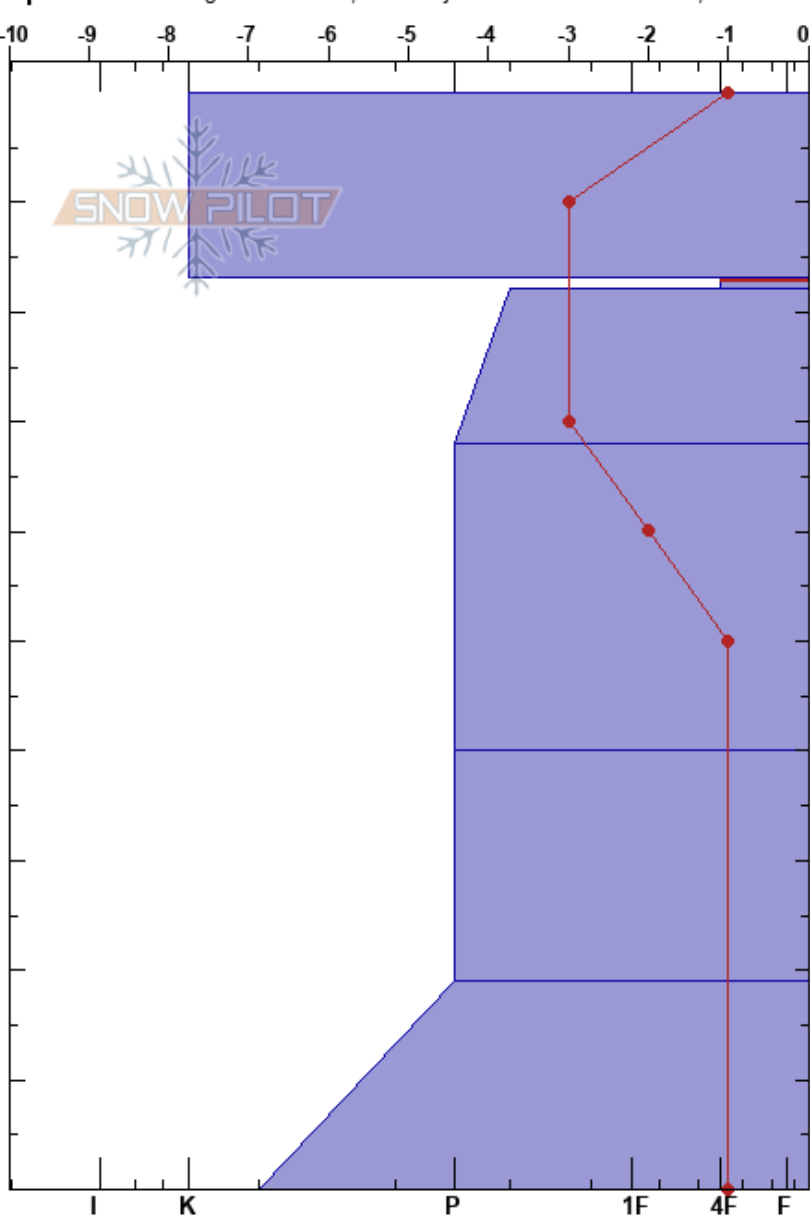


S.P. Upper Bench 1  
 Central Sierra  
 CA  
**Elevation:** 8100 ft  
**Aspect:** 90°  
**Specifics:** Pit dug in a Ski Area; Pit is adjacent to avalanche: flank;

Evan Salke  
 03/17/2023 - 10:30am  
**Co-ord:**  
**Slope Angle:** 37°  
**Wind Loading:**

**Stability:**  
**Air Temperature:** -1°C  
**Sky Cover:** CLR  
**Precipitation:** NO  
**Wind:** SE Light Breeze

**HS:** 100  
**PF:** 1  
**PS:** 1  
**Layer Notes:**  
 0-17cm: Very hard crust  
 17-18cm: Small grain facets  
 17-18cm: Problematic layer  
 18-32cm: Rounding  
 32-60cm: More consolidated  
 [More Layer Comments below]



Form	Crystal Size	Moisture	$\rho$ kg/m <sup>3</sup>	Stability tests & Layer comments
V	3			
⊙⊙		D		0-17cm: Very hard crust
∕ (□)	0.5 (0.5)	D		←CT3, PC @18cm Tensile strength
⊙ (•)	0.5	D		17-18cm: Small grain facets
⊙ (•)	0.5	D-M		18-32cm: Rounding
⊙ (•)	0.5	D-M		32-60cm: More consolidated
⊙ (•)	0.5	D-M		←CT13, PC @60cm Rough
⊙ (•)	0.5	D-M		60-81cm: Denser
⊙⊙		D		81-100cm: Not easily breakable

**Notes:** Wanted to get a look at crusts and percolation from recent weather event. Although an easy shear just below surface crust, the tensile strength is quite significant. Layers of clustered grains also showing some percolation channels. Surface hoar layer should rectify before next storm from warm daytime temps, and strong pre-storm winds.  
 Additional Layer Comments: 81-60cm: Denser; 100-81cm: Not easily breakable;