

Project Name: LOC
Project Code: LOC Site ID: B999 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.:	152.363888888889	Runoff:	No Data
Easting/Lat.:	-27.799444444444	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:	Stagnant alluvial plain
Morph. Type:	Crest	Relief:	No Data
Elem. Type:	No Data	Slope Category:	No Data
Slope:	1.1 %	Aspect:	No Data

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
N/A		Principal Profile Form:	Ug5.2
ASC Confidence:		Great Soil Group:	Grey clay
Confidence level not specified			

Site Disturbance: Cultivation. Rainfed

Vegetation:

Surface Coarse Fragments:

Profile Morphology

A1	0 - 0.3 m	Very dark grey (10YR3/1-Moist); ; Medium heavy clay; Strong grade of structure, Granular; Moist; Firm consistence; Very few (0 - 2 %), Calcareous, , Nodules; Field pH 9 (pH meter); Clear change to -
B21	0.3 - 0.65 m	Dark grey (10YR4/1-Moist); ; Medium heavy clay; Strong grade of structure, Angular blocky; Moist; Firm consistence; Very few (0 - 2 %), Calcareous, , Nodules; Field pH 9 (pH meter);

Morphological Notes

B21 Max NP on alluvial gravels.

Observation Notes

WAS LV403:

Site Notes

LOCKYER

Laboratory Test Results:

Depth	CaCO3	Organic	Avail.	Total	Total	Total	Bulk	Particle		Size	Analysis	
		C	P	P	N	K	Density	GV	CS	FS	Silt	Clay
m	%	%	mg/kg	%	%	%	Mg/m3			%		

0 - 0.3
0.3 - 0.65

[illegible]

0 - 0.3
0.3 - 0.65

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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