

Project Name: LOC
Project Code: LOC **Site ID:** B977 **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.:	152.354166666667	Runoff:	No Data
Easting/Lat.:	-27.7486111111111	Drainage:	Well drained

Geology

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

Land Form

Rel/Slope Class:	No Data	Pattern Type:	Mountains
Morph. Type:	Mid-slope	Relief:	No Data
Elem. Type:	No Data	Slope Category:	No Data
Slope:	33 %	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:	Dr2.21
		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 - 0.06 m	Dark brown (7.5YR3/4-Moist); ; Sandy loam; Moderate grade of structure, <2 mm, Granular; Moderately moist; Weak consistence; Field pH 6.5 (pH meter); CommonClear change to -
A2	0.06 - 0.28 m	Yellowish red (5YR4/6-Moist); Reddish yellow (5YR6/6-Dry); ; Weak grade of structure, Angular blocky; Dry; Strong consistence; 0-2%, cobbly, 60-200mm, Sandstone, coarse fragments; Field pH 5.5 (pH meter); FewGradual change to -
B21	0.28 - 0.67 m	Red (2.5YR4/6-Moist); ; Medium heavy clay; Strong grade of structure, 2-5 mm, Angular blocky; Dry; Strong consistence; 0-2%, cobbly, 60-200mm, Sandstone, coarse fragments; Field pH 4 (pH meter); Clear change to -
BC	0.67 - 1.02 m	Yellowish red (5YR5/8-Moist); ; Light medium clay; Moderate grade of structure, 5-10 mm, Angular blocky; Dry; Strong consistence; 10-20%, coarse gravelly, 20-60mm, Siltstone, coarse fragments; Field pH 4 (pH meter); Clear change to -
C	1.02 - 1.12 m	;

Morphological Notes

C Weatherd pinkish siltstone.

Observation Notes

WAS LV354:

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 - 0.1	6.6A	0.15A	9.7J	2.6	1.1	0.1		14.9F		0.67
0.06 - 0.28	6.3A	0.054A	5.4J	1	0.83	0.1		8.7F		1.15
0.4 - 0.5	4.4A	0.079A	2.5J	1.6	0.65	0.2		13.7F		1.46
0.6 - 0.7	4.2A	0.053A	0.7J	1.2	0.66	0.2		16.4F		1.22

[illegible][illegible]

Project Name: LOC
Project Code: LOC **Site ID:** B977 **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