

Grouse Ridge 2

David Miller

Stability:

Layer Notes:

Lake Tahoe

03/17/2023 - 11:00am

Air Temperature:

1-2cm: Spatially variable deposit

CA

Co-ord: 39.13564N, -120.24098W

Sky Cover: CLR

2-3cm: Decomposing Crust

Elevation: 8200 ft

Slope Angle: 30°

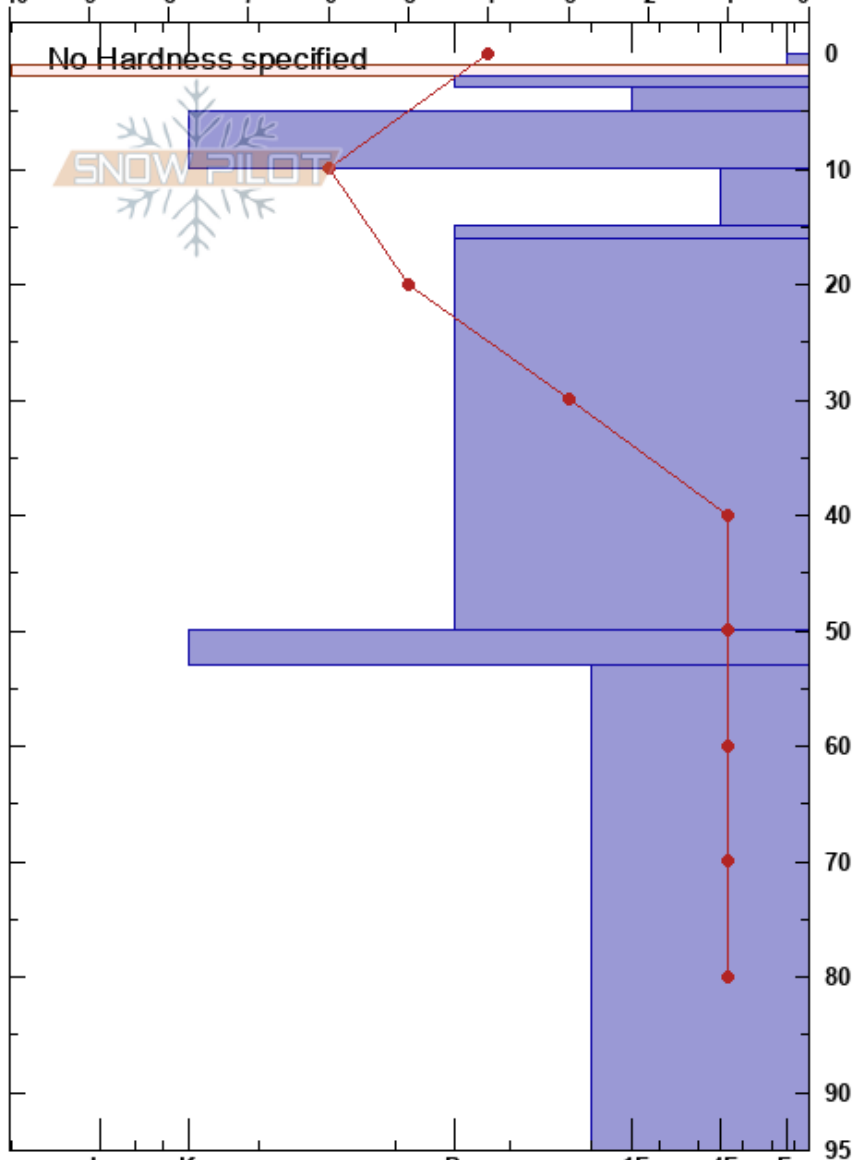
Precipitation: NO

Wind: E Light Breeze

Aspect: 5°

Wind Loading: no

Specifics: Pit dug in a Ski Area; Pit is representative of backcountry



Form	Crystal		Moisture	$\rho$ kg/m <sup>3</sup>	Stability tests & Layer comments
	Size				
∇	8-15		D		
⊗	2-3		D		1-2cm: Spatially variable deposit
⊕ (□)	0.3-0.5		D		← CT21, SP @10cm
⊕ (□)	0.5-1		D		← 2x ECTN11 @10cm BRK
=			D		2-3cm: Decomposing Crust
⊕ (□)	0.5-1		D		
=			D		
/ (⊕)	0.3-0.5		D		
=			D		
⊕	0.3-0.5		D		

Notes: Deep Snowpack. Could not probe to ground. Near crust faceting observed in the upper 15cm of the snowpack.