

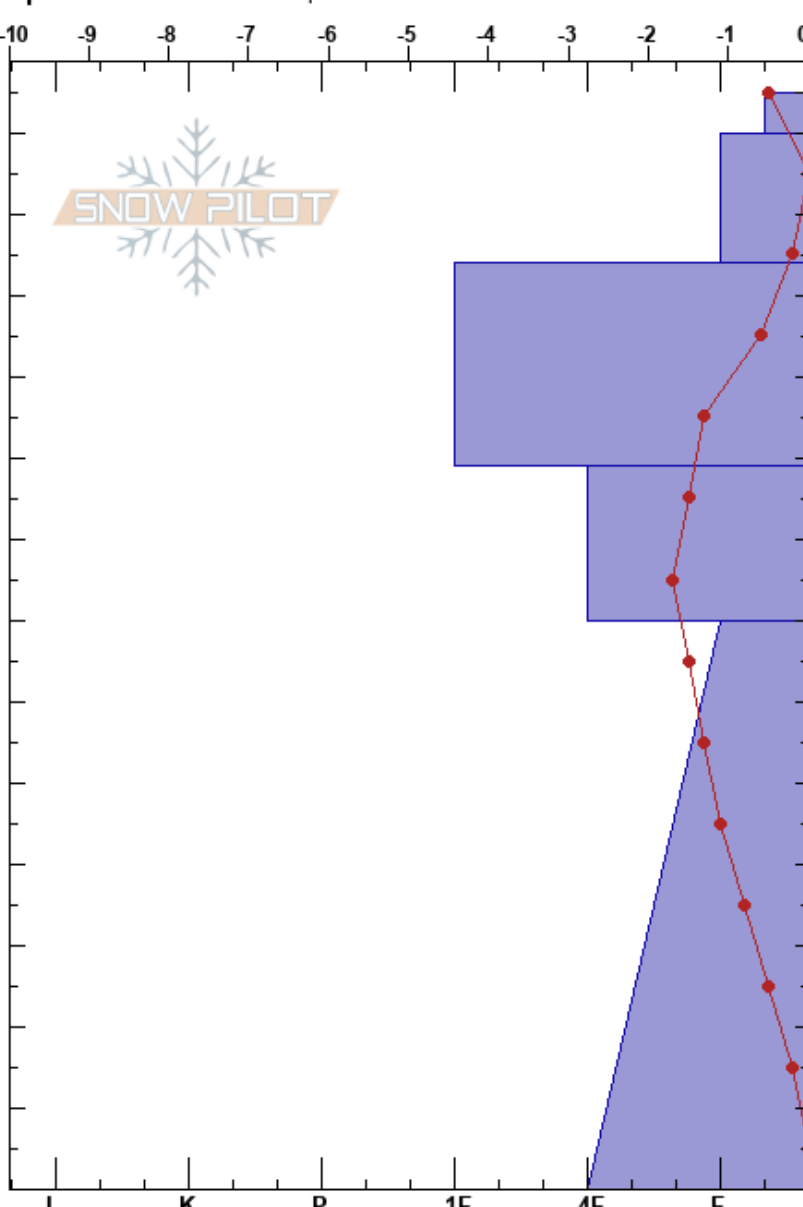
lab 4  
 Bridger Range  
 MT  
 Elevation: 2340 m  
 Aspect: 45°  
 Specifics: Ski tracks on slope

Weston Boardman  
 02/10/2017 - 2:00pm  
 Co-ord: 45.82657N, -110.92345W  
 Slope Angle: 30°  
 Wind Loading:

Stability:  
 Air Temperature: -0.5°C  
 Sky Cover: OVC  
 Precipitation: NO  
 Wind:

HS:135  
 PF:88  
 135-130cm: SWE: 7 mm  
 130-114cm: SWE: 19.2 mm  
 114-89cm: SWE: 55 mm  
 89-70cm: SWE: 39.9 mm  
 70-0cm: SWE: 164.5 mm

**Layer Notes:**



Form	Crystal		Moisture	$\rho$ kg/m <sup>3</sup>	Stability tests & Layer comments
	Size				
∞	1		D	140	135-130cm: SWE: 7 mm
/	1		M	120	130-114cm: SWE: 19.2 mm
				220	
•	0.5-1		D		114-89cm: SWE: 55 mm ← SB50, Q2 @98cm ← SB30, Q2 @95cm ← ECTN17 @94cm Q2
⊖	1-2		D	210	89-70cm: SWE: 39.9 mm
				230	
					← PST20/100 (End) @55cm Q1 ← PST60/100 (End) @54cm Q2 ← PST33/100 (End) @45cm Q2
□	1-3		D		70-0cm: SWE: 164.5 mm
				240	
					← ECTX

**Notes:** When PST's were performed we had dug back further than the original pit wall to a shallower area so the results do not line up well with snow profile. Ski penetration was 14.5 cm.