

Project Name: LOC  
Project Code: LOC Site ID: B901 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.:	152.254166666667	Runoff:	No Data
Easting/Lat.:	-27.5875	Drainage:	No Data

**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:	Crest	Relief:	No Data
Elem. Type:	No Data	Slope Category:	No Data
Slope:	4.4 %	Aspect:	No Data

**Surface Soil Condition (dry):**

**Erosion:**

**Soil Classification**

Australian Soil Classification:	Mapping Unit:	N/A
N/A	Principal Profile Form:	Dr4.13
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, 12.01-20m, Isolated plants. \*Species includes - Eucalyptus crebra

**Surface Coarse Fragments:**

**Profile Morphology**

A1	0 - 0.12 m	Black (10YR2/1-Moist); ; Loam (Heavy); Moderate grade of structure, 10-20 mm, Subangular blocky; Moderately moist; Firm consistence; 0-2%, coarse gravelly, 20-60mm, Gravel, coarse fragments; Field pH 6 (pH meter); ManyClear change to -
B21	0.12 - 0.4 m	Dark reddish brown (5YR3/4-Moist); ; Medium heavy clay; Strong grade of structure, 10-20 mm, Subangular blocky; Moderately moist; Firm consistence; Field pH 5.5 (pH meter); CommonGradual change to -
B22	0.4 - 0.6 m	Dark yellowish brown (10YR3/5-Moist); ; Medium clay; Strong grade of structure, Subangular blocky; Moderately moist; Firm consistence; 0-2%, fine gravelly, 2-6mm, Gravel, coarse fragments; Field pH 7 (pH meter); FewClear change to -
C	0.6 - 0.65 m ;	

**Morphological Notes**

C Many carbonate nods. with pale yellow brown L-MC matrix.

**Observation Notes**

WAS LV84:

**Site Notes**

LOCKYER

**Laboratory Test Results:**

[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