

Site Name: **Monmouth Site A**

Auger ID: **1**

Easting: **340000**

Northing: **208000** (6 digits)

Slope: **1** (degrees)

Date: **19/06/2017**
(dd/mm/yyyy)

		Soil					Stone / Rock content %				Available water %			Available Water Capacity		Moisture Balance	
	Depth to horizon base (cm)	Texture	Colour 1	Colour 2	Mottling / gleying	Notes	Total	>2cm	>6cm	Lithology		soils	stones & rocks	AP wheat	AP potatoes	Wheat	Potatoes
Topsoil	18	SZL	5YR 3/3	-			0	0	0	-	TA _v	19	1	342.0	342.0		
Subsoil 1	54	MSL	5YR 3/3	-	Mang concs		3	3	0	Hard	TA _v	17	1	528.6	594.7		
											EA _v	13	0.5	50.5	n/a		
Subsoil 2	70	LMS	5YR 4/3	-	Mang concs		3	3	0	Hard	TA _v	12	1	n/a	186.7		
											EA _v	9	0.5	139.9	n/a		
Subsoil 3	120	MS	2.5YR 3/3	-			3	0	0	Hard	TA _v	7	1	n/a	0.0		
											EA _v	5	0.5	243.3	n/a		
Subsoil 4											TA _v						
											EA _v						
Subsoil 5											TA _v						
											EA _v						
[Enter more subsoil layers if required down to max depth of 120 cm]														130.4	112.3	36	28

*NB: When stone, rock or gravel is 70% or more, do not enter TA_v or EA_v soil figures as these are allowed for in the water capacity figures for rock/stone

Disturbed? **No**

Depth to SPL: **-**

Wetness Class: **1** See Figs 6, 7 & 8

Droughtiness ALC grade: **1**

FCD **210**

Wetness ALC grade: **1** See Table 6, pg 23

Overall ALC Grade: **1**

ite Name: **Monmouth Site A**

Auger ID: **2**

Easting: **340200**

Northing: **208000** (6 digits)

Slope: **0** (degrees)

Date: **19/06/2017**
(dd/mm/yyyy)

		Soil					Stone / Rock content %				Available water %			Available Water Capacity		Moisture Balance	
	Depth to horizon base (cm)	Texture	Colour 1	Colour 2	Mottling / gleying	Notes	Total	>2cm	>6cm	Lithology		soils	stones & rocks	AP wheat	AP potatoes	Wheat	Potatoes
Topsoil	33	SZL	5YR 3/3	-			0	0	0		TAv	19		627.0	627.0		
Subsoil 1	44	SCL	5YR 4/2	-			0	0	0		TAv	19		209.0	209.0		
											EAv	14		n/a	n/a		
Subsoil 2	86	LS	5YR 4/2	-	Mang concs	Mod stony	5	3	0	Hard	TAv	12	1	68.7	297.7		
											EAv	9	0.5	308.7	n/a		
Subsoil 3	120	S	5YR 3/3	-	Many mang concs	Mod gritty	5	0	0	Hard	TAv	7	1	n/a			
											EAv	5	0.5	162.4	n/a		
Subsoil 4											TAv						
											EAv						
Subsoil 5											TAv						
											EAv						
[Enter more subsoil layers if required down to max depth of 120 cm]														137.6	113.4	43	29

Disturbed? **No**

Depth to SPL: **-**

Wetness Class: **1** See Figs 6, 7 & 8

Droughtiness ALC grade: **1**

FCD **210**

Wetness ALC grade: **1** See Table 6, pg 23

Overall ALC Grade: **1**

ite Name: **Monmouth Site A**

Auger ID: **3**

Easting: **339800**

Northing: **207800** (6 digits)

Slope: **3** (degrees)

Date: **19/06/2017**
(dd/mm/yyyy)

