

Project Name: Tonebridge land resources survey
Project Code: TON **Site ID:** 0670 **Observation ID:** 1
Agency Name: Agriculture Western Australia

Site Information

Desc. By: Angela Stuart-Street
Date Desc.: 29/10/98
Map Ref.:
Northing/Long.: 6219706 AMG zone: 50
Easting/Lat.: 491079 Datum: AGD84
Locality:
Elevation: No Data
Rainfall: No Data
Runoff: No Data
Drainage: 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 rises 9-30m 1-3% **Pattern Type:** Rises

Morph. Type: Lower-slope
Elem. Type: Hillslope
Slope: 2 %
Relief: No Data
Slope Category: No Data
Aspect: 270 degrees

Surface Soil Condition Soft

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

Soil Classification

Australian Soil Classification: Mesotrophic Mottled-Subnatic Yellow Sodosol
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

A11 0 - 0.1 m Dark greyish brown (10YR4/2-Moist); ; Loamy fine sand;
 A21 0.1 - 0.25 m Pale brown (10YR6/3-Moist); ; Loamy sand;
 A22 0.25 - 0.4 m Very pale brown (10YR7/4-Moist); ; Clayey sand; 20-50%, fine gravelly, 2-6mm, subrounded, Ironstone, coarse fragments;
 B21 0.4 - 0.65 m Brownish yellow (10YR6/8-Moist); , 10YR74; Sandy light clay;

Morphological Notes

Observation Notes

Site Notes

Site on lower slope of rise, adjacent to drainage line - profile very like last site. Sample collected for sodicity analysis.

Project Name: Tonebridge land resources survey
Project Code: TON **Site ID:** 0670 **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 %
0.4 - 0.65	6.1B 6.7H	6B	1.23A	3.82	0.03	0.43			5.51D	

Depth m	CaCO3 %	Organic C Clay %	Avail. P mg/kg	Total P %	Total N %	Total K %	Bulk Density Mg/m3	Particle GV %	Size CS %	Analysis FS %	Silt

0.4 - 0.65
60.5

35.5l

4

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
15A1_CA for soluble	Exchangeable bases (Ca2+,Mg2+,Na+,K+) - 1M ammonium chloride at pH 7.0, no pretreatment salts
15A1_CEC	Exchangeable bases (CEC) - 1M ammonium chloride at pH 7.0, no pretreatment for soluble salts
15A1_K for soluble	Exchangeable bases (Ca2+,Mg2+,Na+,K+) - 1M ammonium chloride at pH 7.0, no pretreatment salts
15A1_MG for soluble	Exchangeable bases (Ca2+,Mg2+,Na+,K+) - 1M ammonium chloride at pH 7.0, no pretreatment salts
15A1_NA for soluble	Exchangeable bases (Ca2+,Mg2+,Na+,K+) - 1M ammonium chloride at pH 7.0, no pretreatment salts
15J_BASES	Sum of Bases
15L1_a Sum of Cations	Exchangeable bases Base saturation percentage (BSP) - Auto calculated from available using and measured clay
15N1_a	Exchangeable sodium percentage (ESP) - Auto calculated from available using CEC
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