

**Project Name:** Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD  
**Project Code:** DLR **Site ID:** 763 **Observation ID:** 1  
**Agency Name:** QLD Department of Primary Industries

#### Site Information

<b>Desc. By:</b>	M.G. Cannon	<b>Locality:</b>	
<b>Date Desc.:</b>	01/10/91	<b>Elevation:</b>	270 metres
<b>Map Ref.:</b>	Sheet No. : 8156 GPS	<b>Rainfall:</b>	No Data
<b>Northing/Long.:</b>	7720754 AMG zone: 55	<b>Runoff:</b>	No Data
<b>Easting/Lat.:</b>	413890 Datum: AGD66	<b>Drainage:</b>	No Data

#### 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>	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):

#### Erosion:

#### Soil Classification

<b>Australian Soil Classification:</b>	Ferric Mesotrophic Red Kandosol Thin Non-gravelly Sandy Clay-loamy Moderately deep	<b>Mapping Unit:</b>	N/A
<b>ASC Confidence:</b>	No analytical data are available but confidence is fair.	<b>Principal Profile Form:</b>	Gn2.15
		<b>Great Soil Group:</b>	Red earth

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

**Vegetation:** Low Strata - Hummock grass, 0.26-0.5m, Sparse. \*Species includes - TRIODIA SPECIES ?, Heteropogon contortus,

Aristida species Mid Strata - Tree, 1.01-3m, Mid-dense. \*Species includes - Acacia species

Tall Strata - Tree, 6.01-12m, Isolated plants. \*Species includes - Eucalyptus setosa

#### Surface Coarse Fragments:

#### Profile Morphology

A11	0 - 0.08 m	Dark brown (7.5YR3/2-Moist); ; Loamy sand; Massive grade of structure; Earthy fabric; Dry; Very weak consistence; , Calcareous, , , , Gypseous, , ; Field pH 6.5 (Raupach, 0.05);
A3	0.08 - 0.2 m	Strong brown (7.5YR4/6-Moist); ; Loamy sand; Massive grade of structure; Earthy fabric; Dry; Very weak consistence; , Calcareous, , , , Gypseous, , ;
B1	0.2 - 0.55 m	Yellowish red (5YR5/8-Moist); ; Sandy loam; Massive grade of structure; Earthy fabric; Dry; Very weak consistence; , Calcareous, , , , Gypseous, , ; Field pH 6.5 (Raupach, 0.3);
B2	0.55 - 0.95 m	Yellowish red (5YR5/8-Moist); ; Sandy clay loam; Massive grade of structure; Earthy fabric; Dry; Very weak consistence; , Calcareous, , , , Gypseous, , ; Field pH 7.5 (Raupach, 0.9);
BC	0.95 - 1.2 m	Strong brown (7.5YR5/6-Moist); ; Sandy clay loam; Massive grade of structure; Earthy fabric; Dry; Very weak consistence; 2-10%, coarse gravelly, 20-60mm, rounded, dispersed, Quartzite, coarse fragments; Many (20 - 50 %), Ferruginous, Coarse (6 - 20 mm), Concretions; , Calcareous, , , , Gypseous, , ; Field pH 8 (Raupach, 1.2);
C	1.2 - 1.4 m	Light brownish grey (10YR6/2-Moist); Substrate influence, 10YR68, 10-20% , 5-15mm, Distinct; Substrate influence, 10-20% ; Sandy clay loam; Massive grade of structure; Earthy fabric; Dry; Very weak consistence; 0-2%, fine gravelly, 2-6mm, rounded, dispersed, Quartzite, coarse fragments; , Calcareous, , , , Gypseous, , ; Field pH 8 (Raupach, 1.4);

#### Morphological Notes

#### Observation Notes

#### Site Notes

**Project Name:** Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD  
**Project Code:** DLR                      **Site ID:** 763                      **Observation ID:** 1  
**Agency Name:** QLD Department of Primary Industries

**Laboratory Test Results:**

[illegible][illegible][illegible]

**Project Name:** Preliminary Assessment and Survey of Land Degradation in the Dalrypmle Shire, QLD  
**Project Code:** DLR                      **Site ID:** 763                      **Observation ID:** 1  
**Agency Name:** QLD Department of Primary Industries

**Laboratory Analyses Completed for this profile**

4A1                      pH of 1:5 soil/water suspension