

Project Name: Katanning land resources survey
Project Code: KLC **Site ID:** 0895 **Observation ID:** 1
Agency Name: Agriculture Western Australia

Site Information

Desc. By: Heather Percy	Locality:
Date Desc.: 15/06/93	Elevation: 279 metres
Map Ref.:	Rainfall: No Data
Northing/Long.: 6285930 AMG zone: 50	Runoff: No Data
Easting/Lat.: 562010 Datum: AGD84	Drainage: Imperfectly drained

Geology

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

Land Form

Rel/Slope Class: Level plain <9m <1%	Pattern Type: Alluvial plain
Morph. Type: Flat	Relief: 1 metres
Elem. Type: Plain	Slope Category: No Data
Slope: 0 %	Aspect: No Data

Surface Soil Condition Loose

Erosion: (wind); (sheet) (rill) (gully)

Soil Classification

Australian Soil Classification: N/A	Mapping Unit: N/A
ASC Confidence: Confidence level not specified	Principal Profile Form: Dy5.42
	Great Soil Group: N/A

Site Complete clearing. Pasture, native or improved, cultivated at some stage

Vegetation:

Surface Coarse No surface coarse fragments; No surface coarse fragments

Profile

A1p	0 - 0.15 m	Dark grey (10YR4/1-Moist); , 0-0% ; Sand; Single grain grade of structure; Moist; Loose consistence;
		Field pH 8 (Raupach); Many, very fine (0-1mm) roots; Clear change to -
A2e	0.15 - 0.28 m	Pale brown (10YR6/3-Moist); , 0-0% ; Sand; Single grain grade of structure; Moist; Loose consistence;
		Field pH 6 (Raupach); Few, very fine (0-1mm) roots; Abrupt, Wavy change to -
B2	0.28 - 0.45 m	Light yellowish brown (10YR6/4-Moist); Mottles, 10YR58, 20-50% , 15-30mm, Distinct;
	Light medium	clay; Moderate grade of structure; Rough-ped fabric; Moderately moist; Firm consistence;
		Field pH 5.5
		(Raupach); Few, very fine (0-1mm) roots; Clear change to -
B3	0.45 - 0.6 m	Yellowish brown (10YR5/8-Moist); Mottles, 10YR61, 2-10% , 15-30mm, Distinct; Light
	clay; Weak grade	of structure; Rough-ped fabric; Dry; Firm consistence; Field pH 6 (Raupach); Few, very
		fine (0-1mm)
		roots; Gradual change to -
C	0.6 - 0.95 m	Yellowish brown (10YR5/6-Moist); Mottles, 10YR56, 2-10% , 15-30mm, Faint; Sandy clay
	loam; Massive	grade of structure; Moderately moist; Firm consistence; Field pH 6.5 (Raupach);

Morphological Notes

B2 Possibly domed.

Observation Notes

Site Notes

Robinson Road.

Project Name: Katanning land resources survey
Project Code: KLC **Site ID:** 0895 **Observation** 1
Agency Name: Agriculture Western Australia

Laboratory Test Results:

Depth	pH	1:5 EC	Ca	Exchangeable Cations	Na	Exchangeable Acidity	CEC	ECEC	ESP
				Mg K					

m	dS/m	Cmol (+)/kg							%
0 - 0.1	5.3B								
0.15 - 0.25	4.5B								
0.28 - 0.45	4.6B	63B	0.88H	2.33	0.03	0.45	0.04J	3.69D	
	4.9H								
0.28 - 0.45	4.6B	63B	0.88H	2.33	0.03	0.45	0.04J	3.69D	
	4.9H								
0.3 - 0.4	4.5B								

Depth	CaCO3	Organic C	Avail. P	Total P	Total N	Total K	Bulk Density	Particle Size Analysis	
m	%	Clay %	mg/kg	%	%	%	Mg/m3	GV CS FS Silt	%
0 - 0.1									
0.15 - 0.25									
0.28 - 0.45								51.5I	5
0.28 - 0.45								51.5I	5
0.3 - 0.4									

Laboratory Analyses Completed for this profile

15_NR_BSa	Exchangeable bases (Ca++) - meq per 100g of soil - Auto calculated from available
15_NR_CM	Exchangeable bases (Ca/Mg ratio) - Not recorded
15E1_AL	Exchangeable Al - by compulsive exchange, no pretreatment for soluble salts
15E1_CA	Exchangeable bases (Ca2+,Mg2+,Na+,K+) by compulsive exchange, no pretreatment for soluble salts
15E1_K	Exchangeable bases, CEC and AEC by compulsive exchange, no pretreatment for soluble salts
15E1_MG	Exchangeable bases, CEC and AEC by compulsive exchange, no pretreatment for soluble salts
15E1_MN	Exchangeable bases (Mn2+) by compulsive exchange, no pretreatment for soluble salts
15E1_NA	Exchangeable bases, CEC and AEC by compulsive exchange, no pretreatment for soluble salts
15J_BASES	Sum of Bases
15N1_b	Exchangeable sodium percentage (ESP) - Auto calculated from available using Sum of Cations
3_NR	Electrical conductivity or soluble salts - Not recorded
4_NR	pH of soil - Not recorded
4B_AL_NR	Aluminium in 1:5 soil/0.01M calcium chloride extract - method not recorded
4B1	pH of 1:5 soil/0.01M calcium chloride extract - direct
P10_gt2m	> 2mm particle size analysis, (method not recorded)
P10_NR_C	Clay (%) - Not recorded
P10_NR_S	Sand (%) - Not recorded
P10_NR_Z	Silt (%) - Not recorded