

**Project Name:** Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD  
**Project Code:** DLR                      **Site ID:** 968                      **Observation ID:** 1  
**Agency Name:** QLD Department of Primary Industries

#### Site Information

<b>Desc. By:</b>	Bright, J (Mitch)	<b>Locality:</b>	
<b>Date Desc.:</b>	09/09/92	<b>Elevation:</b>	No Data
<b>Map Ref.:</b>	Sheet No. : 8057    GPS	<b>Rainfall:</b>	No Data
<b>Northing/Long.:</b>	7782133 AMG zone: 55	<b>Runoff:</b>	Slow
<b>Easting/Lat.:</b>	351058    Datum: AGD66	<b>Drainage:</b>	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, No Data

#### Land Form

<b>Rel/Slope Class:</b>	Level plain <9m <1%	<b>Pattern Type:</b>	Plain
<b>Morph. Type:</b>	Flat	<b>Relief:</b>	No Data
<b>Elem. Type:</b>	Plain	<b>Slope Category:</b>	Level
<b>Slope:</b>	1 %	<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 Red Ferrosol Thin Non-gravelly Clay-loamy Clayey Shallow		<b>Principal Profile Form:</b>	Gn2.12

<b>ASC Confidence:</b>		<b>Great Soil Group:</b>	N/A
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, Mid-dense. \*Species includes - Heteropogon contortus, Bothriochloa species,  
Dichanthium species      Mid Strata - Tree, 3.01-6m, Isolated plants. \*Species includes - Bursaria incana, Eucalyptus species

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

**Surface Coarse Fragments:** 0-2%, bouldery, 600mm-2m, rounded, Basalt

#### Profile Morphology

A1	0 - 0.08 m	Dark brown (7.5YR3/3-Moist); ; Clay loam; Massive grade of structure; Earthy fabric; Dry; Firm consistence; Very few (0 - 2 %), Ferromanganiferous, Medium (2 -6 mm), Nodules; , Calcareous, , ; , Gypseous, , ; Field pH 7 (Raupach, 0.05); Clear change to -
B1	0.08 - 0.24 m	Yellowish red (5YR3/6-Moist); ; Light clay; Weak grade of structure, <2 mm, Polyhedral; Smooth-ped fabric; Dry; Weak consistence; Very few (0 - 2 %), Ferromanganiferous, Medium (2 -6 mm), Nodules; , Calcareous, , ; , Gypseous, , ; Field pH 7 (Raupach, 0.2); Gradual change
B2	0.24 - 0.45 m	Dark red (2.5YR3/6-Moist); ; Light clay; Weak grade of structure, <2 mm, Polyhedral; Smooth-ped fabric; Dry; Weak consistence; 0-2%, medium gravelly, 6-20mm, angular, Basalt, coarse fragments; Common (10 - 20 %), Ferromanganiferous, Medium (2 -6 mm), Nodules; , Calcareous, , ; , Gypseous, , ; Field pH 7 (Raupach, 0.4);

#### Morphological Notes

#### Observation Notes

#### Site Notes

**Laboratory Test Results:**

[illegible][illegible]

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**Laboratory Analyses Completed for this profile**

4A1                      pH of 1:5 soil/water suspension