

Snow Science Lab 3

Ian Ross

Stability: Fair

HS:114.8

Layer Notes:

Bridger Range

02/03/2017 - 2:15pm

Air Temperature: -1.8°C

PF:35

114.8-91.5cm: SWE=25.63mm

MT

Co-ord: 45.83400N, -110.92828W

Sky Cover: BKN

91.5-71.2cm: SWE=43.645mm

Elevation: 2352 m

Slope Angle: 28°

Precipitation: NO

71.2-66cm: SWE=22.36mm

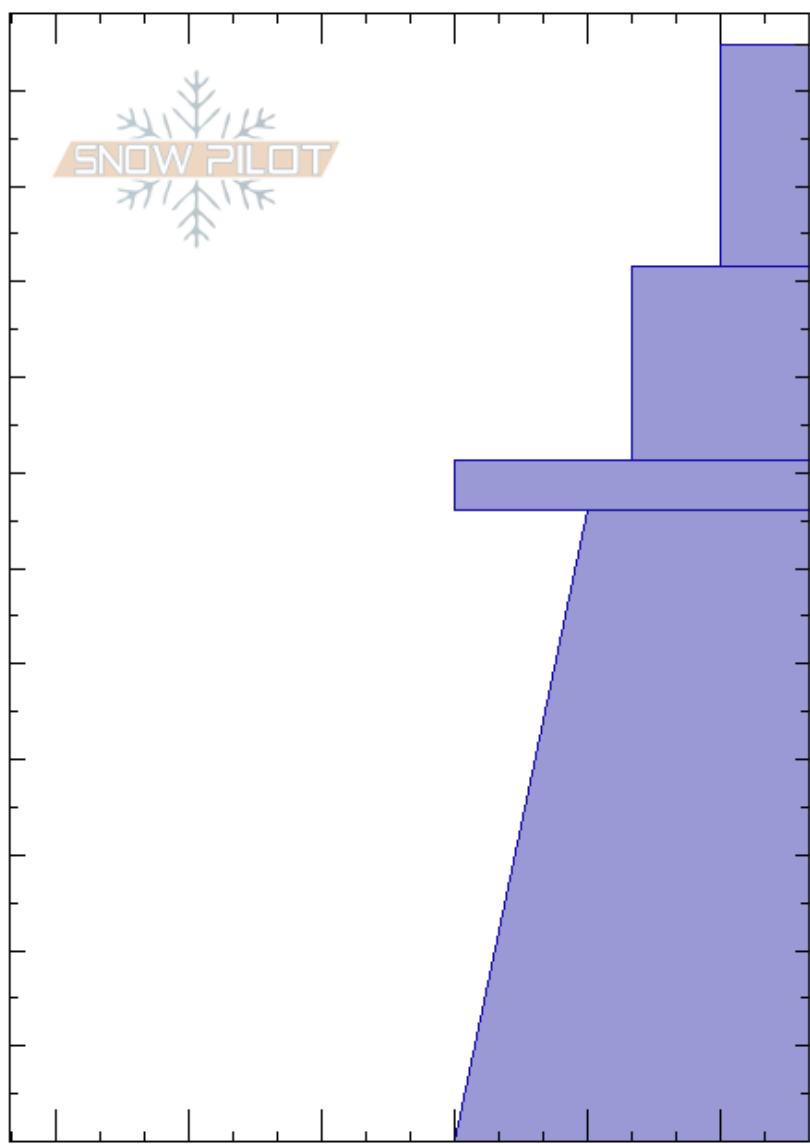
Aspect: NE

Wind Loading: previous

Wind: NE Calm

66-0cm: SWE=184.8mm

Specifics: Ski tracks on slope; We skied slope



Height (cm)	Crystal		Moisture	$\rho$ kg/m <sup>3</sup>	Stability tests & Layer comments
	Form	Size			
114.8				110	
110 - 100	/	1	D		114.8-91.5cm: SWE=25.63mm
90 - 80	☉	1-1.5	D	215	91.5-71.2cm: SWE=43.645mm ← STE @93cm Q2 ← STM @92cm Q2
70 - 66	⊖	1	D	430	← CT26, Q3 @68cm ← RB5, Q2 @68cm ← SB80, Q3 @67cm
66 - 0	□	1-2	D	280	66-0cm: SWE=184.8mm
0 - 4					← CT29, Q3 @4cm

Notes: pit location was on the northern edge of Bradley's meadow. PS=18cm PF=35cm.