

**Project Name:** Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD  
**Project Code:** DLR **Site ID:** 906 **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>	20/04/92	<b>Elevation:</b>	No Data
<b>Map Ref.:</b>	Sheet No. : 8156 GPS	<b>Rainfall:</b>	No Data
<b>Northing/Long.:</b>	7701068 AMG zone: 55	<b>Runoff:</b>	Moderately rapid
<b>Easting/Lat.:</b>	431487 Datum: AGD66	<b>Drainage:</b>	Imperfectly 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>	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
Mottled Mesotrophic Brown Kandosol Thin Slightly gravelly	<b>Principal Profile Form:</b>	Gn2.42
Clay-loamy Clay-loamy Moderately deep		

#### **ASC Confidence:**

No analytical data are available but confidence is fair.

**Great Soil Group:** N/A

**Site Disturbance:** Limited clearing, for example selective logging

**Vegetation:** Low Strata - Hummock grass, 0.51-1m, Sparse. \*Species includes - TRIODIA SPECIES ?, Aristida species, Chrysopogon

fallax Mid Strata - Tree, 1.01-3m, Isolated plants. \*Species includes - Acacia species

Tall Strata - Tree, 6.01-12m, Very sparse. \*Species includes - Eucalyptus papuana, Eucalyptus shirleyi

**Surface Coarse Fragments:** 2-10%, medium gravelly, 6-20mm, subrounded, Quartz

#### Profile Morphology

A1	0 - 0.08 m	Brown (7.5YR4/3-Moist); ; Sandy clay loam; Massive grade of structure; Dry; Very firm consistence; , Calcareous, , , , Gypseous, , , Field pH 6 (Raupach, 0.05);
B21	0.08 - 0.3 m	Strong brown (7.5YR4/6-Moist); ; Clay loam, sandy; Massive grade of structure; Dry; Firm consistence; , Calcareous, , , , Gypseous, , , Field pH 6 (Raupach, 0.2);
B22	0.3 - 0.7 m	Brownish yellow (10YR6/6-Moist); Mottles, 2.5YR46, 10-20% , 5-15mm, Prominent; Mottles, 10-20% ; Clay loam, sandy; Massive grade of structure; Dry; Very firm consistence; , Calcareous, , , , Gypseous, , , Field pH 6.5 (Raupach, 0.7);

#### Morphological Notes

#### Observation Notes

#### Site Notes

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrypmle Shire, QLD  
Project Code: DLR Site ID: 906 Observation ID: 1  
Agency Name: QLD Department of Primary Industries

Laboratory Test Results:

Depth	pH	1:5 EC	Exchangeable Cations			Exchangeable Acidity		CEC	ECEC	ESP
m		dS/m	Ca	Mg	K	Na				%
						Cmol (+)/kg				

Depth	CaCO3	Organic C	Avail. P	Total P	Total N	Total K	Bulk Density	Particle Size	Analysis
m	%	%	mg/kg	%	%	%	Mg/m3	GV CS FS	Silt Clay
								%	

Depth	COLE	Gravimetric/Volumetric Water Contents						K sat	K unsat
m		Sat.	0.05 Bar	0.1 Bar	0.5 Bar	1 Bar	5 Bar	15 Bar	
					g/g - m3/m3				mm/h mm/h

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrypmle Shire, QLD  
Project Code: DLR Site ID: 906 Observation ID: 1  
Agency Name: QLD Department of Primary Industries

Laboratory Analyses Completed for this profile