

SITE NAME		PROFILE NO	SLOPE AND ASPECT	LAND USE	Av Rainfall	823 mm	PARENT MATERIAL	
North End, Yatton		Pit 1 (ASP 16)	0°	Permanent Grass	ATO	1546day °C	Head deposits	
JOB NO		DATE	GRID REFERENCE	DESCRIBED BY	FC Days	185	SOIL SAMPLE REFERENCES	
34/95		2/6/95	ST421 666	HLJ/GMS	Climatic Grade	1	None	
					Exposure Grade	1		

Horizon No	Lowest Av Depth (cm)	Texture	Matrix (Ped Face) Colours	Stoniness Size Type and Field Method	Mottling Abundance Contrast, Size and Colour	Mangan Concs	Structure Ped Development Size and Shape	Consistence	Structural Condition	Pores (Fissures)	Roots Abundance and Size	Calcium Carbonate Content	Horizon Boundary Distinctness and form
1	25	MSL	10YR43	<1%HR(S)	None	None				Good	CF+VF		Clear Wavy
2	70	MSL	10YR44	<1%HR(S)	None	None	MCSAB	Friable	M	Good	CVF		Clear Irregular
3	90+	SC	05YR46 (05YR43)	1%HR Total (Vis)	None	Common	MCSAB	Friable	M	Poor	FUF		

Profile Gleyed From 65 cm

Depth to Slowly Permeable Horizon No Spl

Wetness Class 1

Wetness Grade 1

Available Water Wheat 151 mm

Potatoes 109 mm

Moisture Deficit Wheat 100 mm

Potatoes 91 mm

Moisture Balance Wheat 51 mm

Potatoes 18 mm

Droughtiness Grade 1 (Calculated to 120 cm)

Final ALC Grade 1

Main Limiting Factor(s)

Remarks

H3 is not an spl because of its structure

SITE NAME		PROFILE NO		SLOPE AND ASPECT		LAND USE		Av Rainfall		PARENT MATERIAL			
North End, Yatton		Pit 2 (ASP 24)		0°		Permanent Grass		823 mm		Head Deposits			
JOB NO		DATE		GRID REFERENCE		DESCRIBED BY		ATO		SOIL SAMPLE REFERENCES			
34/95		6/6/95		ST 425 665		HLJ/GMS		1546 day °C		None			
								FC Days					
								185					
								Climatic Grade					
								1					
								Exposure Grade					
								1					
Horizon No	Lowest Av Depth (cm)	Texture	Matrix (Ped Face) Colours	Stoniness Size Type and Field Method	Mottling Abundance Contrast, Size and Colour	Mangan Concs	Structure Ped Development Size and Shape	Consistence	Structural Condition	Pores (Fissures)	Roots Abundance and Size	Calcium Carbonate Content	Horizon Boundary Distinctness and form
1	20	MCL	10YR42	1%HR Total (Vis)	FRRC (75YR58)	None				Good	CF+VF		Abrupt Smooth
2	53	SCL	10YR43	1%HR Total (Vis)	None	None	MDCSAB	Friable	Moderate	Good	CF+VF		Clear Smooth
3	100+	C	7 5YR54 (7 5YR53)	None	CDFO 10YR46	Common	MDCAB	Friable	Moderate	Low	FVF		

Profile Gleyed From 53 cm  
Depth to Slowly Permeable Horizon 53 cm  
Wetness Class III  
Wetness Grade 3a

Available Water Wheat 137 mm  
Potatoes 112 mm  
Moisture Deficit Wheat 100 mm  
Potatoes 91 mm  
Moisture Balance Wheat 37 mm  
Potatoes 21 mm  
Droughtiness Grade 1 (Calculated to 120 cm)

Final ALC Grade 3a  
Main Limiting Factor(s) Wetness

**Remarks**

Pit dug to 70 cm, augered to 100 cm Horizon 3 becomes redder with more manganese but same structure