

**Project Name:** Katanning land resources survey  
**Project Code:** KLC **Site ID:** 0752 **Observation ID:** 1  
**Agency Name:** Agriculture Western Australia

**Site Information**

<b>Desc. By:</b>	Jaki Hogstrom	<b>Locality:</b>	
<b>Date Desc.:</b>	22/04/93	<b>Elevation:</b>	230 metres
<b>Map Ref.:</b>		<b>Rainfall:</b>	No Data
<b>Northing/Long.:</b>	6296290 AMG zone: 50	<b>Runoff:</b>	No Data
<b>Easting/Lat.:</b>	481680 Datum: AGD84	<b>Drainage:</b>	Poorly drained

**Geology**

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

**Land Form**

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

**Surface Soil Condition** Hardsetting, Hardsetting

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

**Soil Classification**

<b>Australian Soil Classification:</b>		<b>Mapping Unit:</b>	N/A
N/A		<b>Principal Profile Form:</b>	Dy3.22
<b>ASC Confidence:</b>		<b>Great Soil Group:</b>	N/A
Confidence level not specified			

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

**Vegetation:**

**Surface Coarse** No surface coarse fragments; No surface coarse fragments

**Profile**

Ap	0 - 0.1 m	Very dark grey (10YR3/1-Moist); , 0-0% ; Loamy fine sand; Single grain grade of structure; Moist; Very roots; Abrupt,
		Wavy change to -
A21	0.1 - 0.2 m	Yellowish brown (10YR5/4-Moist); , 0-0% ; Clayey fine sand; Single grain grade of structure; Moist;
		Loose consistence; Field pH 6 (Raupach); Many, fine (1-2mm) roots; Gradual change to -
A22	0.2 - 0.4 m	Olive yellow (2.5Y6/6-Moist); , 0-0% ; Clayey fine sand; Single grain grade of structure; Moist; Loose
		consistence; Field pH 7 (Raupach); Common, fine (1-2mm) roots; Clear change to -
B1	0.4 - 0.5 m	Yellowish brown (10YR5/6-Moist); Mottles, 7.5YR56, 2-10% , 0-5mm, Faint; Sandy light clay; Weak
		grade of structure; Rough-ped fabric; Moderately moist; Very weak consistence; Field pH 7 (Raupach);
		Few, fine (1-2mm) roots; Clear change to -
B21	0.5 - 0.7 m	Yellowish brown (10YR5/6-Moist); Mottles, 5YR46, 20-50% , 5-15mm, Distinct; Light medium clay;
		Moderate grade of structure; Rough-ped fabric; Moderately moist; Weak consistence; Field pH 7
		(Raupach); Few, fine (1-2mm) roots;
B22	0.7 - 0.8 m	Yellowish brown (10YR5/6-Moist); Mottles, 5YR46, 20-50% , 5-15mm, Distinct; Mottles, 2.5Y61, 2-10% ,
		5-15mm, Distinct; Medium clay; Massive grade of structure; Moderately moist; Weak consistence; Field
		pH 7 (Raupach); Few, fine (1-2mm) roots;

**Morphological Notes**

B1 Fine sand in medium sandy light clay

**Observation Notes**

**Site Notes**

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**Laboratory Test Results:**

Depth	pH	1:5 EC	Ca	Exchangeable Mg	Cations K	Na	Exchangeable Acidity	CEC	ECEC	ESP
m		dS/m				Cmol (+)/kg				%
0 - 0.1	4.9B									
0.1 - 0.2	4.6B									
0.1 - 0.2	4.6B									
0.4 - 0.5	5.7B									

Depth	CaCO3	Organic C Clay	Avail. P	Total P	Total N	Total K	Bulk Density	Particle GV	Size CS	Analysis FS	Silt
m	%	%	mg/kg	%	%	%	Mg/m3			%	
0 - 0.1											
0.1 - 0.2											8.1
6.2											
0.1 - 0.2											8.1
6.2											
0.4 - 0.5											

**Laboratory Analyses Completed for this profile**

4B1	pH of 1:5 soil/0.01M calcium chloride extract - direct
P10_1m2m	1000 to 2000u particle size analysis, (method not recorded)
P10_20_75	20 to 75u particle size analysis, (method not recorded)
P10_75_106	75 to 106u particle size analysis, (method not recorded)
P10_NR_C	Clay (%) - Not recorded
P10_NR_Saa	Sand (%) - Not recorded arithmetic difference, auto generated
P10_NR_Z	Silt (%) - Not recorded
P10106_150	106 to 150u particle size analysis, (method not recorded)
P10150_180	150 to 180u particle size analysis, (method not recorded)
P10180_300	180 to 300u particle size analysis, (method not recorded)
P10300_600	300 to 600u particle size analysis, (method not recorded)
P106001000	600 to 1000u particle size analysis, (method not recorded)