

170121 ESS4  
 North Cascades, East  
 WA

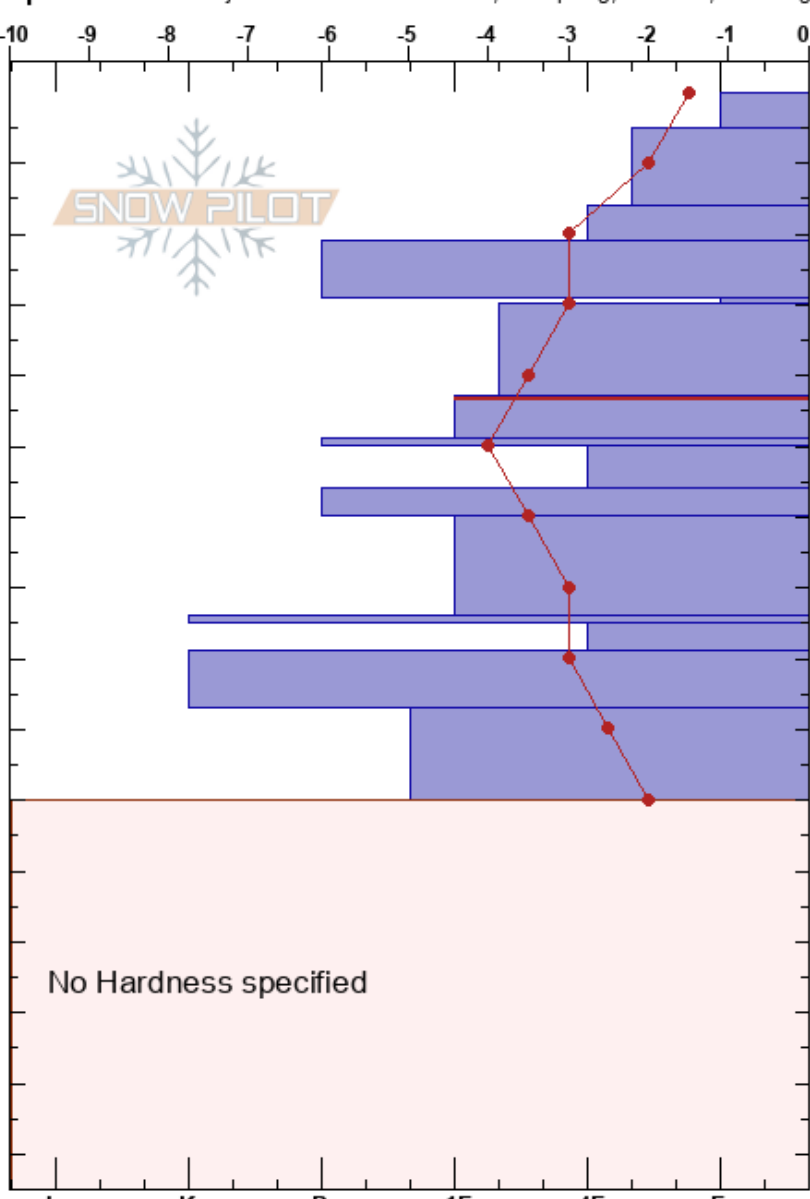
Ryan Zarter  
 01/21/2017 - 9:30am  
**Co-ord:**  
**Slope Angle:** 30°  
**Wind Loading:** previous

**Stability:**  
**Air Temperature:** 0°C  
**Sky Cover:** BKN  
**Precipitation:** NO  
**Wind:** Light Breeze

**HS:** 155  
**PF:** 30  
**Layer Notes:**  
 43-49cm: Avy at this interface.  
 43-49cm: Problematic layer  
 100-155cm: Spx not examined.

**Elevation:** 3700 ft  
**Aspect:** 200°

**Specifics:** Pit is adjacent to avalanche: crown; Collapsing, localized; Cracking; Recent avalanche activity on similar slopes



Crystal Form	Crystal Size	Moisture	ρ kg/m³	Stability tests & Layer comments
↔ ( / )	2	D		
/	2	D		
●	0.5	D		
∩	3	D		← CT7, SC @16cm
△	2	D		← CT2, SC @16cm
●	2	D		← CT21, SC @29cm
●	1	D		← CT19, SC @29cm
● ( ◡ )	1.5			← STH, SP @43cm
⊙		D		← PST30/100 (End) @43cm
●	2	D		← CT23, SP @43cm
⊙		D		← CT21, SP @43cm
●	1	D		
=		D		
●	1.5	D		
■		D		
●	1	D		
				100-155cm: Spx not examined.

**Notes:** Remote triggered HSR2D2 while approaching location to dig. Failure layer was down 43cm... possibly FCsf burried on 1/7