

Project Name: LOC
Project Code: LOC **Site ID:** B952 **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.:	152.383055555556	Runoff:	No Data
Easting/Lat.:	-27.756388888889	Drainage:	Rapidly 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:	No Data
Morph. Type:	Upper-slope	Relief:	No Data
Elem. Type:	No Data	Slope Category:	No Data
Slope:	57.2 %	Aspect:	No Data

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification:	N/A	Mapping Unit:	N/A
ASC Confidence:	Confidence level not specified	Principal Profile Form:	Db3.12
		Great Soil Group:	Non-calcic brown soil

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

Vegetation:

Surface Coarse Fragments:

Profile Morphology

A1	0 - 0.18 m	Very dark greyish brown (10YR3/2-Moist); ; Clay loam; Moderate grade of structure, 2-5 mm, Subangular blocky; Dry; Very weak consistence; Field pH 8 (pH meter);
B21	0.18 - 0.34 m	Dark brown (7.5YR3/4-Moist); ; Medium clay; Moderate grade of structure, 10-20 mm, Subangular blocky; Dry; Strong consistence; Field pH 6.7 (pH meter);
B22	0.34 - 0.52 m	Strong brown (7.5YR5/6-Moist); ; Fine sandy medium clay; Weak grade of structure, Angular blocky; Dry; Strong consistence; Field pH 6 (pH meter);
C	0.52 - 0.62 m	; Field pH 6.7 (pH meter);

Morphological Notes

C Weathered red, yellow sandstone.

Observation Notes

WAS LV279:

Site Notes

LOCKYER

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 - 0.2	6.6A	0.186A	15.8J	4.4	1.94	0.1		25F		0.40
0.2 - 0.3	5.9A	0.094A	12.9J	6.7	1.12	0.2		23.5F		0.85
0.3 - 0.5	5.7A	0.081A	10.1J	7	0.62	0.2		19.7F		1.02
0.5 - 0.8	5.5A	0.067A	5.5J	4.4	0.36	0.1		11.1F		0.90

[illegible][illegible]

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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