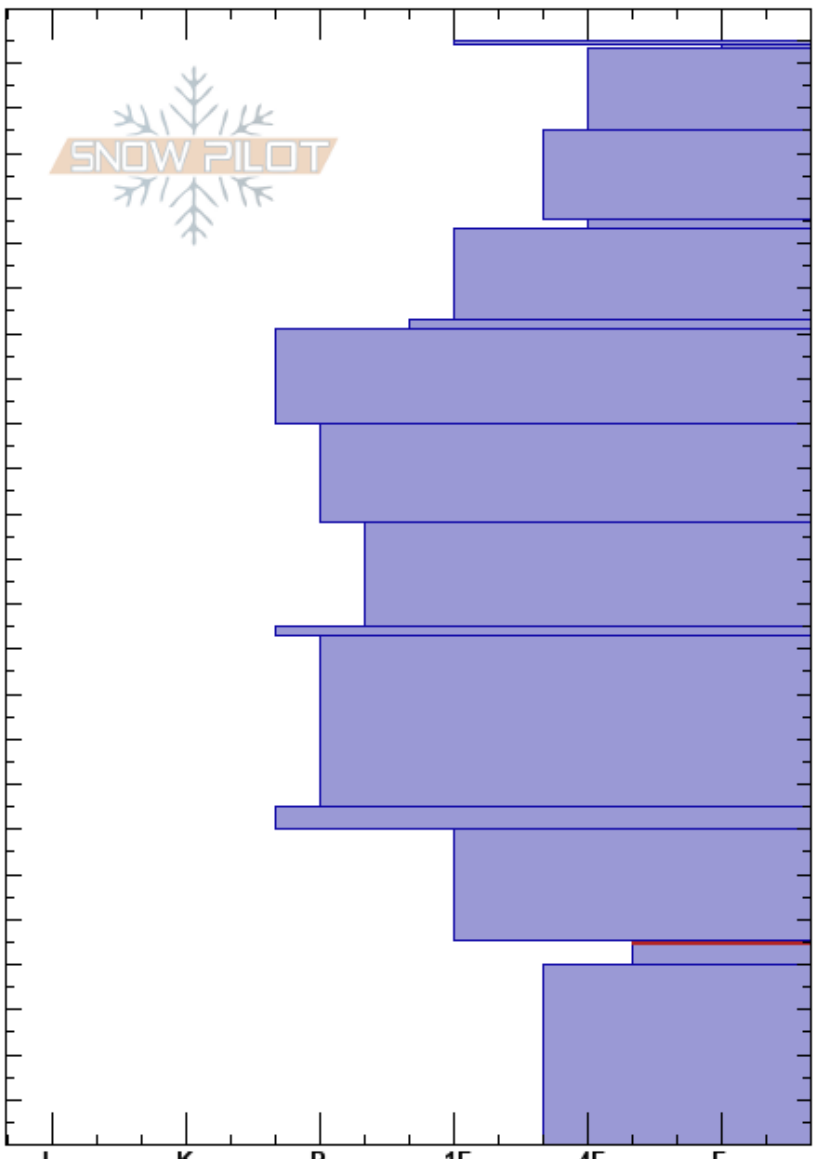


Big Cat 6
 Uinta Range
 UT
 Elevation: 9800 ft
 Aspect: NE
 Specifics: Recent avalanche activity on similar slopes; We skied slope

Bill Nalli
 02/24/2019 - 12:30pm
 Co-ord: 40.82230N, -111.08603W
 Slope Angle: 36°
 Wind Loading: yes

Stability: Fair
 Air Temperature: -13°C
 Sky Cover: FEW
 Precipitation: NO
 Wind: SW Strong
 HS:245
 PF:30 45-40cm:Problematic layer



Depth (cm)	Crystal		Moisture	ρ kg/m³	Stability tests & Layer comments
	Form	Size			
245	●	0.5			
240	□	1			
230	☒	1			
220	●	0.5			
210	⊖	1			
200	⊖	1			
190	●	1			
180	●	1			
170	●	1			
160	●	1			
150	●	1			
140	●	0.5			
130	⊖	1			
120	⊖	1			
110	⊖	1			
100	⊖	1			
90	⊖	1			
80	●	0.5			
70	⊖	1			
60	∧	3			
50	∧	2			
40					← PST170/200 (End) @44cm

Notes: This pit highlights the general problem in the Uintas right now. Weak snow near the ground is strengthening but it has a very strong, deep (2meter) slab on top. It's very unlikely that a single skier alone can trigger one of these monsters. The problem is that a smaller avalanche, or a large cornice can bring this hazard to life, and continues to do so even over a week since the last significant load. Prior to this pit we found a new HS-NC-R2, D3-O, 8'deep, 200' wide, 1000' vert. that occurred on a similar aspect in a steeper rocky slope. The high PST would suggest stability but the structure is still capable of producing big ones in many places. The deep snow cover is also capable of connecting in unusual ways and the weakness may still propagate long distances.