

**Project Name:** Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD  
**Project Code:** DLR **Site ID:** 1163 **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>	03/06/92	<b>Elevation:</b>	400 metres
<b>Map Ref.:</b>	Sheet No. : 8058 GPS	<b>Rainfall:</b>	No Data
<b>Northing/Long.:</b>	7838324 AMG zone: 55	<b>Runoff:</b>	No Data
<b>Easting/Lat.:</b>	352924 Datum: AGD66	<b>Drainage:</b>	Moderately well drained

#### Geology

<b>ExposureType:</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>	Plain
<b>Morph. Type:</b>	Mid-slope	<b>Relief:</b>	No Data
<b>Elem. Type:</b>	Hillslope	<b>Slope Category:</b>	Gently inclined
<b>Slope:</b>	3 %	<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 Brown Chromosol Thick Non-gravelly Sandy Clay-loamy Moderately deep		<b>Principal Profile Form:</b>	Dy2.51
<b>ASC Confidence:</b>		<b>Great Soil Group:</b>	Yellow podzolic soil
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, 0.26-0.5m, Sparse. \*Species includes - Themeda triandra, Heteropogon contortus, Chrysopogon fallax Mid Strata - Tree, 1.01-3m, Mid-dense. \*Species includes - Eucalyptus crebra

Tall Strata - Tree, 6.01-12m, Sparse. \*Species includes - Eucalyptus crebra, Eucalyptus brownii

**Surface Coarse Fragments:** 0-2%, fine gravelly, 2-6mm, subrounded, Quartz

#### Profile Morphology

A11	0 - 0.1 m	Dark greyish brown (10YR4/2-Moist); ; Clayey sand (Heavy); Massive grade of structure; Sandy (grains prominent) fabric; 20-50%, fine gravelly, 2-6mm, rounded, Ferricrete, coarse fragments; , Calcareous, , , , Gypseous, , , Field pH 6 (Raupach, 0.05); Clear change to -
A12	0.1 - 0.38 m	Dark brown (10YR3/3-Moist); ; Clayey sand; Massive grade of structure; Sandy (grains prominent) fabric; 50-90%, medium gravelly, 6-20mm, subrounded, Ferricrete, coarse fragments; , Calcareous, , , , Gypseous, , , Field pH 6 (Raupach, 0.2); Clear change to -
B21	0.38 - 0.6 m	Yellowish brown (10YR5/4-Moist); ; Sandy clay loam; Massive grade of structure; Sandy (grains prominent) fabric; 50-90%, medium gravelly, 6-20mm, subrounded, Ferricrete, coarse fragments; , Calcareous, , , , Gypseous, , , Field pH 6 (Raupach, 0.5);

#### Morphological Notes

#### Observation Notes

#### Site Notes

**Laboratory Test Results:**

0 - 0.1	6.2A
0.1 - 0.38	5.8A
0.38 - 0.6	6.4A

0 - 0.1  
0.1 - 0.38  
0.38 - 0.6

0 - 0.1  
0.1 - 0.38  
0.38 - 0.6

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**Laboratory Analyses Completed for this profile**

4A1                      pH of 1:5 soil/water suspension