

SITE NAME		PROFILE NO	SLOPE AND ASPECT	LAND USE	Av Rainfall	861 mm	PARENT MATERIAL	
Home Orchard Hatch Beruchamp		Pit 1	2° South	Permanent Grass	ATO	1519 day °C	Valley Gravel and Rainwash	
JOB NO		DATE	GRID REFERENCE	DESCRIBED BY	FC Days	180	SOIL SAMPLE REFERENCES	
15/95		18/3/95	ST 3035 2023	HLJ	Climatic Grade	1	RPT/HLJ/132	
					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 Concns	Structure Ped Development Size and Shape	Consistence	Structural Condition	Pores (Fissures)	Roots Abundance and Size	Calcium Carbonate Content	Horizon Boundaries Distinctness and form
1	24	C	10YR5/2	1% HR Total (Vis)	None	None				Good	MF+VF	None	Clear Smooth
2	42	C	2.5Y6/4	1% HR Total (Vis)	CDMO 10YR6/8	None	WACSAB	Very firm	Poor	Poor	FF+VF	None	Gradual Smooth
	70+	C	2.5Y6/3	1% HR Total (Vis)	MDMO 10YR6/8	None	WACSAB	Very firm	Poor	Poor	FVF	None	

Profile Gleaned From 42 cm  
 Depth to Slowly Permeable Horizon 42 cm  
 Wetness Class IV  
 Wetness Grade 4

Available Water Wheat 119 mm  
 Potatoes 97 mm  
 Moisture Deficit Wheat 100 mm  
 Potatoes 92 mm  
 Moisture Balance Wheat 19 mm  
 Potatoes 5 mm  
 Droughtiness Grade 2 (Calculated to 120 cm)

Final ALC Grade 4  
 Main Limiting Factor(s) Wetness

Remarks  
 Stones in H2 occur in patches H2 and H3 have a few complete ped faces The mottling in H3 decreases with depth