

SITE NAME Congressbury	PROFILE NUMBER Woodspring-4	SLOPE AND ASPECT Flat	LAND USE Grassland	Av Rainfall :- 852	PARENT MATERIAL Keuper Marl
	DATE 10/4/90	GRID REFERENCE ST446642		ATO :- 1545	

Horizon Number	Lowest Av Depth	Matrix and Ped Face Colours	Texture	Stoniness: Size, Shape, Type, and Field Method	Mottling Abundance, Contrast Size and Colour	Structure: Development Size and Shape	Pores and Fissures	Structural Condition	Consistence	Roots Abundance Size and Nature	Calcium Carbonate Content	Mangan Concs etc	Horizon Boundary: Distinctness and Form
1	15 cm	5YR4/3	MCL	-	-	Wk Fn Sab	> .5	Good	Fr	Many	-	-	Sm C1
2	52 cm	5YR4/4	MCL	-	-	Mod Crs Abk	> .5	Moderate	Fr	Common	-	-	Sm C1
3	65 cm	5YR4/4	C	-	-	Mod Crs & Med Sab	> .5	Moderate	Fr	Common	-	-	Sm C1
4	100 cm	5YR4/4	C	-	cdgm - 10YR6/1 weathering	Mod Crs abk	> .5	Moderate	Fr	Common	-	-	-

Depth to Slowly Permeable Horizon :- -	Available Water Wheat :- N/A Potatoes :-	Final ALC Grade :- 2
Wetness Class :- I	Moisture Deficit Wheat :- 97 Potatoes :- 87	Main Limiting Factor(s) :- Workability
Wetness Grade :- 2	Moisture Balance Wheat :- N/A Potatoes :-	Remarks :-
RPG0023/WJC	Droughtiness Grade :- 1	

SITE NAME Cleeve	PROFILE NUMBER Woodspring - 5	SLOPE AND ASPECT 1°	LAND USE Grassland	Av Rainfall :- 853	PARENT MATERIAL Keuper Marl
	DATE 11/4/90	GRID REFERENCE ST455654		ATO :- 1521	
				Climatic grade:- 1	

Horizon Number	Lowest Av Depth	Matrix and Ped Face Colours	Texture	Stoniness: Size, Shape, Type, and Field Method	Mottling Abundance, Contrast Size and Colour	Structure: Development Size and Shape	Pores and Fissures	Structural Condition	Consistence	Roots Abundance Size and Nature	Calcium Carbonate Content	Mangan Concs etc	Horizon Boundary: Distinctness and Form
1	15 cm	5YR4/3	MCL	-	-	Wk Fn Y Med Sab	> .5	Good	Fr	Many	-	-	C1 Sm
2	45 cm	5YR4/4	MCL	-	-	Mod Med Sab	> .5	Good	Fr	Common	-	-	C1 Sm
3	70 cm	5YR4/4	HCL	V few sst	-	Mod Med Sab	> .5	Good	Fr	Common	-	-	C1 Sm
4	70+ cm	5YR4/4	HCL	Few > 6 cm 35% 6-2 cm Few < 2 cm estimated	-	-	> .5	-	Fr	Few	-	-	-

Depth to Slowly Permeable Horizon :- -

Wetness Class :- 1

Wetness Grade :- 2

RPG0023/WJC

Available Water Wheat :- N/A  
Potatoes :-

Moisture Deficit Wheat :- 95  
Potatoes :- 85

Moisture Balance Wheat :- N/A  
Potatoes :-

Droughtiness Grade :- 1

Final ALC Grade :- 2

Main Limiting Factor(s) :- Workability

Remarks :-

SITE NAME Wrington	PROFILE NUMBER Woodspring-6	SLOPE AND ASPECT 2°	LAND USE	Av Rainfall :- 875	PARENT MATERIAL Alluvium
	DATE 18/4/90	GRID REFERENCE ST468622		ATO :- 1540 FC Days :- 195 Climatic grade:- 1	

Horizon Number	Lowest Av Depth	Matrix and Ped Face Colours	Texture	Stoniness: Size, Shape, Type, and Field Method	Mottling Abundance, Contrast Size and Colour	Structure: Development Size and Shape	Pores and Fissures	Structural Condition	Consistence	Roots Abundance Size and Nature	Calcium Carbonate Content	Mangan Concs etc	Horizon Boundary: Distinctness and Form
1	22 cm	5YR4/3	MCL	-	-	Wk Fn Y Med Sab/gran	> .5	Good	Fr	Many	-	-	C1 Sm
2	34 cm	5YR4/4	HCL	-	-	Mod Med Sab	> .5	Good	Fr	Common	-	-	C1 Sm
3	65 cm	5YR4/4	C	-	-	Mod Med Sab	> .5	Good	Fr	Common	-	-	C1 Sm
4	80 cm	5YR 4.4 pale ped faces	C	-	-	Wk Med Abk	< .5	Moderate	Fr	Few	-	OMn	-

