

**Project Name:** Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD  
**Project Code:** DLR **Site ID:** 1429 **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>	29/09/92	<b>Elevation:</b>	No Data
<b>Map Ref.:</b>	Sheet No. : 8056 GPS	<b>Rainfall:</b>	No Data
<b>Northing/Long.:</b>	7732229 AMG zone: 55	<b>Runoff:</b>	Slow
<b>Easting/Lat.:</b>	371335 Datum: AGD66	<b>Drainage:</b>	Moderately 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>	0.5 %	<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 Petroferric Yellow Kandosol Medium Gravelly Loamy Very fine	<b>Principal Profile Form:</b>	Gn2.82
<b>ASC Confidence:</b>	<b>Great Soil Group:</b>	No suitable group

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, <0.25m, Sparse. \*Species includes - Heteropogon contortus, Chrysopogon fallax,  
Aristida species Mid Strata - Tree, 1.01-3m, Sparse. \*Species includes - Eucalyptus melanophloia

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

**Surface Coarse Fragments:** No surface coarse fragments

#### Profile Morphology

A11	0 - 0.12 m	Dark brown (10YR3/3-Moist); ; Sandy clay loam; Massive grade of structure; Earthy fabric; Dry; , Calcareous, , , , Gypseous, , , Field pH 6.5 (Raupach, 0.05); Clear change to -
A12	0.12 - 0.22 m	Brown (10YR4/3-Moist); ; Sandy clay loam (Heavy); Massive grade of structure; Earthy fabric; Dry; , Calcareous, , , , Gypseous, , , Field pH 6.5 (Raupach, 0.15); Clear change to -
B1	0.22 - 0.4 m	Brown (10YR5/3-Moist); ; Clay loam, sandy; Massive grade of structure; Earthy fabric; Dry; , Calcareous, , , , Gypseous, , , Field pH 6 (Raupach, 0.3); Gradual change to -
B21	0.4 - 0.7 m	Light yellowish brown (10YR6/4-Moist); ; Sandy light clay; Massive grade of structure; Earthy fabric; Dry; 2-10%, fine gravelly, 2-6mm, subrounded, Quartz, coarse fragments; Few (2 - 10 %), Ferromanganiferous, Coarse (6 - 20 mm), Nodules; , Calcareous, , , , Gypseous, , , Field pH 6.5 (Raupach, 0.6); Gradual change to -
B22	0.7 - 0.8 m	Light yellowish brown (10YR6/4-Moist); ; Sandy light clay; Massive grade of structure; Earthy fabric; Dry; 10-20%, fine gravelly, 2-6mm, subrounded, Quartz, coarse fragments; Common (10 - 20 %), Ferromanganiferous, Coarse (6 - 20 mm), Nodules; , Calcareous, , , , Gypseous, , , Field pH 7 (Raupach, 0.8);

#### 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: 1429 Observation ID: 1  
Agency Name: QLD Department of Primary Industries

Laboratory Test Results:

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

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrypmle Shire, QLD  
Project Code: DLR Site ID: 1429 Observation ID: 1  
Agency Name: QLD Department of Primary Industries

Laboratory Analyses Completed for this profile