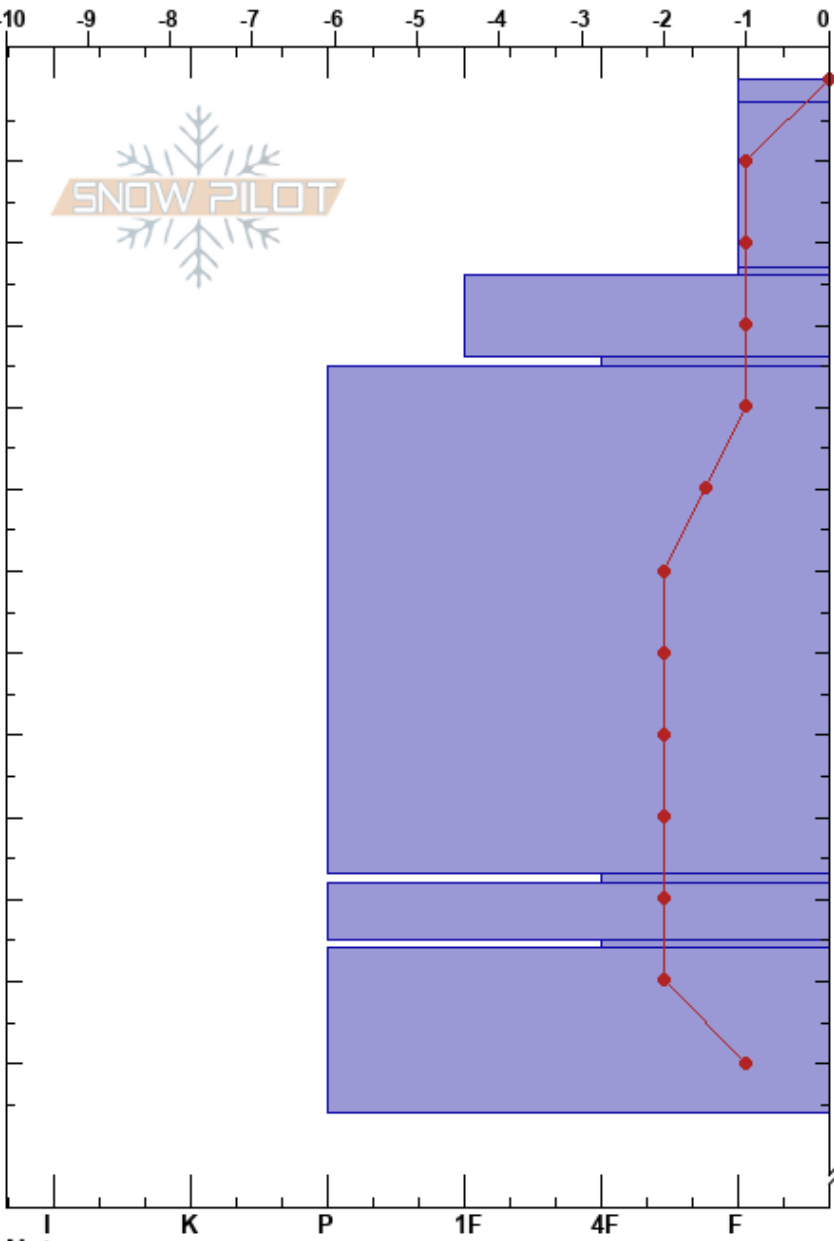


Highland Bowl  
 Stevens Pass  
 WA  
 Elevation: 5621 ft  
 Aspect: 80°  
 Specifics: Recent avalanche activity on different slopes

Aaron Barnett  
 03/16/2024 - 1:00pm  
 Co-ord: 47.74216N, -121.07394E  
 Slope Angle: 25°  
 Wind Loading: previous

Stability:  
 Air Temperature: 6°C  
 Sky Cover: CLR  
 Precipitation: NO  
 Wind: E Light Breeze

HS:255  
 PS: 12  
 Layer Notes:  
 23-24cm: Problematic layer  
 97-98cm: 2/24 crust  
 106-126cm: Early Febuary Crust



Form	Crystal Size	Moisture	$\rho$ kg/m <sup>3</sup>	Stability tests & Layer comments
◦◦		V		
/	1	W		
◦◦	1	V		← CT19, PC @25cm
● (B)	0.3(0.3)	M-W		
◦◦	1	V		
●	0.5	M		
◦◦		V		← DTN @97cm
⊖	0.5	M		97-98cm: 2/24 crust
◦◦		V		
⊖	1.5			106-126cm: Early Febuary Crust

**Notes:** All, "very wet," slush layers were various old/new interfaces. This would indicate pooling water. Water was not in fact pooling or percolating down into the snowpack. These interfaces were simply melting quickly when exposed to the warm ambient temperature and solar radiation. If you kept carving the outer layer of the pit away, you could get to moist grains before they would quickly melt and turn into slush. After the negative deep tap test, I inserted my shovel as a modified shovel shear test. The column, "Popped," out as a sudden planer very easy result at the Early February Crust.