

**Project Name:** Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD  
**Project Code:** DLR **Site ID:** 422 **Observation ID:** 1  
**Agency Name:** QLD Department of Primary Industries

**Site Information**

<b>Desc. By:</b>	M. DeCorte	<b>Locality:</b>	
<b>Date Desc.:</b>	19/09/91	<b>Elevation:</b>	340 metres
<b>Map Ref.:</b>	Sheet No. : 8157 GPS	<b>Rainfall:</b>	No Data
<b>Northing/Long.:</b>	7746241 AMG zone: 55	<b>Runoff:</b>	Rapid
<b>Easting/Lat.:</b>	397408 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>	No Data

**Land Form**

<b>Rel/Slope Class:</b>	Undulating rises 9-30m 3-10%	<b>Pattern Type:</b>	Rises
<b>Morph. Type:</b>	Open depression (vale)	<b>Relief:</b>	No Data
<b>Elem. Type:</b>	Hillslope	<b>Slope Category:</b>	Gently inclined
<b>Slope:</b>	2 %	<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 Brown Chromosol Medium Non-gravelly Clayey Shallow		<b>Principal Profile Form:</b>	Dy2.22
<b>ASC Confidence:</b>		<b>Great Soil Group:</b>	Yellow podzolic soil
No analytical data are available but confidence is fair.			

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

**Vegetation:** Low Strata - , , . \*Species includes - None recorded  
Mid Strata - , , . \*Species includes - None recorded  
Tall Strata - Tree, 3.01-6m, Sparse. \*Species includes - Eucalyptus shirleyi

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

**Profile Morphology**

A1	0 - 0.1 m	; , Calcareous, , ; , Gypseous, , ; Clear change to -
A2	0.1 - 0.15 m	; , Calcareous, , ; , Gypseous, , ; Clear change to -
B21c	0.15 - 0.25 m	; Common (10 - 20 %), Ferromanganiferous, Coarse (6 - 20 mm), Nodules; , Calcareous, , ; , Gypseous, , ; Clear change to -

**Morphological Notes**

**Observation Notes**

**Site Notes**

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**Laboratory Test Results:**

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

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

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 - m3/m3							
									mm/h	mm/h
0	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
31	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
32	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
33	1.00	0.00	0.00							

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Laboratory Analyses Completed for this profile