

Project Name: LOC
Project Code: LOC Site ID: B919 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.:	152.477777777778	Runoff:	No Data
Easting/Lat.:	-27.716388888889	Drainage:	Rapidly drained

Geology

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

Land Form

Rel/Slope Class:	No Data	Pattern Type:	Low hills
Morph. Type:	Ridge	Relief:	No Data
Elem. Type:	No Data	Slope Category:	No Data
Slope:	6.6 %	Aspect:	No Data

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
N/A		Principal Profile Form:	Dy3.43
ASC Confidence:		Great Soil Group:	Solodic soil
Confidence level not specified			

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

Vegetation:

Tall Strata - Tree, 6.01-12m, Mid-dense. *Species includes - Eucalyptus crebra

Surface Coarse Fragments:

Profile Morphology

A1	0 - 0.08 m	Dark greyish brown (10YR4/2-Moist); ; Sand; Weak grade of structure, Angular blocky; Dry; Very weak consistence; Field pH 5.5 (pH meter); FewClear change to -
A2	0.08 - 0.24 m	Pale brown (10YR6/3-Moist); White (10YR8/1-Dry); ; Sand; Massive grade of structure; Dry; Strong consistence; 20-50%, rounded, Gravel, coarse fragments; Field pH 5.7 (pH meter); Abrupt change to -
B21	0.24 - 0.6 m	Yellowish brown (10YR5/4-Moist); , 7.5YR58; Medium clay; Moderate grade of structure, Angular blocky; Dry; Very strong consistence; Field pH 7 (pH meter); Diffuse change to -
B22	0.6 - 1 m	Brownish yellow (10YR6/7-Moist); ; Medium clay; Moderate grade of structure, Angular blocky; Dry; Very strong consistence; Field pH 8.5 (pH meter);

Morphological Notes

Observation Notes

WAS LV129:

Site Notes

LOCKYER

Observation ID: 1

Laboratory Test Results:

Depth	pH	1:5 EC	Ca	Exchangeable Mg	Cations K	Exchangeable Na	CEC	ECEC	ESP
m		dS/m				Acidity Cmol (+)/kg			%
0 - 0.1	5.2A	0.026A	2.4J	1.3	0.31	0.1	4.9F		2.04
0.08 - 0.24	6.7A	0.027A	0.2J	0.3	0.09	0.1	0.6F		16.67
0.35 - 0.4	7.2A	0.537A	1.5J	11.8	0.05	8.8	20.8F		42.31
0.6 - 1	8.3A	1.23A	1.4J	9.6	0.05	9.1	21.9F		41.55

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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