

MSU snow Lab 1 part 2

Timmy Rickert

Bridger Range

01/25/2020 - 1:50pm

MT

Co-ord: 45.83435N, -110.92300W

Elevation: 7200 ft

Slope Angle: 18°

Aspect: 74°

Wind Loading: no

Specifics: Pit dug in a Ski Area; Pit is representative of backcountry

Stability:

Air Temperature: 30°F

Sky Cover: BKN

Precipitation: NO

Wind: Calm

HS: 108

PF: 50

PS: 8

Layer Notes:

108-104cm: New deposits

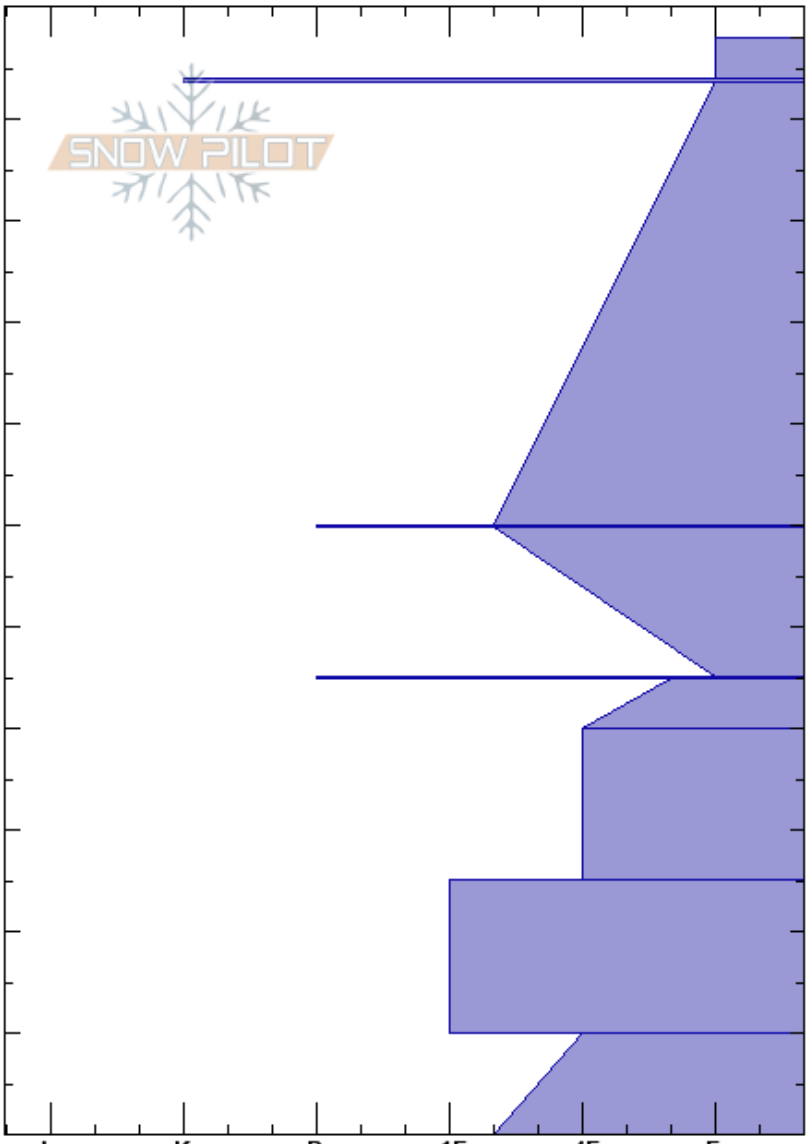
104-103.5cm: Rain. crust

103.5-60cm: Tested layer.

60-59.8cm: Fine crust layer

45-44.8cm: Fine crust layer

[More Layer Comments below]



Depth (cm)	Crystal		Moisture	$\rho$ kg/m <sup>3</sup>	Stability tests & Layer comments
	Form	Size			
108					
108-104	+		D	230	108-104cm: New deposits
104-103.5	=		D		104-103.5cm: Rain. crust
103.5-60	/ (.)		D		103.5-60cm: Tested layer.
60-59.8			D		60-59.8cm: Fine crust layer
45-44.8			D		45-44.8cm: Fine crust layer
10-0	^		D	32.3	10-0cm: Basal Facets

Notes: . Additional Layer Comments: 0-10cm: Basal Facets ; 0-10cm: Problematic layer;