

**Project Name:** Preliminary Assessment and Survey of Land Degradation in the Dalrypmlle Shire, QLD  
**Project Code:** DLR                      **Site ID:** 801                      **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>	15/10/91	<b>Elevation:</b>	No Data
<b>Map Ref.:</b>	Sheet No. : 8156    GPS	<b>Rainfall:</b>	No Data
<b>Northing/Long.:</b>	7701462 AMG zone: 55	<b>Runoff:</b>	No Data
<b>Easting/Lat.:</b>	415924    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>	Existing vertical exposure, No Data

**Land Form**

<b>Rel/Slope Class:</b>	Undulating plains <9m 3-10%	<b>Pattern Type:</b>	Plain
<b>Morph. Type:</b>	Crest	<b>Relief:</b>	No Data
<b>Elem. Type:</b>	Hillcrest	<b>Slope Category:</b>	Gently inclined
<b>Slope:</b>	3 %	<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 Red Kandosol Thick Non-gravelly Loamy Clay-loamy Moderately deep	<b>Principal Profile Form:</b>	KGn2.1
<b>ASC Confidence:</b>	<b>Great Soil Group:</b>	Red earth

No analytical data are available but confidence is fair.

**Site Disturbance:** Highly disturbed, for example, quarrying, roadworks, mining, landfill, urban

**Vegetation:**    Low Strata - , , . \*Species includes - None recorded  
                         Mid Strata - , , . \*Species includes - None recorded  
                         Tall Strata - Tree, 6.01-12m, Sparse. \*Species includes - Eucalyptus papuana

**Surface Coarse Fragments:** 2-10%, coarse gravelly, 20-60mm, rounded, Quartz

**Profile Morphology**

A	0 - 0.2 m	; Sandy loam; Massive grade of structure; Earthy fabric; Dry; Very weak consistence; 90-100%, coarse gravelly, 20-60mm, rounded, dispersed, Quartz, coarse fragments; , Calcareous, , , , Gypseous, , ; Clear change to -
A2	0.2 - 0.4 m	; Sandy clay loam; Massive grade of structure; Earthy fabric; Dry; Very weak consistence; 90-100%, coarse gravelly, 20-60mm, rounded, dispersed, Quartz, coarse fragments; , Calcareous, , , , Gypseous, , ; Diffuse change to -
B2	0.4 - 0.8 m	; Clay loam; Massive grade of structure; Earthy fabric; Dry; Very weak consistence; 90-100%, cobbly, 60-200mm, rounded, dispersed, Quartz, coarse fragments; , Calcareous, , , , Gypseous, , ;

**Morphological Notes**

**Observation Notes**

**Site Notes**

**Laboratory Test Results:**

Depth	COLE	Gravimetric/Volumetric Water Contents							K sat	K unsat
		Sat.	0.05 Bar	0.1 Bar	0.5 Bar	1 Bar	5 Bar	15 Bar		
m		g/g - m <sup>3</sup> /m <sup>3</sup>							mm/h	mm/h
0.00	0.00	86.9	86.9	86.9	86.9	86.9	86.9	86.9	0.00	0.00
0.05	0.00	86.9	86.9	86.9	86.9	86.9	86.9	86.9	0.00	0.00
0.10	0.00	86.9	86.9	86.9	86.9	86.9	86.9	86.9	0.00	0.00
0.15	0.00	86.9	86.9	86.9	86.9	86.9	86.9	86.9	0.00	0.00
0.20	0.00	86.9	86.9	86.9	86.9	86.9	86.9	86.9	0.00	0.00
0.25	0.00	86.9	86.9	86.9	86.9	86.9	86.9	86.9	0.00	0.00
0.30	0.00	86.9	86.9	86.9	86.9	86.9	86.9	86.9	0.00	0.00
0.35	0.00	86.9	86.9	86.9	86.9	86.9	86.9	86.9	0.00	0.00
0.40	0.00	86.9	86.9	86.9	86.9	86.9	86.9	86.9	0.00	0.00
0.45	0.00	86.9	86.9	86.9	86.9	86.9	86.9	86.9	0.00	0.00
0.50	0.00	86.9	86.9	86.9	86.9	86.9	86.9	86.9	0.00	0.00
0.55	0.00	86.9	86.9	86.9	86.9	86.9	86.9	86.9	0.00	0.00
0.60	0.00	86.9	86.9	86.9	86.9	86.9	86.9	86.9	0.00	0.00
0.65	0.00	86.9	86.9	86.9	86.9	86.9	86.9	86.9	0.00	0.00
0.70	0.00	86.9	86.9	86.9	86.9	86.9	86.9	86.9	0.00	0.00
0.75	0.00	86.9	86.9	86.9	86.9	86.9	86.9	86.9	0.00	0.00
0.80	0.00	86.9	86.9	86.9	86.9	86.9	86.9	86.9	0.00	0.00
0.85	0.00	86.9	86.9	86.9	86.9	86.9	86.9	86.9	0.00	0.00
0.90	0.00	86.9	86.9	86.9	86.9	86.9	86.9	86.9	0.00	0.00
0.95	0.00	86.9	86.9	86.9	86.9	86.9	86.9	86.9	0.00	0.00
1.00	0.00	86.9	86.9	86.9	86.9	86.9	86.9	86.9	0.00	0.00
1.05	0.00	86.9	86.9	86.9	86.9	86.9	86.9	86.9	0.00	0.00
1.10	0.00	86.9	86.9	86.9	86.9	86.9	86.9	86.9	0.00	0.00
1.15	0.00	86.9	86.9	86.9	86.9	86.9	86.9	86.9	0.00	0.00
1.20	0.00	86.9	86.9	86.9	86.9	86.9	86.9	86.9	0.00	0.00
1.25	0.00	86.9	86.9	86.9	86.9	86.9	86.9	86.9	0.00	0.00
1.30	0.00	86.9	86.9	86.9	86.9	86.9	86.9	86.9	0.00	0.00
1.35	0.00	86.9	86.9	86.9	86.9	86.9	86.9	86.9	0.00	0.00
1.40	0.00	86.9	86.9	86.9	86.9	86.9	86.9	86.9	0.00	0.00
1.45	0.00	86.9	86.9	86.9	86.9	86.9	86.9	86.9	0.00	0.00
1.50	0.00	86.9	86.9	86.9	86.9	86.9	86.9	86.9	0.00	0.00
1.55	0.00	86.9	86.9	86.9	86.9	86.9	86.9	86.9	0.00	0.00
1.60	0.00	86.9	86.9	86.9	86.9	86.9	86.9	86.9	0.00	0.00
1.65	0.00	86.9	86.9	86.9	86.9	86.9	86.9	86.9	0.00	0.00
1.70	0.00	86.9	86.9	86.9	86.9	86.9	86.9	86.9	0.00	0.00
1.75	0.00	86.9	86.9	86.9	86.9	86.9	86.9	86.9	0.00	0.00
1.80	0.00	86.9	86.9	86.9	86.9	86.9	86.9	86.9	0.00	0.00
1.85	0									

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Laboratory Analyses Completed for this profile