		Soil					Stone / Rock content %				Available water %			Available Water Capacity		Moisture Balance	
	Depth to horizon base (cm)	Texture	Colour 1	Colour 2	Mottling / gleying	Notes	Total	>2cm	>6cm	Lithology		soils	stones & rocks	AP wheat	AP potatoes	Wheat	Potatoes
Topsoil	40	SZL	2.5YR3/3			stone @40cm augering difficult	1			hard	TAv	19	1	752.8	752.8		
Subsoil 1	55	SZL	2.5YR3/3				10			hard	TAv	19	1	172.0	258.0		
											EAv	13	0.5	58.8	n/a		
Subsoil 2	65	SZL	2.5YR3/3							TAv	17	1	n/a	170.0			
										EAv	11	0.5	110.0	n/a			
Subsoil 3	120	LMS	2.5YR3/3							TAv	9	1	n/a	45.0			
										EAv	6	0.5	330.0	n/a			
Subsoil 4										TAv							
										EAv							
Subsoil 5										TAv							
										EAv							
[Enter more subsoil layers if required down to max depth of 120 cm]														142.4	122.6	48	39

Disturbed? **No**

Depth to SPL:

Wetness Class: **I** See Figs 6, 7 & 8

Droughtiness ALC grade: **1**

FCD **210**

Wetness ALC grade: **1** See Table 6, pg 23

Overall ALC Grade: **1**

Soils to 120cm assumed (based on nearby augers/pits) in order to estimate wetness and droughtiness grade

ite Name: **Monmouth Site A**

Auger ID: **4**

Easting: **340000**

Northing: **207800** (6 digits)

Slope: **1** (degrees)

Date: **19/06/2017**
(dd/mm/yyyy)

		Soil					Stone / Rock content %				Available water %			Available Water Capacity		Moisture Balance	
	Depth to horizon base (cm)	Texture	Colour 1	Colour 2	Mottling / gleying	Notes	Total	>2cm	>6cm	Lithology		soils	stones & rocks	AP wheat	AP potatoes	Wheat	Potatoes
Topsoil	40	SZL	5YR 3/3	-							TAv	19		760.0	760.0		
Subsoil 1	44	SZL	5YR 3/3	-							TAv	19		76.0	76.0		
											EAv	13		n/a	n/a		
Subsoil 2	71	MCL	5YR 3/3	-	Few mang concs	Few stones	3	0	0	Hard	TAv	21	1	122.4	530.4		
											EAv	14	0.5	285.5	n/a		
Subsoil 3	93	SL	5YR 4/3	-		Few stone and gritty	3	0	0	Hard	TAv	17	1	n/a			
											EAv	13	0.5	277.8	n/a		
Subsoil 4											TAv						
											EAv						
Subsoil 5											TAv						
											EAv						
[Enter more subsoil layers if required down to max depth of 120 cm]														152.2	136.6	57	53

Disturbed? **No**

Depth to SPL: **-**

Wetness Class: **1** See Figs 6, 7 & 8

Droughtiness ALC grade: **1**

FCD **210**

Wetness ALC grade: **1** See Table 6, pg 23

Overall ALC Grade: **1**

ite Name: **Monmouth Site A**

Auger ID: **5** Easting: **340200** Northing: **207800** (6 digits) Slope: **2** (degrees) Date: **19/06/2017**
(dd/mm/yyyy)

