Project Name:
Project Code: **DUSLARA** **Site ID:** **142** **Observation ID:** **1**
Agency Name: **QLD Environment and Heritage**

Site Information

Desc. By:	Lorimer, Mal	**Locality:**	
Date Desc.:	01/03/99	**Elevation:**	No Data
Map Ref.:		**Rainfall:**	No Data
Northing/Long.:	146.11912808578	**Runoff:**	Slow
Easting/Lat.:	-22.0453422358047 Datum: GDA94	**Drainage:**	Poorly drained

Geology

ExposureType:	No Data	**Conf. Sub. is Parent. Mat.:**	No Data
Geol. Ref.:	No Data	**Substrate Material:**	No Data

Land Form

Rel/Slope Class: Gently undulating plains <9m 1-3% **Pattern Type:** Alluvial plain

Morph. Type:	Flat	**Relief:**	No Data
Elem. Type:	Terrace flat	**Slope Category:**	Very gently sloped
Slope:	%	**Aspect:**	No Data

Surface Soil Condition

Cracking

Erosion:

Soil Classification

Australian Soil Classification:
Haplic Crusty Brown Vertosol
ASC Confidence:
Confidence level not specified

Mapping Unit: N/A
Principal Profile Form: Ug5.24
Great Soil Group: N/A

Site

Complete clearing. Pasture, native or improved, cultivated at some stage

Vegetation:

Surface Coarse

Profile

B 0 - 2 m ;

Morphological Notes

Observation Notes

Site Notes

Concentrated on channels with stands of Acacia cambagei (gidgee). There is evidence of grazing and the weed Parthenium hysterophorus
(parthenium) is present. The site is located in black tones near the channels on the satellite image.

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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				%
0 - 2	5.4B 6.5A	0.04A	6.34G	4.14	0.29	0.45	0G			

Depth	CaCO3	Organic C	Avail. P	Total P	Total N	Total K	Bulk Density	GV	Particle Size Analysis CS	FS	Silt	Clay
m	%	%	mg/kg	%	%	%	Mg/m3			%		
0 - 2		0.3A	2K	130B				0.11				

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 - 2

Laboratory Analyses Completed for this profile

10D1	Potassium chloride - 40 sulfur (KCl-40)-S
12A1_Cu	DTPA - extractable copper, zinc, manganese and iron
12A1_Fe	DTPA - extractable copper, zinc, manganese and iron
12A1_Mn	DTPA - extractable copper, zinc, manganese and iron
12A1_Zn	DTPA - extractable copper, zinc, manganese and iron
12C1	Calcium chloride extractable boron - manual colour
14B1	Electrical conductivity/SE
15D2_CA	Exchangeable bases (Ca2+,Mg2+,Na+,K+) - 1M ammonium acetate at pH 7.0, pretreatment for soluble salts; automatic extractor
15D2_K	Exchangeable bases and CEC - 1M ammonium acetate at pH 7.0, pretreatment for soluble salts; mautomatic
15D2_MG	Exchangeable bases and CEC - 1M ammonium acetate at pH 7.0, pretreatment for soluble salts; mautomatic
15D2_NA	Exchangeable bases and CEC - 1M ammonium acetate at pH 7.0, pretreatment for soluble salts; mautomatic
15G_C_AL2	Exchangeable aluminium - meq per 100g of soil - Aluminium By KCl extraction and detremination By AAS
15K1	CEC - pH 8.2
15N1	Exchangeable sodium percentage (ESP)
18A1	Bicarbonate-extractable potassium
18B1	Hydrochloric acid - extractable potassium
3A1	EC of 1:5 soil/water extract
4A1	pH of 1:5 soil/water suspension
4B1	pH of 1:5 soil/0.01M calcium chloride extract - direct
5A1	Chloride - 1:5 soil/water extract, potentiometric titration
6A1	Organic carbon - Walkley and Black
7B1	Water soluble nitrate - automated colour
7D1a	Potentially mineralisable N, hot KCl extraction - automated colour, continuous segmented flow
9A3	Total Phosphorus (ppm) - semimicro kjeldahl, automated colour
9C1	Olsen-extractable phosphorus - manual colour
P10_GRAV	Gravel (%)
P6_LP	Dispersion Index (Loveday and Pyle, 1973)