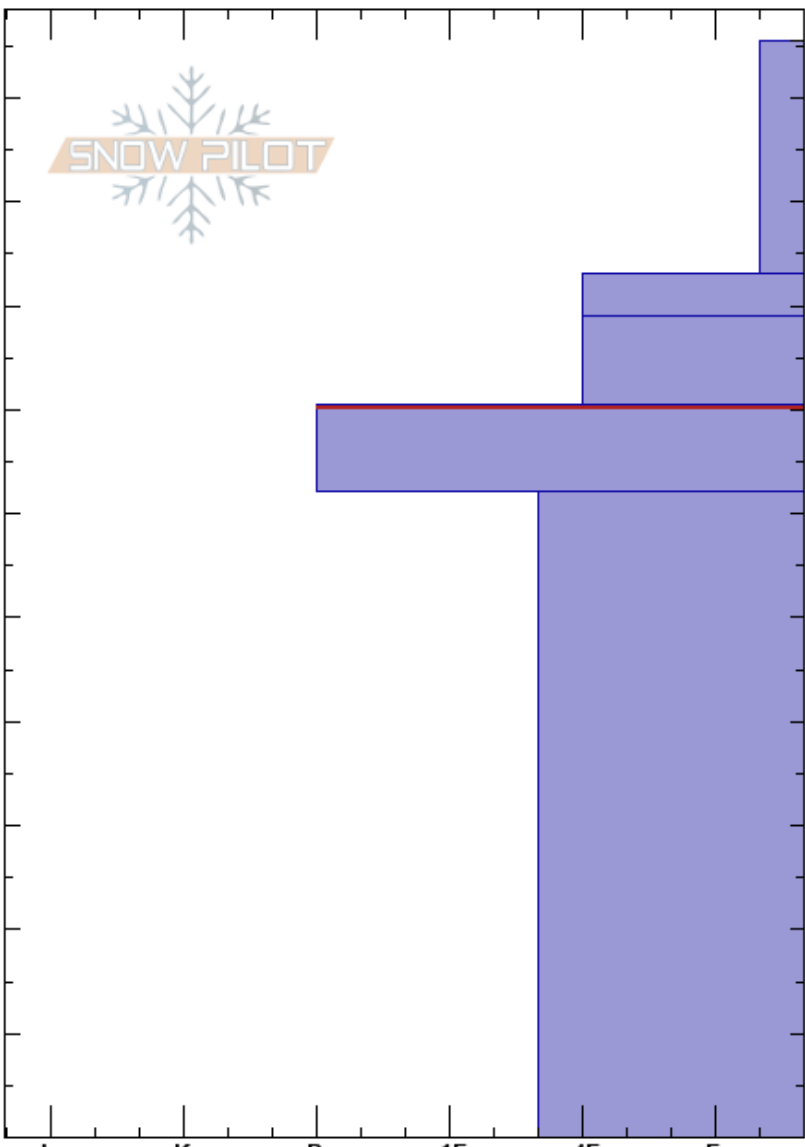


Lab\_03  
 Bridger Range  
 MT  
 Elevation: 2329 m  
 Aspect: 30°  
 Specifics: Ski tracks on slope

Richard Panuschka  
 02/03/2017 - 2:15pm  
 Co-ord: 45.83396N, -110.92814W  
 Slope Angle: 24°  
 Wind Loading: no

Stability: **HS: 105.5**  
 Air Temperature: -1°C PF: 90  
 Sky Cover: OVC  
 Precipitation: NO  
 Wind: Calm  
 105.5-83cm: SWE: 9%  
 83-79cm: SWE: 24%  
 79-70.5cm: SWE: 29%  
 70.5-62cm: SWE: 36%  
 70.5-62cm: Problematic layer  
 [More Layer Comments below]



Crystal Form	Crystal Size	Moisture	$\rho$ kg/m <sup>3</sup>	Stability tests & Layer comments
/	1	D	90	105.5-83cm: SWE: 9%
☐	2.5	D	240	← CT18, Q2 @81cm
☐	1	D	290	83-79cm: SWE: 24% ← CT16, Q3 @75cm
☐	0.5	D	360	← SB40, Q2 @75cm Fracture ← SB50, Q2 @75cm Propagation ← STC @72cm Q2
			300	← RB5, Q2 @70cm Non Planar ← STC @70cm Q2 ← SB20, Q3 @60cm ← CT27, Q2 @58cm ← CT21, Q2 @53cm
☐	2	D		← STC @37cm Q3 ← STC @35cm Q3 62-0cm: SWE: 30%
				← CT21, Q3 @11cm
				← SB40, Q2 @0cm

Notes: Pole Penetration: Soft, new snow and hard crust with facets beneath  
 Ski Penetration: 30cm. Additional Layer Comments: 0-62cm: SWE: 30%;