		Soil					Stone / Rock content %				Available water %			Available Water Capacity		Moisture Balance	
	Depth to horizon base (cm)	Texture	Colour 1	Colour 2	Mottling / gleying	Notes	Total	>2cm	>6cm	Lithology		soils	stones & rocks	AP wheat	AP potatoes	Wheat	Potatoes
Topsoil	30	SZL	5YR 3/3				2			hard	TA _v	19	1	559.2	559.2		
Subsoil 1	40	SZL	5YR3/4				5			hard	TA _v	19	1	181.0	181.0		
											EA _v	13	0.5	n/a	n/a		
Subsoil 2	55	SZL	5YR 4/4			stone present @60cm	10			hard	TA _v	19	1	172.0	258.0		
											EA _v	13	0.5	58.8	n/a		
Subsoil 3	80	MSL	5YR4/4			stone difficult to auger	10			hard	TA _v	17	1	n/a	231.0		
											EA _v	13	0.5	293.8	n/a		
Subsoil 4	120	LMS	5YR4/4				10			hard	TA _v	12	1				
											EA _v	9	0.5				
Subsoil 5											TA _v						
											EA _v						
[Enter more subsoil layers if required down to max depth of 120 cm]														126.5	122.9	32	39

Disturbed? **No**

Depth to SPL:

Wetness Class: **I** See Figs 6, 7 & 8

Droughtiness ALC grade: **1**

FCD **210**

Wetness ALC grade: **1** See Table 6, pg 23

Overall ALC Grade: **1**

Soils to 120cm assumed (based on nearby augers/pits) in order to estimate wetness and droughtiness grade

ite Name: **Monmouth Site A**

Auger ID: **6**

Easting: **340400**

Northing: **207800** (6 digits)

Slope: **3** (degrees)

Date: **19/06/2017**
(dd/mm/yyyy)

		Soil					Stone / Rock content %				Available water %			Available Water Capacity		Moisture Balance	
	Depth to horizon base (cm)	Texture	Colour 1	Colour 2	Mottling / gleying	Notes	Total	>2cm	>6cm	Lithology		soils	stones & rocks	AP wheat	AP potatoes	Wheat	Potatoes
Topsoil	38	MCL/SZL	5YR 3/3				3			HR	TAv	18	1	664.6	664.6		
Subsoil 1	40	SZL	5YR 3/3		few faint mottles	slightly stony 40+	5			HR	TAv	19	1	36.2	36.2		
											EAv	13	0.5	n/a	n/a		
Subsoil 2	50	SCL	5YR 3/3			stony difficult to auger 50+	10			HR	TAv	19	1	172.0	172.0		
											EAv	14	0.5	n/a	n/a		
Subsoil 3	120	SCL	5YR 3/3				10			HR	TAv	19	1	n/a	344.0		
											EAv	14	0.5	885.5	n/a		
Subsoil 4											TAv						
											EAv						
Subsoil 5											TAv						
											EAv						
[Enter more subsoil layers if required down to max depth of 120 cm]														175.8	121.7	81	38

Disturbed? **No**

Depth to SPL:

Wetness Class: **I** See Figs 6, 7 & 8

Droughtiness ALC grade: **1**

FCD **210**

Wetness ALC grade: **2** See Table 6, pg 23

Overall ALC Grade: **2**

Soils to 120cm assumed (based on nearby augers/pits) in order to estimate wetness and droughtiness grade

ite Name: **Monmouth Site A**

Auger ID: **7**

Easting: **340600**

Northing: **207800** (6 digits)

Slope: **3** (degrees)

Date: **19/06/2017**
(dd/mm/yyyy)

		Soil					Stone / Rock content %				Available water %			Available Water Capacity		Moisture Balance	
	Depth to horizon base (cm)	Texture	Colour 1	Colour 2	Mottling / gleying	Notes	Total	>2cm	>6cm	Lithology		soils	stones & rocks	AP wheat	AP potatoes	Wheat	Potatoes
Topsoil	35	SZL	5YR 3/4			stony layer 35+ impenetrable	5	5		hard	TAv	19	1	633.5	633.5		
Subsoil 1	40	SZL	5YR 3/4				10			hard	TAv	19	1	86.0	86.0		
											EAv	13	0.5	n/a	n/a		
Subsoil 2	60	SZL	5YR 3/4				10			hard	TAv	17	1	154.0	308.0		
											EAv	11	0.5	99.5	n/a		
Subsoil 3	120	LMS	5YR 3/4				10			hard	TAv	12	1	n/a	109.0		
											EAv	9	0.5	489.0	n/a		
Subsoil 4											TAv						
											EAv						
Subsoil 5											TAv						
											EAv						
[Enter more subsoil layers if required down to max depth of 120 cm]														146.2	113.7	52	30

