

Project Name: LOC
Project Code: LOC **Site ID:** B976 **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.:	152.338055555556	Runoff:	No Data
Easting/Lat.:	-27.7411111111111	Drainage:	Well drained

Geology

ExposureType:	No Data	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	No Data	Substrate Material:	Unconsolidated material (unidentified)

Land Form

Rel/Slope Class:	No Data	Pattern Type:	Mountains
Morph. Type:	Upper-slope	Relief:	No Data
Elem. Type:	No Data	Slope Category:	No Data
Slope:	11 %	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:	Uf5.22
		Great Soil Group:	Krasnozem

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

Vegetation:

Surface Coarse Fragments:

Profile Morphology

A1	0 - 0.1 m	Dark reddish brown (5YR3/4-Moist); ; Light clay; Moderate grade of structure, <2 mm, Granular; Dry; Strong consistence; 2-10%, coarse fragments; Field pH 6 (pH meter); CommonGradual change to -
B1	0.1 - 0.3 m	Dark reddish brown (2.5YR3/4-Moist); ; Light medium clay; Strong grade of structure, 2-5 mm, Polyhedral; Dry; Strong consistence; Field pH 5.8 (pH meter); Diffuse change to -
	0.3 - 0.6 m	Dark red (2.5YR3/6-Moist); ; Light medium clay; Strong grade of structure, 2-5 mm, Polyhedral; Very weak consistence; Field pH 5.2 (pH meter); Diffuse change to -
	0.6 - 1 m	Dark reddish brown (2.5YR3/4-Moist); ; Medium clay; Strong grade of structure, 2-5 mm, Polyhedral; Very weak consistence; Field pH 5.3 (pH meter); Diffuse change to -
	1 - 1.5 m	Dark reddish brown (2.5YR3/4-Moist); ; Medium clay; Strong grade of structure, 2-5 mm, Polyhedral; Very weak consistence; 2-10%, Silcrete, coarse fragments; Field pH 4.2 (pH meter);

Morphological Notes

Max NP on silcrete boulder.

Observation Notes

WAS LV353 :

Site Notes

LOCKYER

Observation ID: 1

Laboratory Test Results:

Depth	pH	1:5 EC	Exchangeable Ca	Exchangeable Mg	Cations K	Exchangeable Na	Exchangeable Acidity	CEC	ECEC	ESP
m		dS/m				Cmol	(+)/kg			%
0 - 0.1	5.6A	0.09A	6.5J	3.3	1.29	0.1		15.3F		0.65
0.1 - 0.3	5A	0.061A	3.7J	1.7	0.47	0.1		11.2F		0.89
0.4 - 0.5	4.6A	0.041A	2J	0.7	0.17	0.1		10F		1.00
0.7 - 0.8	4.4A	0.028A	0.5J	0.3	0.08	0.1		10.6F		0.94
1 - 1.5	4.3A	0.042A	0.3J	0.9	0.09	0.2		9.8F		2.04

[illegible][illegible]

Project Name: LOC
Project Code: LOC **Site ID:** B976 **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