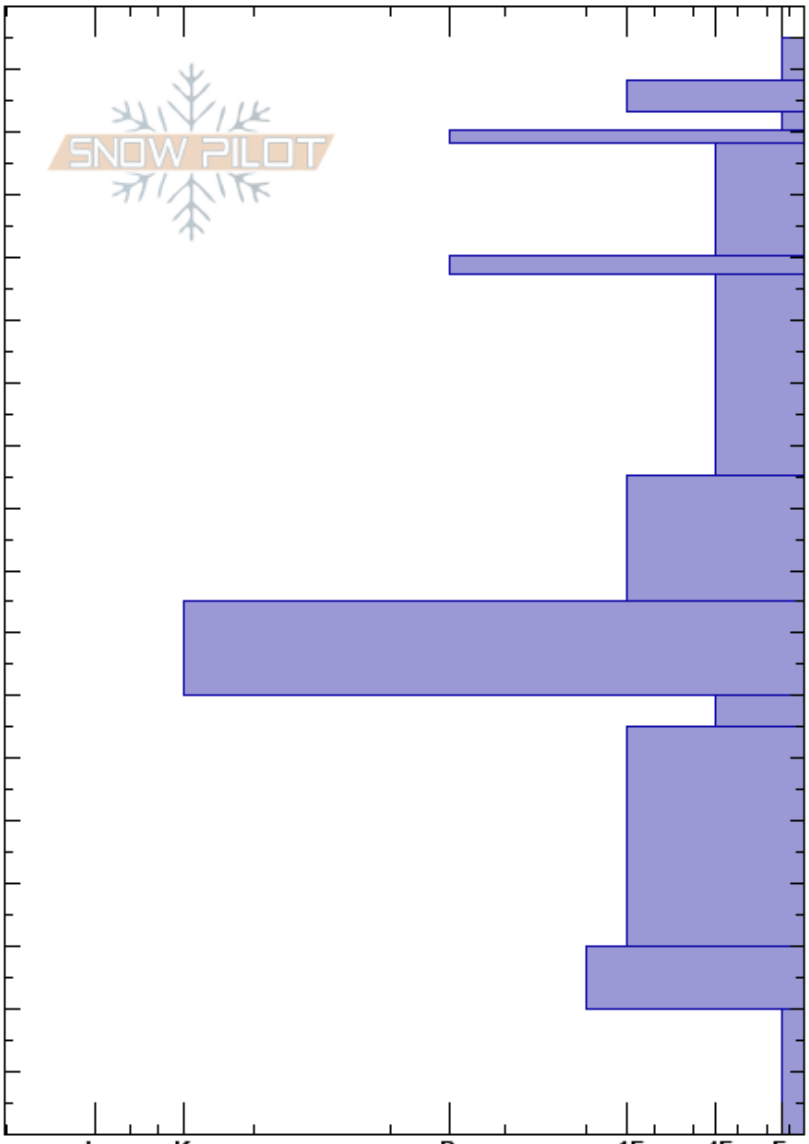


Marmot/Microdot  
 Talkeetna Mountains  
 AK  
**Elevation:** 3900 ft  
**Aspect:** S  
**Specifics:** Recent avalanche activity on similar slopes

Allie Barker  
 04/21/2023 - 4:00pm  
**Co-ord:** 61.78262N, -149.26132W  
**Slope Angle:** 26°  
**Wind Loading:**

**Stability:**  
**Air Temperature:** 5°C  
**Sky Cover:** CLR  
**Precipitation:** NO  
**Wind:** Calm

**HS:** 175  
**PF:** 25 163-160cm: Problematic layer  
**PS:** 10



Depth (cm)	Crystal		Moisture	$\rho$ kg/m <sup>3</sup>	Stability tests & Layer comments
	Form	Size			
175					
170	∩		W		
160	∩ (°°)		W-V		← ECTN13 @160cm
150	∩				
140	∩		M		
130					
120	.		M		
110					
100	•		M		
90					
80	=				
70	• (∩)				
60					
50	•		M		
40					
30	•		M		
20					
10	∩		M		
0					↙ CTN

**Notes:** Liquid melt water found at 160 cm (15 cm deep) and 140 cm (35 cm deep)