Disturbed? **No**

Depth to SPL:

Wetness Class: **I** See Figs 6, 7 & 8

Droughtiness ALC grade: **1**

FCD **210**

Wetness ALC grade: **1** See Table 6, pg 23

Overall ALC Grade: **1**

Soils to 120cm assumed (based on nearby augers/pits) in order to estimate wetness and droughtiness grade

ite Name: **Monmouth Site A**

Auger ID: **8** Easting: **340800** Northing: **207800** (6 digits) Slope: **0** (degrees) Date: **19/06/2017**
(dd/mm/yyyy)

		Soil					Stone / Rock content %				Available water %			Available Water Capacity		Moisture Balance	
	Depth to horizon base (cm)	Texture	Colour 1	Colour 2	Mottling / gleying	Notes	Total	>2cm	>6cm	Lithology		soils	stones & rocks	AP wheat	AP potatoes	Wheat	Potatoes
Topsoil	40	SZL	5YR 3/3	-	-		0			-	TA _v	19		760.0	760.0		
Subsoil 1	61	SZL	5YR 3/3	-	-		0			-	TA _v	19		190.0	399.0		
											EA _v	13		143.0	n/a		
Subsoil 2	70	SZL	5YR 4/4	-	-		0			-	TA _v	19		n/a	171.0		
											EA _v	13		117.0	n/a		
Subsoil 3	120	SL	5YR 4/4	-	Mang concs		0			-	TA _v	17		n/a	0.0		
											EA _v	13		650.0	n/a		
Subsoil 4											TA _v						
											EA _v						
Subsoil 5											TA _v						
											EA _v						
[Enter more subsoil layers if required down to max depth of 120 cm]														186.0	133.0	91	49

*NB: When stone, rock or gravel is 70% or more, do not enter TA_v or EA_v soil figures as these are allowed for in the water capacity figures for rock/stone

Disturbed? **No**

Depth to SPL: **-**

Wetness Class: **1** See Figs 6, 7 & 8

Droughtiness ALC grade: **1**

FCD **210**

Wetness ALC grade: **1** See Table 6, pg 23

Overall ALC Grade: **1**

ite Name: **Monmouth Site A**

Auger ID: **9**

Easting: **340000**

Northing: **207600** (6 digits)

Slope: **2** (degrees)

Date: **19/06/2017**
(dd/mm/yyyy)

		Soil					Stone / Rock content %				Available water %			Available Water Capacity		Moisture Balance	
	Depth to horizon base (cm)	Texture	Colour 1	Colour 2	Mottling / gleying	Notes	Total	>2cm	>6cm	Lithology		soils	stones & rocks	AP wheat	AP potatoes	Wheat	Potatoes
Topsoil	22	MSL	5YR 3/3	-			0	0	0		TAv	17		374.0	374.0		
Subsoil 1	42	SCL	5YR 3/3	-	Few mang concs		0	0	0		TAv	19		380.0	380.0		
											EAv	14		n/a	n/a		
Subsoil 2	70	MSL	5YR 4/3	-	Few mang concs	Few small stones	3	2	0	Hard	TAv	17	1	132.2	462.6		
											EAv	13	0.5	252.5	n/a		
Subsoil 3	120	LMS	5YR 4/3	-	Few mang concs	Few small stones	3	2	0	Hard	TAv	12	1	n/a	0.0		
											EAv	9	0.5	437.3	n/a		
Subsoil 4											TAv						
											EAv						
Subsoil 5											TAv						
											EAv						
[Enter more subsoil layers if required down to max depth of 120 cm]														157.6	121.7	63	38

