

**Project Name:** Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD  
**Project Code:** DLR **Site ID:** 1318 **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>	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>	7887156 AMG zone: 55	<b>Runoff:</b>	Rapid
<b>Easting/Lat.:</b>	380052 Datum: AGD66	<b>Drainage:</b>	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>	Undulating rises 9-30m 3-10%	<b>Pattern Type:</b>	Rises
<b>Morph. Type:</b>	Simple-slope	<b>Relief:</b>	No Data
<b>Elem. Type:</b>	Hillslope	<b>Slope Category:</b>	Gently inclined
<b>Slope:</b>	4 %	<b>Aspect:</b>	No Data

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

#### Erosion:

#### Soil Classification

<b>Australian Soil Classification:</b>	<b>Mapping Unit:</b>	N/A
Bleached Mesotrophic Grey Kandosol Thick Moderately gravelly Sandy	<b>Principal Profile Form:</b>	Uc4.11
<b>ASC Confidence:</b>	<b>Great Soil Group:</b>	Earthy sand
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, Sparse. \*Species includes - Bothriochloa species, Aristida species  
Mid Strata - , , . \*Species includes - Acacia species, Bursaria incana  
Tall Strata - Tree, 6.01-12m, Sparse. \*Species includes - Eucalyptus crebra, Eucalyptus melanophloia,

Eucalyptus

**Surface Coarse Fragments:** 20-50%, cobbly, 60-200mm, angular, Igneous rock (unidentified)

#### Profile Morphology

A11	0 - 0.11 m	Dark brown (10YR3/3-Moist); ; Sandy loam; Massive grade of structure; Sandy (grains prominent) fabric; Dry; Very weak consistence; 10-20%, medium gravelly, 6-20mm, angular, Igneous rock (unidentified), coarse fragments; , Calcareous, , ; , Gypseous, , ; Field pH 6.5 (Raupach, 0.05); Clear change to -
A12	0.11 - 0.4 m	Greyish brown (10YR5/2-Moist); ; Sandy clay loam (Light); Massive grade of structure; Sandy (grains prominent) fabric; Dry; Very weak consistence; 50-90%, medium gravelly, 6-20mm, angular, Igneous rock (unidentified), coarse fragments; , Calcareous, , ; , Gypseous, , ; Field pH 6 (Raupach, 0.4);

#### 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