Project Name: **Tonebridge land resources survey**
Project Code: **TON** **Site ID:** **0791** **Observation ID:** **1**
Agency Name: **Agriculture Western Australia**

Site Information

Desc. By:	Angela Stuart-Street	**Locality:**	
Date Desc.:	11/11/98	**Elevation:**	No Data
Map Ref.:		**Rainfall:**	No Data
Northing/Long.:	6201890 AMG zone: 50	**Runoff:**	No Data
Easting/Lat.:	476765 Datum: AGD84	**Drainage:**	Moderately well drained

Geology

ExposureType:	Soil pit	**Conf. Sub. is Parent. Mat.:**	No Data
Geol. Ref.:	No Data	**Substrate Material:**	No Data

Landform

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

Morph. Type:	Flat	**Relief:**	No Data
Elem. Type:	Plain	**Slope Category:**	No Data
Slope:	1 %	**Aspect:**	180 degrees

Surface Soil Condition

Loose

Erosion

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

Soil Classification

Australian Soil Classification:
Acidic Tenosolic Redoxic Hydrosol
ASC Confidence:
Confidence level not specified

Mapping Unit: N/A
Principal Profile Form: N/A
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

A1p 0 - 0.15 m Very dark grey (10YR3/1-Moist); , 0-0% ; Loamy fine sand; Single grain grade of structure; Sandy (grains prominent) fabric; Moderately moist; Loose consistence; Clear, Wavy change to -

A2 0.15 - 0.3 m Dark greyish brown (10YR4/2-Moist); , 0-0% ; Fine sand; Single grain grade of structure; Sandy (grains prominent) fabric; Moderately moist; Loose consistence; Abrupt, Smooth change to -

B21 0.3 - 0.7 m Greyish brown (10YR5/2-Moist); , 10YR71, 10-20% , 0-5mm, Distinct; Fine sand; Single grain grade of structure; Sandy (grains prominent) fabric; Moist; Loose consistence; Diffuse, Irregular change to -

B22 0.7 - 1.1 m Greyish brown (10YR5/2-Moist); , 10YR71, 10-20% , 0-5mm, Distinct; Fine sand; Single grain grade of structure; Sandy (grains prominent) fabric; Wet; Loose consistence;

1.1 - m ;

Morphological Notes

Observation Notes

Site Notes

on edge of broad, flat alluvial plain, below a dam. Pit been pretty trampled over by stock. Water seeping in and standing at 105 cm.

Project Name: **Tonebridge land resources survey**
Project Code: **TON** **Site ID:** **0791** **Observation** **1**
Agency Name: **Agriculture Western Australia**

Laboratory Test Results:

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

0 - 0.15	3.9B 5.2H	4B	4.18H	0.24	0.11	0.11	0.1J	4.64D
0.15 - 0.3	3.6B 4.8H	2B	0.93H	0.04	<0.02	0.02	0.06J	1D
0.3 - 0.7	3.8B 4.9H	1B	0.16H	<0.02	<0.02	<0.02	0.02J	0.19D
0.7 - 1.1	4.1B 4.9H	1B	0.08H	<0.02	<0.02	0.02	0.02J	0.12D

Depth	CaCO3	Organic C	Avail. P	Total P	Total N	Total K	Bulk Density	GV	Particle Size Analysis CS	FS	Silt
		Clay									
m	%	%	mg/kg	%	%	%	Mg/m3			%	
0 - 0.15		2.32D		38B							1.6
0.6											
0.15 - 0.3		0.66D		10B							0.9
0.6											
0.3 - 0.7		0.22D		9B							0.6
0.2											
0.7 - 1.1		0.1D		10B							0.6
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_CMR	Exchangeable bases (Ca/Mg ratio) - Not recorded
15_NR_K	Exch. basic cations (K++) - meq per 100g of soil - Not recorded
15_NR_MG	Exch. basic cations (Mg++) - meq per 100g of soil - Not recorded
15_NR_MN	Exchangeable bases (Mn++) - meq per 100g of soil - Not recorded
15_NR_NA	Exch. basic cations (Na++) - 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
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
6A1_UC	Organic carbon (%) - Uncorrected Walkley and Black method
9A3	Total Phosphorus (ppm) - semimicro kjeldahl, automated colour
9H1	Anion storage capacity
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)