

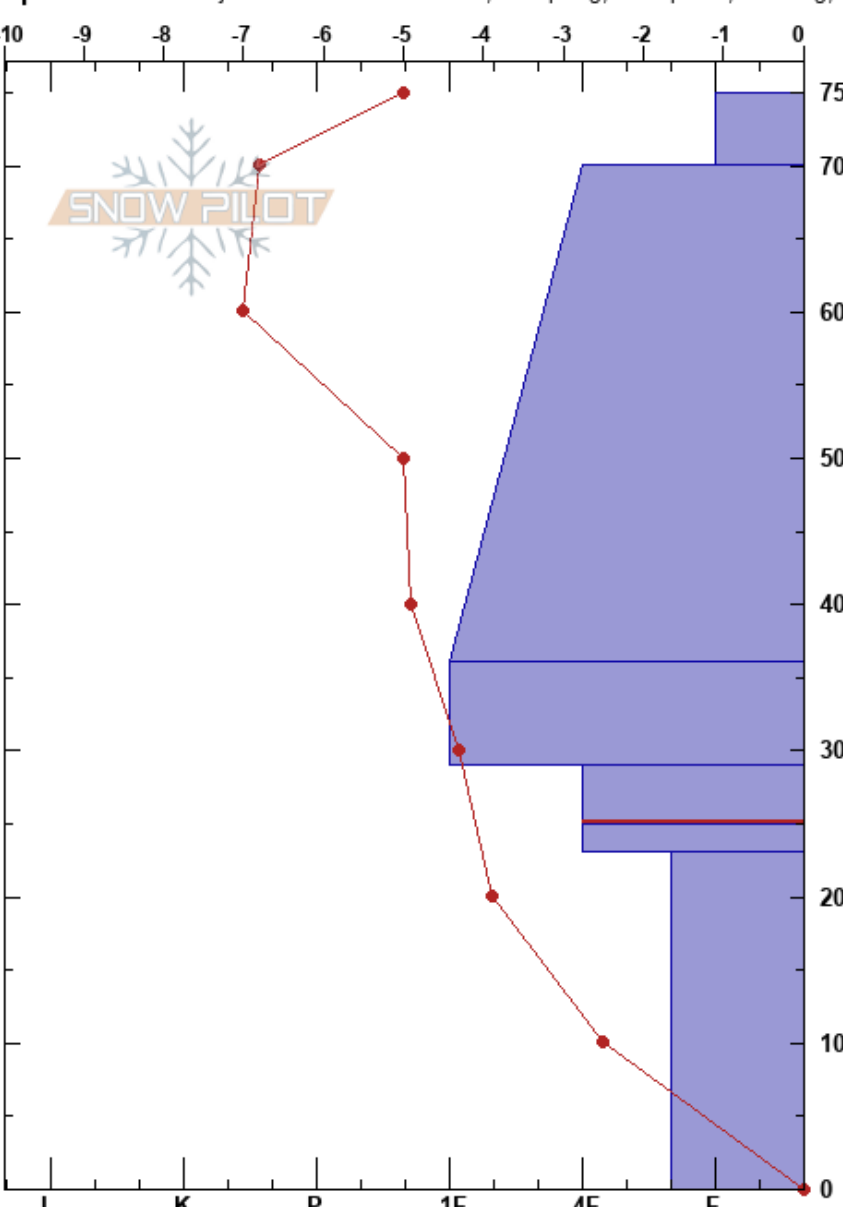
YC NNL Crown Profile
 Madison Range-N
 MT
 Elevation: 9500 ft
 Aspect: 340°

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	ρ kg/m ³	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.