

SITE NAME	PROFILE NUMBER	SLOPE AND ASPECT	LAND USE	Av Rainfall :- 780 ATO :- 1483 FC Days :- 173 Climatic grade:- 1	PARENT MARIAL
Westbury Cement Works Wiltshire 8FCS 3283	1	0°	Grass		Kimmeridge Clay

Horizon Number	Lowest Av Dept	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	10YR42	C	-	cdom Rusty roots	Moderately CSAB	<0.5% possibly compacted	Moderate	Firm	Good common penetration	-	-	Sharp
2	51	2.5Y64 face = 2.5Y62	C	-	vmppgm	Moderately Medium Prismatic	<0.5%	Poor	Firm	Few, fine	-	-	Gradual colour change
3	80	5Y62 face = 5Y61	C	-	vmppm	Moderately VCAB	<0.5% (v low)	Poor	Firm	Very few	-	-	Gradual
4	80-120+	As for Horizon 3 with 5-10% calc vsst											

Depth to Slowly Permeable Horizon :- 35 cm	Available Water Wheat :- Not limiting Potatoes :-	Final ALC Grade :- 3B
Wetness Class :- 4	Moisture Deficit Wheat :- Potatoes :-	Main Limiting Factor(s) :- Wetness
Wetness Grade :- 3B	Moisture Deficit Wheat :- Potatoes :-	Remarks :- Pit dug to 80 cm, augered to 120 cm
Droughtiness Grade :-		PSD analysis confirmed topsoil texture

SITE NAME	PROFILE NUMBER	SLOPE AND ASPECT	LAND USE	Av Rainfall :- ATO :- FC Days :- Climatic grade:-	PARENT MARIAL
Westbury Cement Works	2	0°	Winter Cereals	See Pit 1	Head Deposits

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	20	10YR4/1 clear ped skins	C	-	Not mottled	Moderate VCSAB	<0.5% compacted	Moderate	Firm	Common	-	-	V Clear
2	56	5Y5/2 clear ped skins	C	-	cdm	Moderate CAB	<0.5%	Moderate	Firm	Few, fine	-	-	Clear colour change
3	90+	5Y5/1 clear ped skins	C	-	vmpom	Moderate CAB	<0.5%	Moderate	Firm	V few, fine	-	Few	
Pit dug to 90 cm, augering to 120 cm revealed continuation of horizon 3													

Depth to Slowly Permeable Horizon :- 35 cm	Available Water	Wheat :- Not limiting	Final ALC Grade :- 3B
		Potatoes :-	
Wetness Class :- IV	Moisture Deficit	Wheat :-	Main Limiting Factor(s) :- Wetness
		Potatoes :-	
Wetness Grade :- 3B	Moisture Deficit	Wheat :-	
		Potatoes :-	
RPG0023/WJC	Droughtiness Grade :-		Remarks :- PSD analysis confirmed topsoil texture