Sandy light clay; Massive grade of structure; Weak grade of structure, 10-20 mm, Polyhedral; Earthy fabric; Moderately moist; Very firm consistence; 0-2%, fine gravelly, 2-6mm, angular, Quartz, coarse fragments; , Calcareous, , , , Gypseous, , ; Field pH 6 (Raupach, 0.7);

#### Morphological Notes

#### Observation Notes

#### Site Notes

**Laboratory Test Results:**

[illegible]

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**Laboratory Analyses Completed for this profile**

4A1                      pH of 1:5 soil/water suspension