

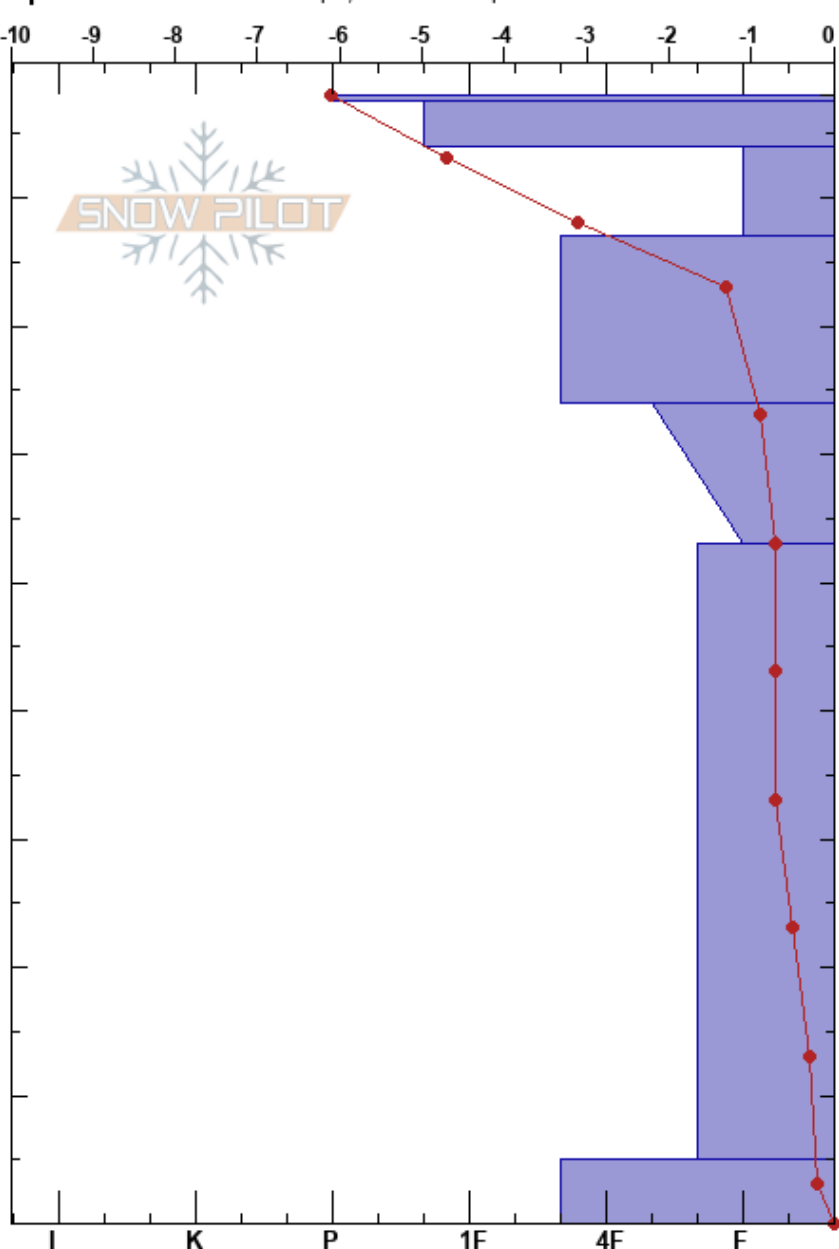
Lab 5 Group 1
 Bridger Range
 MT

Rebecca Pappas
 02/17/2017 - 2:10pm
 Co-ord: 45.83550N, -110.92831W
 Slope Angle: 28°
 Wind Loading: no

Stability:
 Air Temperature: -1.4°C
 Sky Cover: FEW
 Precipitation: NO
 Wind: Calm

HS: 88
 PF: 64
 Layer Notes:
 87.5-84cm: SWE: 4.2 mm
 84-77cm: SWE: 11.9 mm
 77-64cm: SWE: 28.6 mm
 64-53cm: SWE: 37.4 mm
 53-5cm: SWE: 144.0 mm

Elevation: 2337 m
 Aspect: 50°
 Specifics: Ski tracks on slope; We skied slope



Form	Crystal Size	Moisture	ρ kg/m³	Stability tests & Layer comments
⊙⊙	0.5-1	M	140	
/	0.5-1	D-M	170	87.5-84cm: SWE: 4.2 mm
●	0.5-1	D-M	170	84-77cm: SWE: 11.9 mm
●	1	D	220	← STE @72cm Q2 77-64cm: SWE: 28.6 mm
⊖	0.5-1	D	340	64-53cm: SWE: 37.4 mm
			300	← CT11, Q2 @53cm
⊖	1.5-2	D		53-5cm: SWE: 144.0 mm
				← CT23, Q3 @10cm
^	2-4	D	220	

Notes: - PS/PF: 10/64 cm
 - HS: 88 cm HSW: 237.1 mm
 - Layer 0-5: SWE: 11.0 mm
 - Results from ST and CT used to determine weak layer