

Project Name: LOC
Project Code: LOC **Site ID:** B1018 **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.:	152.462777777778	Runoff:	No Data
Easting/Lat.:	-27.633888888889	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:	Mid-slope	Relief:	No Data
Elem. Type:	No Data	Slope Category:	No Data
Slope:	30.8 %	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:	Dr2.11
		Great Soil Group:	Red podzolic soil

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

Vegetation:

Surface Coarse Fragments:

Profile Morphology

A1	0 - 0.1 m	Brown (7.5YR4/3-Moist); ; Clay loam, fine sandy; Moderate grade of structure, 5-10 mm, Subangular blocky; Dry; Strong consistence; Field pH 7.3 (pH meter); CommonGradual change to -
B21	0.1 - 0.2 m	Yellowish red (5YR5/7-Moist); ; Clay loam, fine sandy; Moderate grade of structure, Angular blocky; Moderately moist; Weak consistence; Field pH 6.5 (pH meter); Few
B22	0.2 - 0.5 m	Yellowish red (5YR5/7-Moist); , 7.5YR60, 2-10% , 0-5mm, Distinct; , 2-10% , 0-5mm, Distinct; Medium clay; Moderate grade of structure, Angular blocky; Moderately moist; Weak consistence; Field pH 6.5 (pH meter); Clear change to -
BC	0.5 - 0.8 m	Strong brown (7.5YR5/6-Moist); , 2.5YR46; , 7.5YR60; Light medium clay; Massive grade of structure; Moderately moist; Firm consistence; Field pH 6 (pH meter); Clear change to -
C	0.8 - 0.96 m	;

Morphological Notes

C Weathered yellow sandstone.

Observation Notes

CLEARED SOFTWOOD SCRUB:

Site Notes

LOCKYER

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Laboratory Test Results:

Depth	pH	1:5 EC	Exchangeable Ca	Exchangeable Mg	Cations K	Na	Exchangeable Acidity	CEC	ECEC	ESP
m		dS/m				Cmol	(+)/kg			%
0 - 0.1	5.9A	0.101A	6J	2.3	1.43	0.1		12F		0.83
0.1 - 0.2	5.8A	0.079A	4.9J	2.2	1.22	0.1		11.3F		0.88
0.2 - 0.5	5.5A	0.061A	12.7J	8.3	0.9	0.4		26.1F		1.53
0.5 - 0.7	5.5A	0.05A	8.9J	6.6	0.51	0.4		18.7F		2.14
0.7 - 0.9	5.4A	0.048A	7.8J	6.7	0.58	0.5		18.4F		2.72

[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