

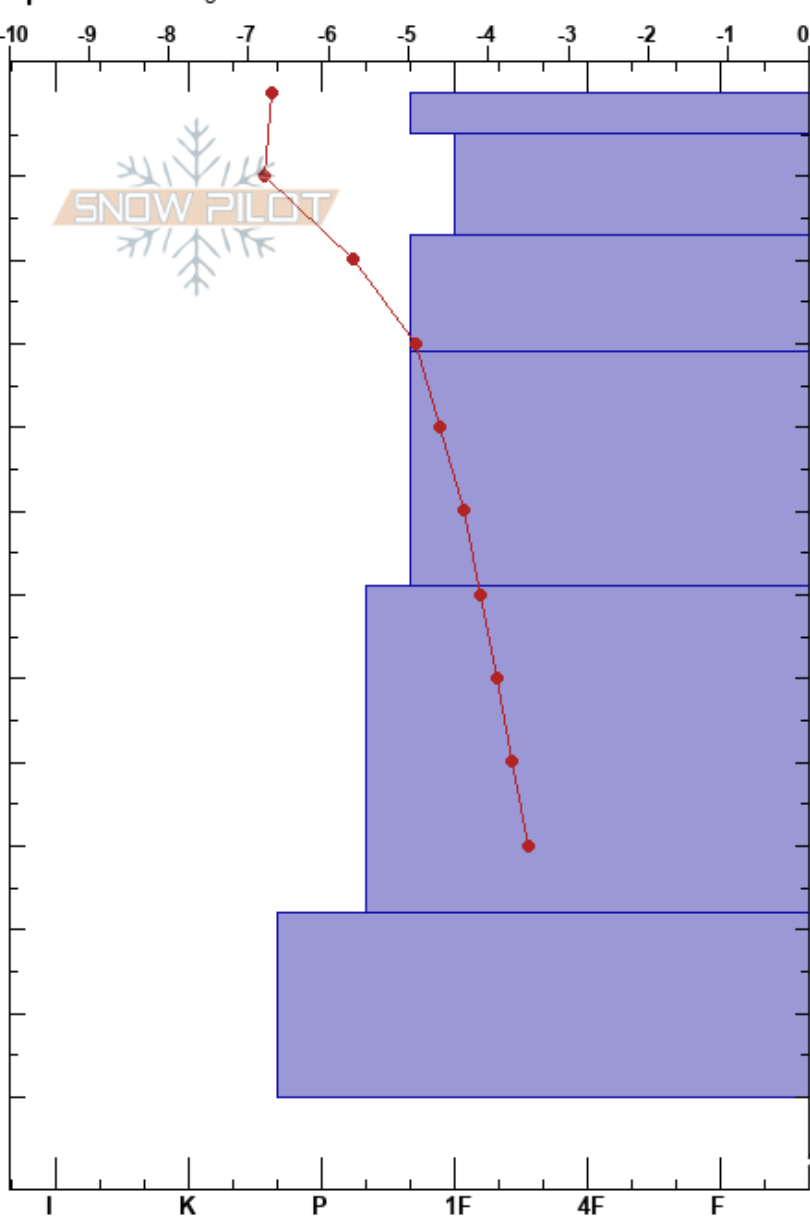
Spirit - 2022-03-16  
 Gallatin Range-N  
 MT  
 Elevation: 2680 m  
 Aspect: E

Nata de Leeuw  
 03/16/2022 - 10:15am  
 Co-ord: 12T 465254W 5009662N  
 Slope Angle: 24°  
 Wind Loading: previous

Stability:  
 Air Temperature: -6.4°C  
 Sky Cover: BKN  
 Precipitation: S1  
 Wind: NW Light Breeze

HS:201  
 PF: 40  
 Layer Notes:  
 0-5cm: Evidence broken graupel  
 5-17cm: overnight snow  
 17-31cm: sintering  
 31-59cm: sintering, var. hardness  
 98-120cm: Dirt layer @ 103

Specifics: Pit dug in a Ski Area



Form	Crystal Size	Moisture	$\rho$ kg/m <sup>3</sup>	Stability tests & Layer comments
⚡	1			
• ( / )	0.3-0.5 (0.5)	D	200	← ECTN12 @5cm
• ( ⚡ )	0.5 (1)	D	175	0-5cm: Evidence broken graupel 5-17cm: overnight snow ← ECTN17 @17cm Layer compressed
•	0.5	D	200	17-31cm: sintering
⊖	0.5	D		31-59cm: sintering, var. hardness
⊖	1-1.5	D		
⊖ ( ^ )	2 (3)	D		98-120cm: Dirt layer @ 103

Notes: New windsl o/n.  
 Dug on old pit site. Fine for surface layers, but difficult to identify midpack layers.  
 Densities for top layers only due to time constraint.