

**Project Name:** Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD  
**Project Code:** DLR                      **Site ID:** 1549                      **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>	28/10/92	<b>Elevation:</b>	No Data
<b>Map Ref.:</b>	Sheet No. : 7956    GPS	<b>Rainfall:</b>	No Data
<b>Northing/Long.:</b>	7720383 AMG zone: 55	<b>Runoff:</b>	Rapid
<b>Easting/Lat.:</b>	328576    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>	Rolling low hills 30-90m 10-	<b>Pattern Type:</b>	Hills
<b>Morph. Type:</b>	Upper-slope	<b>Relief:</b>	No Data
<b>Elem. Type:</b>	Hillcrest	<b>Slope Category:</b>	Gently inclined
<b>Slope:</b>	6 %	<b>Aspect:</b>	No Data

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

#### Erosion:

#### Soil Classification

<b>Australian Soil Classification:</b>		<b>Mapping Unit:</b>	N/A
Haplic Eutrophic Yellow Kandosol Medium Moderately gravelly Sandy Clay-loamy Moderately deep		<b>Principal Profile Form:</b>	Gn2.21
<b>ASC Confidence:</b>		<b>Great Soil Group:</b>	Yellow earth

No analytical data are available but confidence is fair.

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

**Vegetation:** Low Strata - Hummock grass, 0.26-0.5m, Sparse. \*Species includes - Triodia pungens  
Mid Strata - Tree, 1.01-3m, Sparse. \*Species includes - Eucalyptus erythrophloia, Eucalyptus crebra  
Tall Strata - Tree, 6.01-12m, Sparse. \*Species includes - Eucalyptus erythrophloia, Eucalyptus crebra

**Surface Coarse Fragments:** 20-50%, cobbly, 60-200mm, angular tabular, Sandstone

#### Profile Morphology

A11	0 - 0.06 m	Very dark greyish brown (10YR3/2-Moist); ; Loamy sand; Single grain grade of structure; Sandy (grains prominent) fabric; Dry; Loose consistence; 20-50%, coarse gravelly, 20-60mm, angular tabular, Sandstone, coarse fragments; , Calcareous, , , , Gypseous, , , Field pH 5.5 (Raupach, 0.03); Clear change to -
A12	0.06 - 0.28 m	Dark yellowish brown (10YR4/6-Moist); ; Sandy clay loam; Single grain grade of structure; Sandy (grains prominent) fabric; Dry; Loose consistence; 50-90%, cobbly, 60-200mm, angular tabular, Sandstone, coarse fragments; , Calcareous, , , , Gypseous, , , Field pH 6 (Raupach, 0.2); Clear change to -
B21	0.28 - 0.4 m	Brownish yellow (10YR6/6-Moist); ; Clay loam, sandy; Massive grade of structure; Earthy fabric; Dry; Weak consistence; 10-20%, medium gravelly, 6-20mm, subangular, Quartz, coarse fragments; , Calcareous, , , , Gypseous, , , Field pH 6 (Raupach, 0.35); Clear change to -
B22	0.4 - 0.6 m	Reddish yellow (7.5YR6/8-Moist); ; Clay loam, sandy; Massive grade of structure; Earthy fabric; Dry; Weak consistence; 10-20%, fine gravelly, 2-6mm, subangular, Quartz, coarse fragments; , Calcareous, , , , Gypseous, , , Field pH 6 (Raupach, 0.6);

#### 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