Depth to Slowly Permeable Horizon :- 65 cm

Wetness Class :- III

Wetness Grade :- 3a

RPG0023/WJC

Available Water Wheat :- N/A  
Potatoes :-

Moisture Deficit Wheat :- 93  
Potatoes :- 83

Moisture Balance Wheat :- N/A  
Potatoes :-

Droughtiness Grade :-

Final ALC Grade :- 3a

Main Limiting Factor(s) :- Wetness

Remarks :-

SITE NAME Flax Bourton	PROFILE NUMBER Woodspring-2	SLOPE AND ASPECT Flat	LAND USE Cereals	Av Rainfall :- 870	PARENT MATERIAL Head
	DATE 5/4/90	GRID REFERENCE ST510697		ATO :- 1518 FC Days :- 194 Climatic grade:- 1	

Horizon Number	Lowest Av Depth	Matrix and Ped Face Colours	Texture	Stoniness: Size, Shape, Type, and Field Method	Mottling Abundance, Contrast Size and Colour	Structure: Development Size and Shape	Pores and Fissures	Structural Condition	Consistence	Roots Abundance Size and Nature	Calcium Carbonate Content	Mangan Concs etc	Horizon Boundary: Distinctness and Form
1	27 cm	10YR4/3	MCL	-	-	Wk Med Gran/Sab	> .5	Good	Fr	Many	-	-	C1 Sm
2	57 cm	7.5YR4/4	C	-	-	Mod Crs Abk	< .5	Moderate	Firm	Common	-	F Mn	C1 Sm
3	85 cm	10YR5/3 grey ped faces	C	-	odm	Str Crs Abk	< .5	Poor	V Firm	Few	-	C Mn	

Depth to Slowly Permeable Horizon :- 57 cm

Wetness Class :- III

Wetness Grade :- 3a

RPG0023/WJC

Available Water Wheat :-  
N/A

Potatoes :-

Moisture Deficit Wheat :- 93

Potatoes :- 83

Moisture Balance Wheat :-  
N/A

Potatoes :-

Droughtiness Grade :- 1

Final ALC Grade :- 3a

Main Limiting Factor(s) :- Wetness

Remarks :-

SITE NAME  Long Ashton	PROFILE NUMBER Woodspring-1	SLOPE AND ASPECT Flat	LAND USE  Grassland	Av Rainfall :- 865	PARENT MATERIAL
	DATE 5/4/90	GRID REFERENCE ST541701		ATO :- 1523	
				FC Days :- 193	
				Climatic grade:- 1	

Horizon Number	Lowest Av Depth	Matrix and Ped Face Colours	Texture	Stoniness: Size, Shape, Type, and Field Method	Mottling Abundance, Contrast Size and Colour	Structure: Development Size and Shape	Pores and Fissures	Structural Condition	Consistence	Roots Abundance Size and Nature	Calcium Carbonate Content	Mangan Concs etc	Horizon Boundary: Distinctness and Form
1	19 cm	5YR3/2	MCL	-	-	N/A	> 0.5	-	Fr	Many	-	-	C1 Sm
2	35 cm	7.5YR4/6	HCL	V Few St	-	Mod Med/Crs Sab	> 0.5	Moderate	Fr	Com	-	-	C1 Sm
3	85 cm	10YR5/4	C	-	cdom	Mod Crs Prism	< 0.5	Moderate	Fr	Few	-	-	-

Depth to Slowly Permeable Horizon :- 35 cm

Wetness Class :- III

Wetness Grade :- 3a

RPG0023/WJC

Available Water Wheat :-  
N/A

Potatoes :-

Moisture Deficit Wheat :- 93

Potatoes :- 83

Moisture Balance Wheat :-  
N/A

Potatoes :-

Droughtiness Grade :- 1

Final ALC Grade :- 3a

Main Limiting Factor(s) :- Wetness

Remarks :-

SITE NAME	PROFILE NUMBER	SLOPE AND ASPECT	LAND USE	Av Rainfall :- 879	PARENT MATERIAL
Portbury	Woodspring-3	Flat	Grassland	ATO :- 1514	Head
	DATE	GRID REFERENCE		FC Days :- 195	
	5/4/90			Climatic grade:- 1	

Horizon Number	Lowest Av Depth	Matrix and Ped Face Colours	Texture	Stoniness: Size, Shape, Type, and Field Method	Mottling Abundance, Contrast Size and Colour	Structure: Development Size and Shape	Pores and Fissures	Structural Condition	Consistence	Roots Abundance Size and Nature	Calcium Carbonate Content	Mangan Concs etc	Horizon Boundary: Distinctness and Form
1	16 cm	5YR3/3	SCL	V Few sst	-	Mod fine gran	> .5	Good	V Fr	Many	-	-	C1 Sm
2	16-100 cm	5YR3/4	SL	V Few sst	-	Wk med sab	> .5	Good	V Fr	Common	-	-	-

Depth to Slowly Permeable Horizon :- -	Available Water Wheat :- N/A Potatoes :-	Final ALC Grade :- 2
Wetness Class :- I	Moisture Deficit Wheat :- 93 Potatoes :- 84	Main Limiting Factor(s) :- Workability
Wetness Grade :- 2	Moisture Balance Wheat :- N/A Potatoes :-	Remarks :-
RPG0023/WJC	Droughtiness Grade :- 1	