Disturbed? **No**

Depth to SPL: **-**

Wetness Class: **1** See Figs 6, 7 & 8

Droughtiness ALC grade: **1**

FCD **210**

Wetness ALC grade: **1** See Table 6, pg 23

Overall ALC Grade: **1**

ite Name: **Monmouth Site A**

Auger ID: **10**

Easting: **340200**

Northing: **207600** (6 digits)

Slope: **3** (degrees)

Date: **19/06/2017**
(dd/mm/yyyy)

		Soil					Stone / Rock content %				Available water %			Available Water Capacity		Moisture Balance	
	Depth to horizon base (cm)	Texture	Colour 1	Colour 2	Mottling / gleying	Notes	Total	>2cm	>6cm	Lithology		soils	stones & rocks	AP wheat	AP potatoes	Wheat	Potatoes
Topsoil	40	SZL	5YR 3/4				3			hard	TAv	19	1	738.4	738.4		
Subsoil 1	65	SZL	5YR 3/3				5			hard	TAv	19	1	181.0	452.5		
											EAv	13	0.5	185.6	n/a		
Subsoil 2	70	SZL	5YR 4/3		manganese	stony difficult to auger 70+	10			hard	TAv	19	1	n/a	86.0		
											EAv	13	0.5	58.8	n/a		
Subsoil 3	120	LMS	5YR4/3				10			hard	TAv	12	1	n/a	0.0		
											EAv	9	0.5	407.5	n/a		
Subsoil 4											TAv						
											EAv						
Subsoil 5											TAv						
											EAv						
[Enter more subsoil layers if required down to max depth of 120 cm]														157.1	127.7	62	44

Disturbed? **No**

Depth to SPL:

Wetness Class: **1** See Figs 6, 7 & 8

Droughtiness ALC grade: **1**

FCD **210**

Wetness ALC grade: **1** See Table 6, pg 23

Overall ALC Grade: **1**

ite Name: **Monmouth Site A**

Auger ID: **11**

Easting: **340400**

Northing: **207600** (6 digits)

Slope: **3** (degrees)

Date: **19/06/2017**
(dd/mm/yyyy)

		Soil					Stone / Rock content %				Available water %			Available Water Capacity		Moisture Balance	
	Depth to horizon base (cm)	Texture	Colour 1	Colour 2	Mottling / gleying	Notes	Total	>2cm	>6cm	Lithology		soils	stones & rocks	AP wheat	AP potatoes	Wheat	Potatoes
Topsoil	20	SCL	5YR 3/3				0	0	0		TAv	17		340.0	340.0		
Subsoil 1	39	MCL	5YR 4/3		Few mang concs. Slightly gritty	3	0	0	Hard	TAv	21		387.0	387.0			
										EAv	14		n/a	n/a			
Subsoil 2	120	SCL	5YR 4/3	10YR 5/6	Few mang concs. Moderately gritty	5	0	0	Hard	TAv	15		156.8	441.8			
										EAv	10		665.0	n/a			
Subsoil 3										TAv							
										EAv				n/a			
Subsoil 4										TAv							
										EAv							
Subsoil 5										TAv							
										EAv							
[Enter more subsoil layers if required down to max depth of 120 cm]														154.9	116.9	60	33

Disturbed? **No**

Depth to SPL: **-**

Wetness Class: **1** See Figs 6, 7 & 8

Droughtiness ALC grade: **1**

FCD **210**

Wetness ALC grade: **2** See Table 6, pg 23

Overall ALC Grade: **2**

ite Name: **Monmouth Site A**

Auger ID: **12**

Easting: **340600**

Northing: **207600** (6 digits)

Slope: **0** (degrees)

Date: **19/06/2017**
(dd/mm/yyyy)

