

Lab 5 - Group 2

Zach Popp

Stability:

HS:73

Layer Notes:

Bridger Range

02/17/2017 - 2:00pm

Air Temperature: -0.6°C

72-63cm: SWE: 10 (mm)

MT

Co-ord: 45.83266N, -110.92853W

Sky Cover: FEW

63-62cm: SWE: 3 (mm)

Elevation: 2346 m

Slope Angle: 30°

Precipitation: NO

62-47cm: SWE: 43.5 (mm)

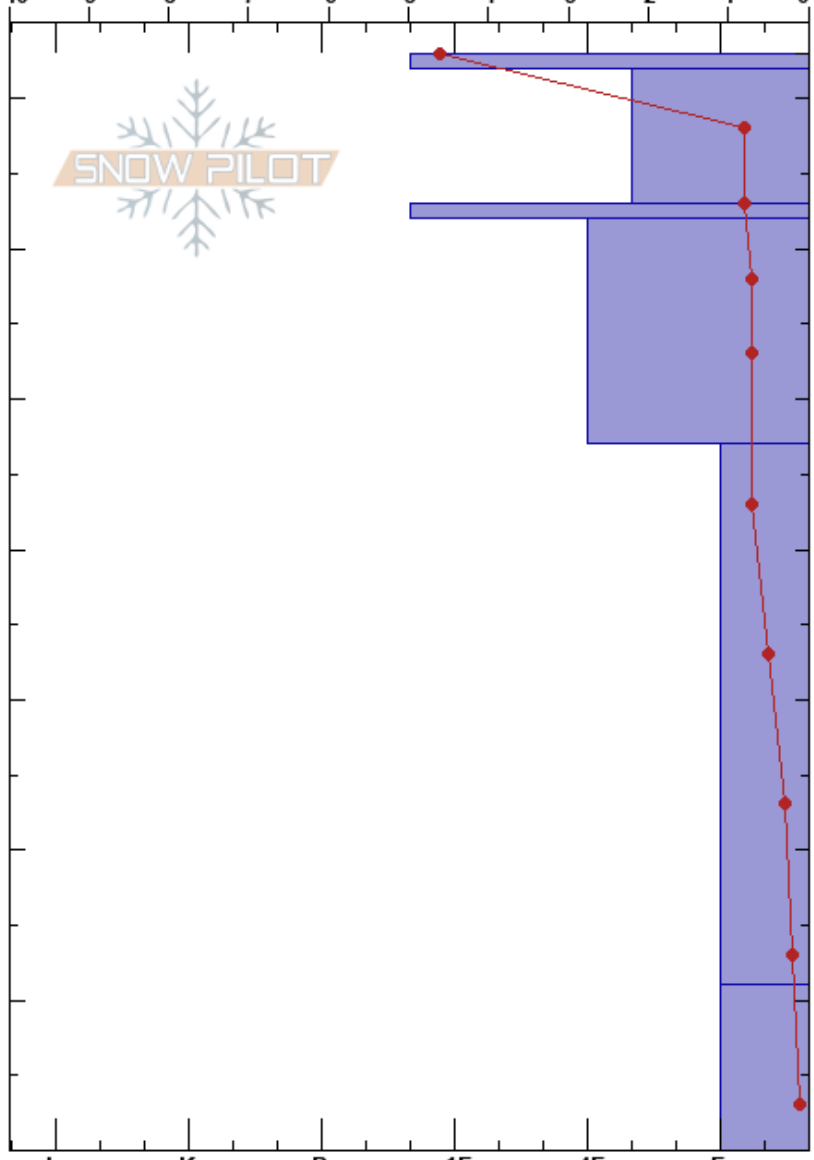
Aspect: NE

Wind Loading: no

Wind: Calm

47-11cm: SWE: 100.8 (mm)

Specifics: Ski tracks on slope; We skied slope



Form	Crystal		Moisture	ρ kg/m³	Stability tests & Layer comments
	Size				
∞	1-2		D		
•	0.5-1		D		72-63cm: SWE: 10 (mm)
⊙⊙			D		63-62cm: SWE: 3 (mm)
•	0.5-1		D		62-47cm: SWE: 43.5 (mm)
					← CT2, Q3 @47cm
⊖	1-2		D		47-11cm: SWE: 100.8 (mm)
∧	3-6		D		11-0cm: SWE: 31.9 (mm)
					← CT13, Q2 @0cm

Notes: Ski Pole Penetrometer: thin hard crust, soft 5-10cm layer, thin hard crust, soft to ground.

Above average temperatures and lack of snow produced low instability - avalanche danger for the day was rated "low" by GNFAAC.