

**Project Name:** Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD  
**Project Code:** DLR **Site ID:** 2107 **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>	05/10/93	<b>Elevation:</b>	No Data
<b>Map Ref.:</b>	Sheet No. : 7857 GPS	<b>Rainfall:</b>	No Data
<b>Northing/Long.:</b>	7768552 AMG zone: 55	<b>Runoff:</b>	No Data
<b>Easting/Lat.:</b>	277648 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>	Undisturbed soil core, No Data

#### Land Form

<b>Rel/Slope Class:</b>	Undulating plains <9m 3-10%	<b>Pattern Type:</b>	Plain
<b>Morph. Type:</b>	Upper-slope	<b>Relief:</b>	No Data
<b>Elem. Type:</b>	Plain	<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
Haplic Mesotrophic Brown Kandosol Thin Non-gravelly Sandy Clayey Deep		<b>Principal Profile Form:</b>	Gn2.2
<b>ASC Confidence:</b>	No analytical data are available but confidence is fair.	<b>Great Soil Group:</b>	No suitable group

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

**Vegetation:** Low Strata - Tussock grass, 0.51-1m, Sparse. \*Species includes - Themeda triandra, Cymbopogon bombycinus, Eulalia aurea Mid Strata - Tree, 1.01-3m, Sparse. \*Species includes - Eucalyptus crebra

Tall Strata - Tree, 12.01-20m, Sparse. \*Species includes - Eucalyptus crebra, Eucalyptus papuana

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

#### Profile Morphology

A	0 - 0.08 m	Very dark greyish brown (10YR3/2-Moist); ; Loamy coarse sand; Massive grade of structure; Earthy fabric; Dry; Weak consistence; , Calcareous, , , Gypseous, , ; Field pH 6.8 (Raupach, 0.05);
A2	0.08 - 0.3 m	Dark greyish brown (10YR4/2-Moist); ; Loamy coarse sand; Massive grade of structure; Earthy fabric; Dry; Weak consistence; 2-10%, medium gravelly, 6-20mm, subrounded, dispersed, Quartz, coarse fragments; , Calcareous, , , Gypseous, , ; Field pH 6.8 (Raupach, 0.2);
B1	0.3 - 0.5 m	Yellowish brown (10YR5/4-Moist); ; Coarse sandy clay loam; Weak grade of structure, 5-10 mm, Subangular blocky; Earthy fabric; Dry; Weak consistence; Common (10 - 20 %), Manganiferous, Medium (2 -6 mm), Nodules; , Calcareous, , , Gypseous, , ; Field pH 6.8 (Raupach, 0.4);
B2	0.5 - 0.8 m	Yellowish brown (10YR5/8-Moist); ; Light medium clay; Dry; Weak consistence; , Calcareous, , , Gypseous, , ; Field pH 6.8 (Raupach, 0.7);
BC	0.8 - 1.1 m	; Dry; Weak consistence; , Calcareous, , , Gypseous, , ; Field pH 7.8 (Raupach, 1);

#### Morphological Notes

#### Observation Notes

#### Site Notes

**Laboratory Test Results:**

[illegible]

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrypmle Shire, QLD  
Project Code: DLR Site ID: 2107 Observation ID: 1  
Agency Name: QLD Department of Primary Industries

Laboratory Analyses Completed for this profile