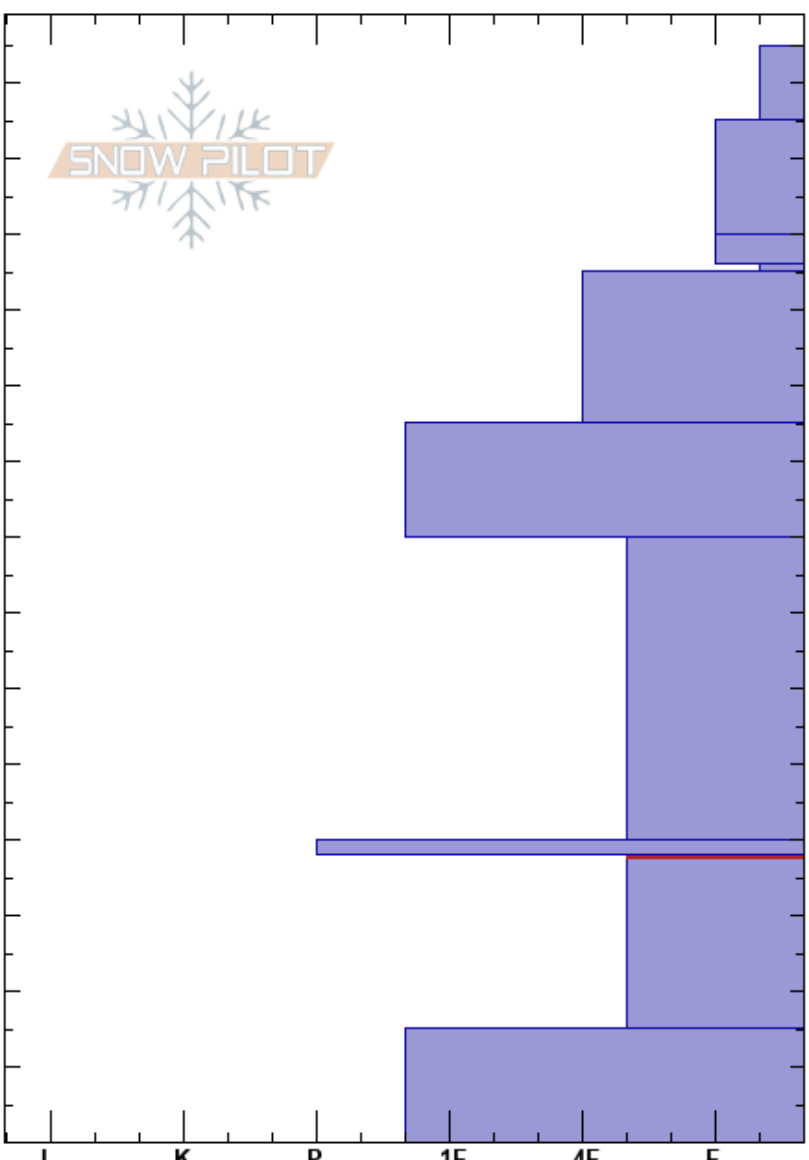


Lionhead ridge ski hill  
 Lionhead Range  
 MT  
**Elevation:** 8040 ft  
**Aspect:** 40°

Alex Marienthal  
 01/20/2018 - 12:05pm  
**Co-ord:** 44.70267N, -111.29602W  
**Slope Angle:** 28°  
**Wind Loading:** previous

**Stability:** Poor **HS:** 145 **Layer Notes:**  
**Air Temperature:** 38-15cm: Problematic layer  
**Sky Cover:** SCT  
**Precipitation:** S-1  
**Wind:** Calm

**Specifics:** Collapsing, widespread; Cracking; Recent avalanche activity on similar slopes; Recent avalanche activity on different slopes



Crystal Form	Size	Moisture	$\rho$ kg/m <sup>3</sup>	Stability tests & Layer comments
* ( / )				
/ ( + )				
⊘				
∇	10			ECTN12 @116cm PST100/100 (Arr) @116cm
⊖	2-3			
⊙				CT21, Q2 @38cm PST30/100 (End) @38cm
^	2-3			

**Notes:** Dug above (20-30 feet) previous avalanche crown from 12-14 days ago, which was mostly filled in. When first person left the pit up the same track we descended on, the entire slope collapsed 100'+ wide. Failed on facets below crust. Big collapse. Deep.