

Project Name: LSG
Project Code: LSG **Site ID:** CP64 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (VIC)

Site Information

Desc. By:	J.R. Sleeman	Locality:	Site 3. furthest from road:
Date Desc.:	23/06/84	Elevation:	80 metres
Map Ref.:	Sheet No. : 7626 1:100000	Rainfall:	360
Northing/Long.:	143.966666666667	Runoff:	Slow
Easting/Lat.:	-35.766666666667	Drainage:	Poorly drained

Geology

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

Land Form

Rel/Slope Class:	Gently undulating plains <9m 1-3%	Pattern Type:	Alluvial plain
Morph. Type:	Flat	Relief:	No Data
Elem. Type:	Valley flat	Slope Category:	Level
Slope:	1 %	Aspect:	200 degrees

Surface Soil Condition (dry): Hardsetting

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Episodic-Epicalcareous Epipedal Grey Vertosol		Principal Profile Form:	Ug5.5
ASC Confidence:	No analytical data are available but confidence is fair.	Great Soil Group:	Brown clay

Site Disturbance:

Vegetation:

Surface Coarse Fragments:

Profile Morphology

0 - m	Dark grey (10YR4/1-Moist); ; Light medium clay; <2 mm, Angular blocky; 5-10 mm, Angular blocky; Rigid consistence; Very few (0 - 2 %), Calcareous, Coarse (6 - 20 mm), Concretions; Clear change to -
- 0.15 m	Greyish brown (10YR5/2-Moist); ; Light medium clay; Massive grade of structure; Very firm consistence; Few (2 - 10 %), Calcareous, Coarse (6 - 20 mm), Concretions; Diffuse change to -
0.15 - 0.39 m	Grey (10YR5/1-Moist); , 10YR63, 20-50% , Distinct; , 20-50% , Distinct; Light medium clay; Massive grade of structure; Very weak consistence; Very few (0 - 2 %), Calcareous, Coarse (6 - 20 mm), Concretions;
0.39 - 0.77 m	Very pale brown (10YR7/4-Moist); ; Light medium clay; Massive grade of structure; , Manganiferous, Fine (0 - 2 mm), Soft segregations; Very few (0 - 2 %), Calcareous, Medium (2 - 6 mm), Concretions;

Morphological Notes

Observation Notes

SLIKENSIDES (15-39CM)

Site Notes

KERAGE FARM

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Laboratory Test Results:

Depth	pH	1:5 EC	Exchangeable Cations			Exchangeable	CEC	ECEC	ESP
m		dS/m	Ca	Mg	K	Na	Acidity		
						Cmol (+)/kg			%

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

Depth	COLE	Gravimetric/Volumetric Water Contents						K sat	K unsat
		Sat.	0.05 Bar	0.1 Bar	0.5 Bar	1 Bar	5 Bar		
m					g/g -	m3/m3		mm/h	mm/h

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Laboratory Analyses Completed for this profile