

Group 5 Lab 4 Bradleys

Joe Crain

Bridger Range

02/10/2017 - 2:00pm

MT

Co-ord: 45.83366N, -110.92824W

Elevation: 2337 m

Slope Angle: 30°

Aspect: 45°

Wind Loading:

Specifics: Pit dug in a Ski Area

Stability:

Air Temperature: -0.7°C

Sky Cover: OVC

Precipitation: NO

Wind: Calm

HS: 97

PF: 62

PS: 24

Layer Notes:

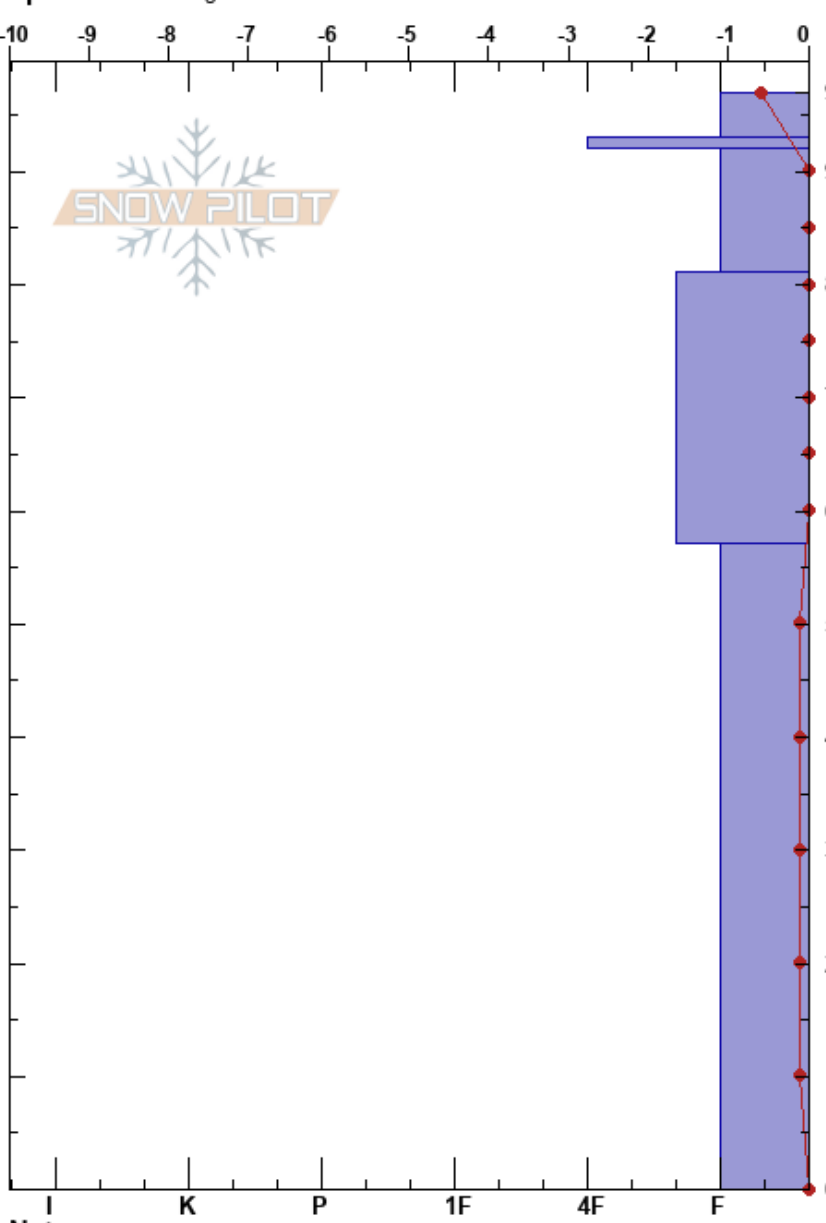
97-93cm: SWE: 5.6mm

93-92cm: SWE: N/A

92-81cm: SWE: 20.9mm

81-57cm: SWE: 43.2mm

57-0cm: SWE: 142.5mm



Form	Crystal		Moisture	ρ kg/m³	Stability tests & Layer comments
	Size	Moisture			
•	0.1-0.3	M		140	97-93cm: SWE: 5.6mm
/ (∞)	2	M		140	93-92cm: SWE: N/A
/	1-2	M		190	92-81cm: SWE: 20.9mm
•	0.1-0.3	M		180	81-57cm: SWE: 43.2mm
∩ (∧)	0.5-4	M		250	57-0cm: SWE: 142.5mm

← PST80/100 (End) @57cm  
 ← PST100/100 (End) @57cm  
 ← ECTP18 @54cm  
 ← SB20, BRK @54cm

← ECTX  
 ← SBN

Notes: Almost no temperature gradient across profile.