

Project Name: LOC
Project Code: LOC Site ID: B954 Observation ID: 1
Agency Name: CSIRO Division of Soils (QLD)

Site Information

Desc. By:	K.J. Smith	Locality:	
Date Desc.:	//	Elevation:	No Data
Map Ref.:	Sheet No. : 9342 1:100000	Rainfall:	0
Northing/Long.:	152.403888888889	Runoff:	No Data
Easting/Lat.:	-27.755833333333	Drainage:	Well drained

Geology

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

Land Form

Rel/Slope Class:	No Data	Pattern Type:	Hills
Morph. Type:	Crest	Relief:	No Data
Elem. Type:	No Data	Slope Category:	No Data
Slope:	0 %	Aspect:	No Data

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification:	Mapping Unit:	N/A
N/A	Principal Profile Form:	Dy2.12
ASC Confidence:	Great Soil Group:	Yellow podzolic soil
Confidence level not specified		

Site Disturbance: Complete clearing. Pasture, native or improved, but never cultivated

Vegetation:

Surface Coarse Fragments:

Profile Morphology

A1	0 - 0.06 m	Very dark greyish brown (10YR3/2-Moist); ; Loamy sand (Heavy); Moderate grade of structure, 2-5 mm, Subangular blocky; Dry; Very weak consistence; Field pH 6 (pH meter); Clear change to -
A2	0.06 - 0.25 m	Strong brown (7.5YR4/6-Moist); ; Sandy clay loam; Weak grade of structure; Dry; Strong consistence; Field pH 7.5 (pH meter); Clear change to -
B21	0.25 - 0.54 m	Strong brown (7.5YR3/6-Moist); ; Medium clay; Strong grade of structure, 20-50 mm, Angular blocky; Dry; Strong consistence; Field pH 7.5 (pH meter); Clear change to -
C	0.54 - 0.64 m	; Field pH 8 (pH meter);

Morphological Notes

C Weathered yellow black & white sandstone.

Observation Notes

WAS LV292:

Site Notes

LOCKYER

Project Name: LOC

Project Code: LOC

Agency Name: CSIRO Division of Soils (QLD)

Site ID: B954

Observation ID: 1

Laboratory Test Results:

Depth	pH	1:5 EC	Ca	Exchangeable Mg	Cations K	Na	Exchangeable Acidity	CEC	ECEC	ESP
m		dS/m				Cmol (+)/kg				%
0 - 0.1	5.9A	0.157A	7.2J	2	1.18	0.1		12.4F		0.81
0.1 - 0.3	6.3A	0.153A	6.6J	1.4	0.97	0.3		11F		2.73
0.3 - 0.5	6.2A	0.141A	9.2J	2.5	0.71	0.3		14.5F		2.07
0.54 - 0.84	6.2A	0.17A	9.8J	3.4	0.82	0.2		16.2F		1.23

Depth	CaCO3	Organic C	Avail. P	Total P	Total N	Total K	Bulk Density	Particle GV	Size CS	Analysis FS	Silt	Clay
m	%	%	mg/kg	%	%	%	Mg/m3			%		
0 - 0.1												
0.1 - 0.3												
0.3 - 0.5												
0.54 - 0.84												

Depth	COLE	Sat.	Gravimetric/Volumetric Water Contents	K sat	K unsat
m			0.05 Bar 0.1 Bar 0.5 Bar 1 Bar 5 Bar 15 Bar	mm/h	mm/h
			g/g - m3/m3		
0 - 0.1					
0.1 - 0.3					
0.3 - 0.5					
0.54 - 0.84					

Project Name: LOC
Project Code: LOC **Site ID:** B954 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (QLD)

Laboratory Analyses Completed for this profile

15F1_CA	Exchangeable bases by 0.01M silver-thiourea (AgTU)+, no pretreatment for soluble salts
15F1_CEC	Exchangeable bases by 0.01m (AgTU)+, no pretreatment for soluble salts
15F1_K	Exchangeable bases by 0.01m (AgTU)+, no pretreatment for soluble salts
15F1_MG	Exchangeable bases by 0.01m (AgTU)+, no pretreatment for soluble salts
15F1_NA	Exchangeable bases by 0.01m (AgTU)+, no pretreatment for soluble salts
15F2_AL	Extractable Al(%) - Silver Thiorea
3A1	EC of 1:5 soil/water extract
4A1	pH of 1:5 soil/water suspension