

Project Name: LOC
Project Code: LOC Site ID: B971 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.:		Runoff:	No Data
Easting/Lat.:		Drainage:	Moderately 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:	Pediment
Morph. Type:	No Data	Relief:	No Data
Elem. Type:	No Data	Slope Category:	No Data
Slope:	0 %	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:	Ug5.16
		Great Soil Group:	Grey clay

Site Disturbance:

Vegetation:

Surface Coarse Fragments:

Profile Morphology

A1	0 - 0.04 m	Very dark grey (10YR3/1-Moist); ; Light clay; Moderate grade of structure, 5-10 mm, Subangular blocky; Moist; Very weak consistence; Clear change to -
B1	0.04 - 0.2 m	Very dark grey (10YR3/1-Moist); ; Light clay; Moderate grade of structure, 20-50 mm, Angular blocky; Moist; Weak consistence; Gradual change to -
B21	0.2 - 0.6 m	Dark greyish brown (10YR4/2-Moist); ; Medium clay; Strong grade of structure, Angular blocky; Moist; Firm consistence; Diffuse change to -
B22	0.6 - 1.1 m	Yellowish brown (10YR5/4-Moist); ; Medium heavy clay; Moderate grade of structure, Subangular blocky; Moderately moist; Firm consistence;

Morphological Notes

Observation Notes

WAS LV344:

Site Notes

LOCKYER

Observation ID: 1

Laboratory Test Results:

Depth	pH	1:5 EC	Exchangeable Cations			Exchangeable	CEC	ECEC	ESP
m		dS/m	Ca	Mg	K	Na Cmol (+)/kg	Acidity		%
0 - 0.1	5.2A	0.053A	8J	4.3	0.66	0.1		16.3F	0.61
0.04 - 0.2	6.2A	0.053A	10.6J	6.1	0.28	0.63		21.4F	2.94
0.4 - 0.5	8.3A	0.4A	10.2J	11.3	0.13	5.5		27.6F	19.93
0.9 - 1	5.7A	0.64A	5.9J	13.8	0.14	9.3		27.3F	34.07

[illegible][illegible]

Project Name: LOC
Project Code: LOC **Site ID:** B971 **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
3A1	EC of 1:5 soil/water extract
4A1	pH of 1:5 soil/water suspension
6A1	Organic carbon - Walkley and Black
9G_BSES	Available P (mg/kg) - Acid P - 0.005M H2SO4 (BSES)