SITE NAME	PROFILE NO.	SLOPE AND ASPECT	LAND USE		PARENT MATERIAL
Drybrook ~~Mannings~~ Farm Drybrook	Pit 1 (ASP 4)	5° North West	Permanent Grass	Av Rainfall: 847 mm ATO: 1306 day °C	Pleistocene Head
JOB NO.	DATE	GRID REFERENCE	DESCRIBED BY		PSD SAMPLES TAKEN
18.98	18.2.98	SO 64701740	HLJ/PB	FC Days: 187 Climatic Grade: 2 Exposure Grade: 1	TS 0-25 cm MCL (542, 734, C2396)

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	26	MCL	10YR32	0% (vis)	FRRC	None	-	-	-	-	MF,VF	-	Abrupt Smooth
2	38	HCL	2.5YR63	0% (vis)	CDFO 10YR56	None	MDCSAB	Friable	Moderate	Good	CVF	-	Clear Smooth
3	45	C	5Y71 2.5Y62	2% HR (vis)	VMDMO 10YR58	Few	MDCPR	Firm	Poor	Good (low)	CVF	-	Gradual Smooth
4	85+	C	5Y71 2.5YR62	2% HR (vis)	VMDMO 10YR58	Common	MDVCPR	Firm	Poor	Poor	CVF	-	-

Profile Gleyed From: 26 cm

Slowly Permeable Horizon From: 45 cm

Wetness Class: IV

Wetness Grade: 3b

Available Water Wheat: 129 mm

Potatoes: 107 mm

Moisture Deficit Wheat: 77 mm

Potatoes: 60 mm

Moisture Balance Wheat: +52 mm

Potatoes: + 47 mm

Droughtiness Grade: 1 (Calculated to 120 cm)

Final ALC Grade: 3b

Main Limiting Factor(s): Wetness

Remarks: H3 porosity due to worm channels which became sparce around 45 cm.