

**Project Name:** Wellington Blackwood land resources survey  
**Project Code:** WBW **Site ID:** 1200 **Observation ID:** 1  
**Agency Name:** Agriculture Western Australia

#### Site Information

<b>Desc. By:</b>	Unknown	<b>Locality:</b>	
<b>Date Desc.:</b>	23/11/93	<b>Elevation:</b>	No Data
<b>Map Ref.:</b>		<b>Rainfall:</b>	No Data
<b>Northing/Long.:</b>	6257295 AMG zone: 50	<b>Runoff:</b>	No Data
<b>Easting/Lat.:</b>	448751 Datum: AGD84	<b>Drainage:</b>	Poorly drained

#### Geology

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

#### Landform

<b>Rel/Slope Class:</b>	No Data	<b>Pattern Type:</b>	No Data
<b>Morph. Type:</b>	No Data	<b>Relief:</b>	No Data
<b>Elem. Type:</b>	Footslope	<b>Slope Category:</b>	No Data
<b>Slope:</b>	%	<b>Aspect:</b>	No Data

#### Surface Soil Condition

#### Erosion

#### Soil Classification

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

#### Site Disturbance

#### Vegetation

#### Surface Coarse Fragments

#### Profile Morphology

AH	0 - 0.15 m	Very dark grey (10YR3/1-Moist); ; Sand; Weak grade of structure, Granular; Sandy (grains prominent)
		fabric; Moist; Field pH 6.5 (Raupach); AbundantClear change to -
E	0.15 - 0.75 m	Light grey (10YR7/2-Moist); ; Sand; Weak grade of structure, Granular; Sandy (grains prominent) fabric;
		Moist; Field pH 6.3 (Raupach); AbundantClear change to -
Bg	0.75 - 1.2 m	Light greenish grey (5G7/1-Moist); ; Coarse sandy clay loam; Massive grade of structure, Granular;
		Sandy (grains prominent) fabric; Wet; Field pH 6.3 (Raupach); Abundant, fine (1-2mm) roots; Gradual
		change to -
Bgt	1.2 - 1.9 m	Reddish yellow (7.5YR6/8-Moist); , 5G71, 20-50% ; Sandy light clay; , Polyhedral; Smooth-ped fabric;
		Moist; Field pH 6.9 (Raupach); Abundant, fine (1-2mm) roots;

#### Morphological Notes

Bg WATER SEEPAGE AT E/BG BOUNDARY

#### 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				%
0.02 - 0.1	3.8B 5H	5B	1.8H	0.26	0.02	0.2	0.49J		2.28D	
0.2 - 0.5	4.3B 5.1H	1B	0.11H	0.06	<0.02	0.04	0.1J		0.22D	
0.5 - 0.75	4.9B 5.8H	2B	0.23H	0.27	<0.02	0.08	0.1J		0.59D	
0.8 - 0.9	5.1B 5.8H	2B	0.63H	1.49	0.02	0.2	0.04J		2.34D	
1 - 1.2	5.1B 5.9H	4B	0.64H	1.51	0.02	0.18	0.04J		2.35D	

Depth	CaCO3	Organic C Clay	Avail. P	Total P	Total N	Total K	Bulk Density	Particle Size Analysis
m	%	%	mg/kg	%	%	%	Mg/m3	GV CS FS Silt
0.02 - 0.1		1.93D		76B	0.12E			2.7
2.1								
0.2 - 0.5		0.13D		17B	0.011E			1.7
1.4								
0.5 - 0.75		0.13D		22B	0.009E			2.9
3.3								
0.8 - 0.9		0.16D		22B	0.016E			2
28.4								
1 - 1.2		0.13D		19B	0.014E			1.8
29.9								

**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
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_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
7A1	Total nitrogen - semimicro Kjeldahl, steam distillation
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)