

**Project Name:** Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD  
**Project Code:** DLR **Site ID:** 1484 **Observation ID:** 1  
**Agency Name:** QLD Department of Primary Industries

#### Site Information

<b>Desc. By:</b>	Barry, Earl	<b>Locality:</b>	
<b>Date Desc.:</b>	15/10/92	<b>Elevation:</b>	No Data
<b>Map Ref.:</b>	Sheet No. : 8056 GPS	<b>Rainfall:</b>	No Data
<b>Northing/Long.:</b>	7705860 AMG zone: 55	<b>Runoff:</b>	Moderately rapid
<b>Easting/Lat.:</b>	372493 Datum: AGD66	<b>Drainage:</b>	Moderately 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>	Gently undulating plains <9m 1-3%	<b>Pattern Type:</b>	Alluvial plain
<b>Morph. Type:</b>	Flat	<b>Relief:</b>	No Data
<b>Elem. Type:</b>	Plain	<b>Slope Category:</b>	Very gently sloped
<b>Slope:</b>	2 %	<b>Aspect:</b>	No Data

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

#### Erosion:

#### Soil Classification

<b>Australian Soil Classification:</b>	<b>Mapping Unit:</b>	N/A
Haplic Eutrophic Red Kandosol Medium Non-gravelly Loamy Clay-loamy Moderately deep	<b>Principal Profile Form:</b>	Gn2.11
<b>ASC Confidence:</b>	<b>Great Soil Group:</b>	Red earth

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, Very sparse. \*Species includes - Aristida species, Heteropogon contortus, Bothriochloa species Mid Strata - , , . \*Species includes - None recorded

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

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**Surface Coarse Fragments:** No surface coarse fragments

#### Profile Morphology

A11	0 - 0.07 m	Dark greyish brown (10YR4/2-Moist); ; Sandy loam; Massive grade of structure; Earthy fabric; Dry; Weak consistence; , Calcareous, , , , Gypseous, , ; Field pH 6.5 (Raupach, 0.05); Clear change to -
A12	0.07 - 0.28 m	Dark yellowish brown (10YR4/4-Moist); ; Fine sandy loam; Massive grade of structure; Earthy fabric; Dry; Weak consistence; , Calcareous, , , , Gypseous, , ; Field pH 6.5 (Raupach, 0.2); Gradual change to -
A13	0.28 - 0.54 m	Brown (7.5YR4/4-Moist); ; Fine sandy loam (Heavy); Massive grade of structure; Earthy fabric; Dry; Very firm consistence; , Calcareous, , , , Gypseous, , ; Field pH 6.5 (Raupach, 0.5); Gradual change to -
B1	0.54 - 0.8 m	Yellowish red (5YR4/6-Moist); ; Fine sandy clay loam; Massive grade of structure; Earthy fabric; Dry; Strong consistence; , Calcareous, , , , Gypseous, , ; Field pH 6 (Raupach, 0.8);

#### Morphological Notes

#### Observation Notes

#### Site Notes

**Laboratory Test Results:**

0 - 0.07	5.9A
0.54 - 0.8	6.5A

0 - 0.07  
0.54 - 0.8

0 - 0.07  
0.54 - 0.8

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**Laboratory Analyses Completed for this profile**

4A1                      pH of 1:5 soil/water suspension