		Soil					Stone / Rock content %				Available water %			Available Water Capacity		Moisture Balance	
	Depth to horizon base (cm)	Texture	Colour 1	Colour 2	Mottling / gleying	Notes	Total	>2cm	>6cm	Lithology		soils	stones & rocks	AP wheat	AP potatoes	Wheat	Potatoes
Topsoil	25	MCL	5YR 3/3	-			0	0	0		TAv	18		450.0	450.0		
Subsoil 1	75	MCL	5YR 4/2	-	Few mang concs		0	0	0		TAv	21		525.0	945.0		
											EAv	14		350.0	n/a		
Subsoil 2	83	SCL	5YR 3/4	-			0	0	0		TAv	15		n/a			
											EAv	10		80.0	n/a		
Subsoil 3					Impenetrable >83cm due to stone						TAv			n/a			
											EAv			0.0	n/a		
Subsoil 4											TAv						
											EAv						
Subsoil 5											TAv						
											EAv						
[Enter more subsoil layers if required down to max depth of 120 cm]														140.5	139.5	46	55

Disturbed? **No**

Depth to SPL: **-**

Wetness Class: **1** See Figs 6, 7 & 8

Droughtiness ALC grade: **1**

FCD **210**

Wetness ALC grade: **2** See Table 6, pg 23

Overall ALC Grade: **2**

ite Name: **Monmouth Site A**

Auger ID: **13**

Easting: **340800**

Northing: **207600** (6 digits)

Slope: **2** (degrees)

Date: **19/06/2017**
(dd/mm/yyyy)

		Soil					Stone / Rock content %				Available water %			Available Water Capacity		Moisture Balance	
	Depth to horizon base (cm)	Texture	Colour 1	Colour 2	Mottling / gleying	Notes	Total	>2cm	>6cm	Lithology		soils	stones & rocks	AP wheat	AP potatoes	Wheat	Potatoes
Topsoil	30	SZL	5YR 3/3				2			hard	TA _v	19		558.6	558.6		
Subsoil 1	45	SZL	5YR 3/3		very few mangane		2			hard	TA _v	19		279.3	279.3		
											EAv	13		n/a	n/a		
Subsoil 2	60	SCL	5YR 3/3			stony 60+ small stones	5			hard	TA _v	19		90.3	270.8		
											EAv	14		133.0	n/a		
Subsoil 3	90	MCL	5YR 3/3				5			hard	TA _v	21		n/a	199.5		
											EAv	14		399.0	n/a		
Subsoil 4											TA _v						
											EAv						
Subsoil 5											TA _v						
											EAv						
[Enter more subsoil layers if required down to max depth of 120 cm]														146.0	130.8	51	47

Disturbed? **No**

Depth to SPL:

Wetness Class: **I** See Figs 6, 7 & 8

Droughtiness ALC grade: **1**

FCD **210**

Wetness ALC grade: **1** See Table 7, pg 24

Overall ALC Grade: **1**

ite Name: **Monmouth Site A**

Auger ID: **14** Easting: **340000** Northing: **207400** (6 digits) Slope: **0** (degrees) Date: **19/06/2017**
(dd/mm/yyyy)

		Soil					Stone / Rock content %				Available water %			Available Water Capacity		Moisture Balance	
	Depth to horizon base (cm)	Texture	Colour 1	Colour 2	Mottling / gleying	Notes	Total	>2cm	>6cm	Lithology		soils	stones & rocks	AP wheat	AP potatoes	Wheat	Potatoes
Topsoil	37	MCL	5YR 4/3	-	Many Och + few mang concs		0	0	0		TA _v	18		666.0	666.0		
Subsoil 1	67	C	5YR 5/1	-	Many Och + few mang concs		0	0	0		TA _v	16		208.0	480.0		
											EA _v	8		136.0	n/a		
Subsoil 2	120	C	7.5YR 5/2	-	Many Och + few mang concs	Pockets of sand	0	0	0		TA _v	16		n/a	48.0		
											EA _v	8		424.0	n/a		
Subsoil 3											TA _v						
											EA _v				n/a		
Subsoil 4											TA _v						
											EA _v						
Subsoil 5											TA _v						
											EA _v						
[Enter more subsoil layers if required down to max depth of 120 cm]														143.4	119.4	49	35

