

Project Name: Tonebridge land resources survey
Project Code: TON **Site ID:** 0741 **Observation ID:** 1
Agency Name: Agriculture Western Australia

Site Information

Desc. By: Angela Stuart-Street
Date Desc.: 18/11/98
Map Ref.:
Northing/Long.: 6196011 AMG zone: 50
Easting/Lat.: 487274 Datum: AGD84
Locality:
Elevation: No Data
Rainfall: No Data
Runoff: No Data
Drainage: Moderately well drained

Geology

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

Landform

Rel/Slope Class: Gently undulating plains <9m 1-3%
Pattern Type: Alluvial plain

Morph. Type: Lower-slope
Elem. Type: Plain
Slope: 1 %
Relief: No Data
Slope Category: No Data
Aspect: 45 degrees

Surface Soil Condition Soft

Erosion (wind); (scald) (sheet) (wave) (rill) (mass)
 (gully) (stbank) (tunnel)

Soil Classification

Australian Soil Classification: Mesotrophic Mottled-Hypernatric Yellow Sodosol
Mapping Unit: N/A
Principal Profile Form: N/A
ASC Confidence: Confidence level not specified
Great Soil Group: N/A

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

Vegetation

Surface Coarse Fragments No surface coarse fragments

Profile Morphology

A11	0 - 0.15 m	Black (10YR2/1-Moist); ; Loamy sand; Single grain grade of structure; Sandy (grains prominent) fabric;
		Moist; Field pH 5.2 (pH meter); Abrupt change to -
A21	0.15 - 0.3 m	Dark yellowish brown (10YR4/6-Moist); ; Clayey sand; Single grain grade of structure; Sandy (grains prominent) fabric; Moist; Field pH 5.8 (pH meter); Clear change to -
A22	0.3 - 0.6 m	Yellowish brown (10YR5/6-Moist); ; Clayey sand; Single grain grade of structure; Sandy (grains prominent) fabric; Moist; Field pH 6 (pH meter); Clear change to -
A23	0.6 - 0.7 m	Yellow (10YR7/6-Moist); ; Clayey sand; Single grain grade of structure; Sandy (grains prominent) fabric; Moist; Field pH 6 (pH meter); Clear change to -
B21t	0.7 - 0.9 m	Brownish yellow (10YR6/8-Moist); , 2.5Y63, 10-20% , 0-5mm, Prominent; , 5YR46, 2-10% , 0-5mm,
		Distinct; Fine sandy light clay; Massive grade of structure; Sandy (grains prominent) fabric; Moist; Field pH 6 (pH meter);

Morphological Notes

Observation Notes

Site Notes

Sloping plain area, near low rise. Yarnup swamp across road. Sample collected for sodicity analysis.

Project Name: Tonebridge land resources survey
Project Code: TON **Site ID:** 0741 **Observation** 1
Agency Name: Agriculture Western Australia

Laboratory Test Results:

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

0.7 - 0.9	5.6B 5.8H	30B	0.62H	2.37	0.02	1.15	0.04J	4.16D
-----------	--------------	-----	-------	------	------	------	-------	-------

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			%	
0.7 - 0.9 30									67.5l		2.5

Laboratory Analyses Completed for this profile

15_NR_BSa	Exchangeable bases (Ca++) - meq per 100g of soil - Auto calculated from available
15_NR_CMRR	Exchangeable bases (Ca/Mg ratio) - Not recorded
15_NR_MN	Exchangeable bases (Mn++) - meq per 100g of soil - 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_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
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