

**Project Name:** Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD  
**Project Code:** DLR                      **Site ID:** 1247                      **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>	02/07/92	<b>Elevation:</b>	320 metres
<b>Map Ref.:</b>	Sheet No. : 8059    GPS	<b>Rainfall:</b>	No Data
<b>Northing/Long.:</b>	7855984 AMG zone: 55	<b>Runoff:</b>	Rapid
<b>Easting/Lat.:</b>	375793    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, Granite

**Land Form**

<b>Rel/Slope Class:</b>	Undulating rises 9-30m 3-10%	<b>Pattern Type:</b>	Low hills
<b>Morph. Type:</b>	Crest	<b>Relief:</b>	No Data
<b>Elem. Type:</b>	Hillcrest	<b>Slope Category:</b>	Very gently sloped
<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 Kandosol Medium Non-gravelly Loamy Clay-loamy Moderately deep		<b>Principal Profile Form:</b>	Dy2.62
<b>ASC Confidence:</b>		<b>Great Soil Group:</b>	Gleyed 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 - Chrysopogon fallax, Cyperus species, Heteropogon contortus    Mid Strata - Tree, 1.01-3m, Sparse. \*Species includes - Eucalyptus crebra, Atalaya hemiglauc, Grevillea species

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

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

**Profile Morphology**

A11	0 - 0.12 m	Dark brown (10YR3/3-Moist); ; Sandy loam; Massive grade of structure; Earthy fabric; , Calcareous, , , , Gypseous, , , ; Clear change to -
A2	0.12 - 0.32 m	Dark yellowish brown (10YR4/4-Moist); ; Sandy loam; Massive grade of structure; Earthy fabric; 10-20%, cobbly, 60-200mm, subangular, Quartz, coarse fragments; , Calcareous, , , , Gypseous, , , ; Abrupt change to -
B21	0.32 - 0.6 m	Yellowish brown (10YR5/4-Moist); ; Sandy clay loam (Heavy); Massive grade of structure; Weak grade of structure, 2-5 mm, Polyhedral; Earthy fabric; 10-20%, medium gravelly, 6-20mm, angular, Granite, coarse fragments; , Calcareous, , , , Gypseous, , , ;
R	0.6 - 0.61 m	Rock

**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