

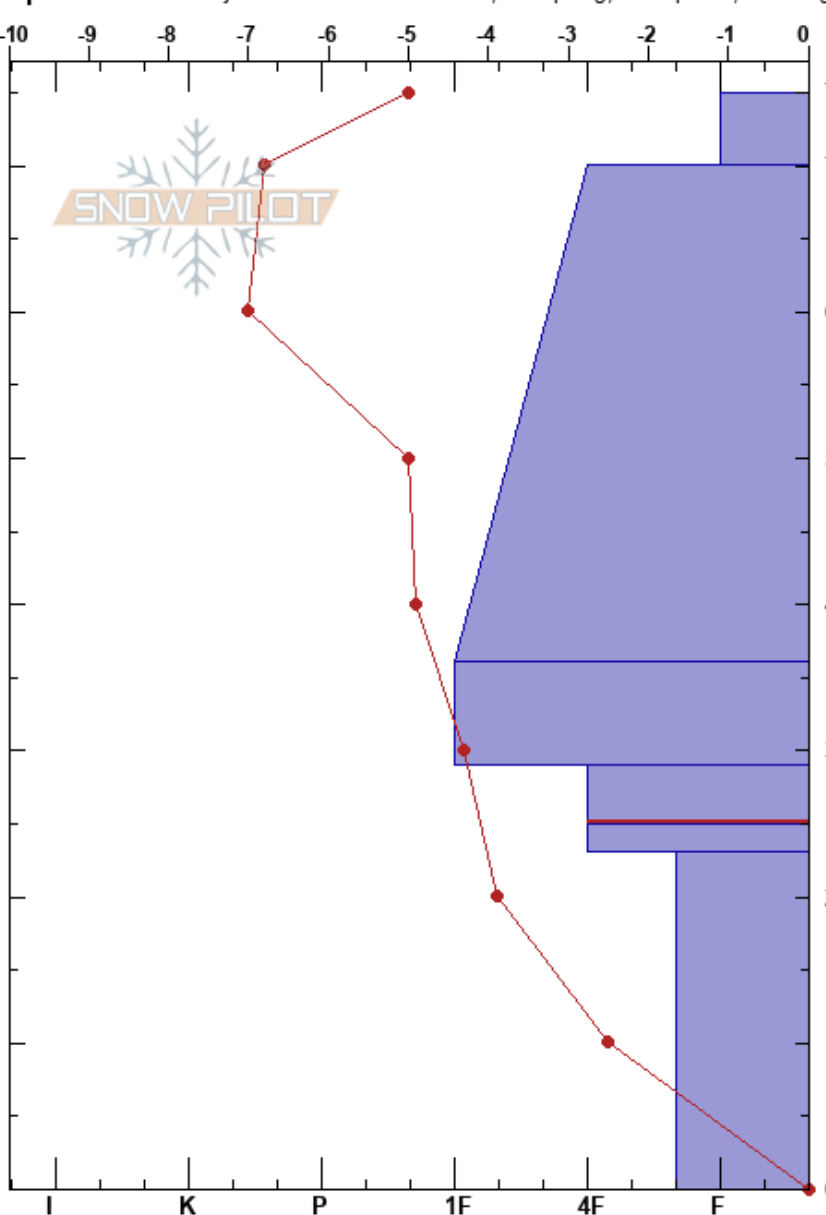
YC NNL Crown Profile  
 Madison Range-N  
 MT  
 Elevation: 9500 ft  
 Aspect: 340°

Griffin Dittmar  
 02/19/2024 - 12:15pm  
 Co-ord: 45.20277N, -111.43578W  
 Slope Angle: 30°  
 Wind Loading: previous

Stability:  
 Air Temperature: -3.7°C  
 Sky Cover: BKN  
 Precipitation: NO  
 Wind: SW Light Breeze

HS:75  
 PS: 25  
 29-25cm: Problematic layer  
 25-23cm: Decomposing

Specifics: Pit is adjacent to avalanche: crown; Collapsing, widespread; Cracking; Recent avalanche activity on similar slopes



Form	Crystal Size	Moisture	$\rho$ kg/m <sup>3</sup>	Stability tests & Layer comments
*	1			
* ( / )	1-2(1)	D		
• ( / )	0.5(0.5)	D		
•	0.3	D		
⊖	0.5-1	D		
⊙		D		25-23cm: Decomposing
^ ( ^ )	4-6(8)	D		

Notes: Pit dug by Griffin Dittmar and Sean Jorgenson in the crown of an explosive triggered avalanche classified as: SS-R4-D3-O. The trigger point was in the top of the run out of the slide path. The Avalanche broke above the MFCr @25cm above the ground. The avalanche propagated appropriately 1000-1200ft wide through several slide paths and ran approximately 750ft. The crown was 1-2 feet where the profile was dug. Alpha angle measured at 27 degrees.