

Project Name: Katanning land resources survey
Project Code: KLC **Site ID:** 1674 **Observation ID:** 1
Agency Name: Agriculture Western Australia

Site Information

Desc. By: Heather Percy
Date Desc.: 01/06/94
Map Ref.:
Northing/Long.: 6333450 AMG zone: 50
Easting/Lat.: 494310 Datum: AGD84
Locality:
Elevation: 320 metres
Rainfall: No Data
Runoff: No Data
Drainage: Poorly drained

Geology

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

Land Form

Rel/Slope Class: Gently undulating rises 9-30m 1-3%
Pattern Type: Rises

Morph. Type: Upper-slope
Elem. Type: Hillslope
Slope: 2 %
Relief: 20 metres
Slope Category: No Data
Aspect: 0 degrees

Surface Soil Condition Hardsetting, Hardsetting

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

Soil Classification

Australian Soil Classification: Mesotrophic Mottled-Mesonatric Grey Sodosol
ASC Confidence: Confidence level not specified
Mapping Unit: N/A
Principal Profile Form: Dy3.21
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

A1 0 - 0.1 m Very dark greyish brown (10YR3/2-Moist); , 0-0% ; Sand; Single grain grade of structure; Moist; Field pH 6 (Raupach); Abrupt change to -
 A2 0.1 - 0.25 m Brown (10YR5/3-Moist); , 0-0% ; Clayey coarse sand; Massive grade of structure; Moist; Field pH 6.5 (Raupach); Abrupt change to -
 B2t 0.25 - 0.6 m Light brownish grey (2.5Y6/3-Moist); Mottles, 7.5YR56, 10-20% , 5-15mm, Distinct; , 2.5YR46, 10-20% , 0-5mm, Distinct; Medium clay; Strong grade of structure; Rough-ped fabric; Moderately moist; Field pH 6 (Raupach);

Morphological Notes

Observation Notes

Site Notes

Site along Hurley Road.

Project Name: Katanning land resources survey
Project Code: KLC **Site ID:** 1674 **Observation** 1
Agency Name: Agriculture Western Australia

Laboratory Test Results:

Depth m	pH	1:5 EC dS/m	Ca	Exchangeable Mg	Cations K	Na Cmol (+)/kg	Exchangeable Acidity	CEC	ECEC	ESP %
0.25 - 0.45	4.8B 5.7H	14B	0.67H	5	0.19	0.98	0.05J		6.84D	

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	%
0.25 - 0.45							411	4
55								

Laboratory Analyses Completed for this profile

15_NR_BSa	Exchangeable bases (Ca++) - meq per 100g of soil - Auto calculated from available
15_NR_CMV	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_BA	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
4B1	pH of 1:5 soil/0.01M calcium chloride extract - direct
P10_NR_C	Clay (%) - Not recorded
P10_NR_S	Sand (%) - Not recorded
P10_NR_Z	Silt (%) - Not recorded