Disturbed? **No**

Depth to SPL: **37**

Wetness Class: **4** See Figs 6, 7 & 8

Droughtiness ALC grade: **1**

FCD **210**

Wetness ALC grade: **3b** See Table 7, pg 24

Overall ALC Grade: **3b**

ite Name: **Monmouth Site A**

Auger ID: **15**

Easting: **340200**

Northing: **207400** (6 digits)

Slope: **2** (degrees)

Date: **19/06/2017**
(dd/mm/yyyy)

		Soil					Stone / Rock content %				Available water %			Available Water Capacity		Moisture Balance	
	Depth to horizon base (cm)	Texture	Colour 1	Colour 2	Mottling / gleying	Notes	Total	>2cm	>6cm	Lithology		soils	stones & rocks	AP wheat	AP potatoes	Wheat	Potatoes
Topsoil	30	SZL	5YR 3/3			stone difficult to auger 30+ ;several attempts;	3			hard	TAv	19	1	553.8	553.8		
Subsoil 1	55	SZL	5YR 3/3				20			hard	TAv	19	1	308.0	385.0		
											EAv	13	0.5	52.5	n/a		
Subsoil 2	65	SZL	5YR 3/3				20			hard	TAv	19	1	n/a	154.0		
											EAv	13	0.5	105.0	n/a		
Subsoil 3	120	LMS	5YR 3/3				20			hard	TAv	12	1	n/a	49.0		
											EAv	9	0.5	401.5	n/a		
Subsoil 4											TAv						
											EAv						
Subsoil 5											TAv						
											EAv						
[Enter more subsoil layers if required down to max depth of 120 cm]														142.1	114.2	47	30

Disturbed? **No**

Depth to SPL:

Wetness Class: **I** See Figs 6, 7 & 8

Droughtiness ALC grade: **1**

FCD **210**

Wetness ALC grade: **1** See Table 7, pg 24

Overall ALC Grade: **1**

Soils to 120cm assumed (based on nearby augers/pits) in order to estimate wetness and droughtiness grade

ite Name: **Monmouth Site A**

Auger ID: **16** Easting: **339800** Northing: **207200** (6 digits) Slope: **2** (degrees) Date: **19/06/2017**
(dd/mm/yyyy)

		Soil					Stone / Rock content %				Available water %			Available Water Capacity		Moisture Balance	
	Depth to horizon base (cm)	Texture	Colour 1	Colour 2	Mottling / gleying	Notes	Total	>2cm	>6cm	Lithology		soils	stones & rocks	AP wheat	AP potatoes	Wheat	Potatoes
Topsoil	30	SZL	5YR 3/3			stone present @30cm	2			hard	TA _v	19	1	559.2	559.2		
Subsoil 1	50	SZL/MSL	5YR 3/3				5			hard	TA _v	19	1	362.0	362.0		
											EA _v	13	0.5	n/a	n/a		
Subsoil 2	90	SZL	5YR 3/3				5			hard	TA _v	19	1	n/a	362.0		
											EA _v	13	0.5	495.0	n/a		
Subsoil 3	95	FSL	5YR 3/4			stone 90+ difficult to auger	10			hard	TA _v	22	1	n/a			
											EA _v	17	0.5	76.8	n/a		
Subsoil 4											TA _v						
											EA _v						
Subsoil 5											TA _v						
											EA _v						
[Enter more subsoil layers if required down to max depth of 120 cm]														149.3	128.3	55	44

Disturbed? **No**

Depth to SPL:

Wetness Class: **I** See Figs 6, 7 & 8

Droughtiness ALC grade: **1**

FCD **210**

Wetness ALC grade: **1** See Table 7, pg 24

Overall ALC Grade: **1**