

SITE NAME Kings Hill, Bude	PROFILE NO. Pit 1 (Asp 1)	SLOPE AND ASPECT 4° W	LAND USE CER (oats)	Av Rainfall: 843 mm ATO: 1576 day °C	PARENT MATERIAL Bude sandstone
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JOB NO. 4.96	DATE 15.2.96	GRID REFERENCE ss2162	DESCRIBED BY PB	FC Days: 175 Climatic Grade: 1 Exposure Grade: -	SOIL SAMPLE REFERENCES PB 346
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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	10YR53	0	CDFO 75YR58	0	-	-	-	G	MF, VF	-	Ab wavy
2	30	ZC	5Y71	0	MDFO 10YR58	0	MCP _r	F _m	P	G	CVF	-	Grad smooth
3	50+	ZC	5Y71	0	MDMO 10YR58	0	WCP _r	F _m	P	P	FVF	-	

Profile Gleyed From: O

Depth to Slowly Permeable Horizon: 30cm

Wetness Class: IV

Wetness Grade: 3b

Available Water Wheat: 123 mm

Potatoes: 98 mm

Moisture Deficit Wheat: 103 mm

Potatoes: 95 mm

Moisture Balance Wheat: +20 mm

Potatoes: +3 mm

Droughtiness Grade: 2 (Calculated to 120 cm)

Final ALC Grade: 3b

Main Limiting Factor(s): We

Remarks: Borderline Grade 4 (175 FCD)