

**Project Name:** Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD  
**Project Code:** DLR **Site ID:** 909 **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>	22/04/92	<b>Elevation:</b>	200 metres
<b>Map Ref.:</b>	Sheet No. : 8156 GPS	<b>Rainfall:</b>	No Data
<b>Northing/Long.:</b>	7682646 AMG zone: 55	<b>Runoff:</b>	No Data
<b>Easting/Lat.:</b>	438777 Datum: AGD66	<b>Drainage:</b>	No Data

#### 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>	No Data

#### Land Form

<b>Rel/Slope Class:</b>	Gently undulating plains <9m 1-3%	<b>Pattern Type:</b>	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>	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
Eutrophic Subnatic Brown Sodosol Medium Moderately gravelly Clay-loamy Clayey Moderately deep	<b>Principal Profile Form:</b>	Dd1.43
<b>ASC Confidence:</b>	<b>Great Soil Group:</b>	Solodized solonetz
Analytical data are incomplete but reasonable confidence.		

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

**Vegetation:** Low Strata - Tussock grass, 0.26-0.5m, Very sparse. \*Species includes - Sporobolus caroli, Aristida species, Sporobolus species  
Mid Strata - Tree, 1.01-3m, Sparse. \*Species includes - Acacia argyrodendron, Terminalia oblongata, Eremophila mitchellii

Tall Strata - Tree, 6.01-12m, Mid-dense. \*Species includes - Acacia argyrodendron, Eucalyptus shirleyi, Eucalyptus

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

#### Profile Morphology

A11	0 - 0.05 m	Dark yellowish brown (10YR3/4-Moist); ; Sandy clay loam (Light); Massive grade of structure; Earthy fabric; Dry; , Calcareous, , , , Gypseous, , , Common, very fine (0-1mm) roots; Clear, Smooth change to -
A12	0.05 - 0.22 m	Dark yellowish brown (10YR4/4-Moist); ; Sandy clay loam; Massive grade of structure; Earthy fabric; Dry; , Calcareous, , , , Gypseous, , , Field pH 7 (Raupach, 0.1); Common, very fine (0-1mm) roots; Abrupt, Wavy change to -
A2e	0.22 - 0.23 m	White (10YR8/1-Moist); ; Sand; Massive grade of structure; Earthy fabric; , Calcareous, , , , Gypseous, , , Few, very fine (0-1mm) roots; Abrupt, Wavy change to -
B21	0.23 - 0.45 m	Dark brown (10YR3/3-Moist); ; Medium clay; Strong grade of structure, 50-100 mm, Columnar; Moderate grade of structure, 10-20 mm, Subangular blocky; Smooth-ped fabric; 2-10%, fine gravelly, 2-6mm, subrounded, dispersed, Quartz, coarse fragments; Few (2 - 10 %), Manganiferous, Medium (2 -6 mm), Nodules; , Calcareous, , , , Gypseous, , , Field pH 7.5 (Raupach, 0.25); Few, very fine (0-1mm) roots; Gradual change to -
B22k	0.45 - 0.6 m	Dark yellowish brown (10YR4/4-Moist); ; Sandy light clay; Moderate grade of structure, 10-20 mm, Subangular blocky; Smooth-ped fabric; Few (2 - 10 %), Calcareous, Medium (2 -6 mm), Soft segregations; , Gypseous, , , Field pH 8.5 (Raupach, 0.5);

#### 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:** 909                      **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:** 909                      **Observation ID:** 1  
**Agency Name:** QLD Department of Primary Industries

**Laboratory Analyses Completed for this profile**

4A1                      pH of 1:5 soil/water suspension