

QH2 LOWER START ZON Illelwellyn murdoch

Treble Cone 25/08/2023 - 10:45

New Zealand Co-ord: -44.63849N, 168.87703W

Elevation: 2040 m Slope Angle: 32°

Aspect: SE Wind Loading:

Specifics: Pit dug in a Ski Area

Stability:

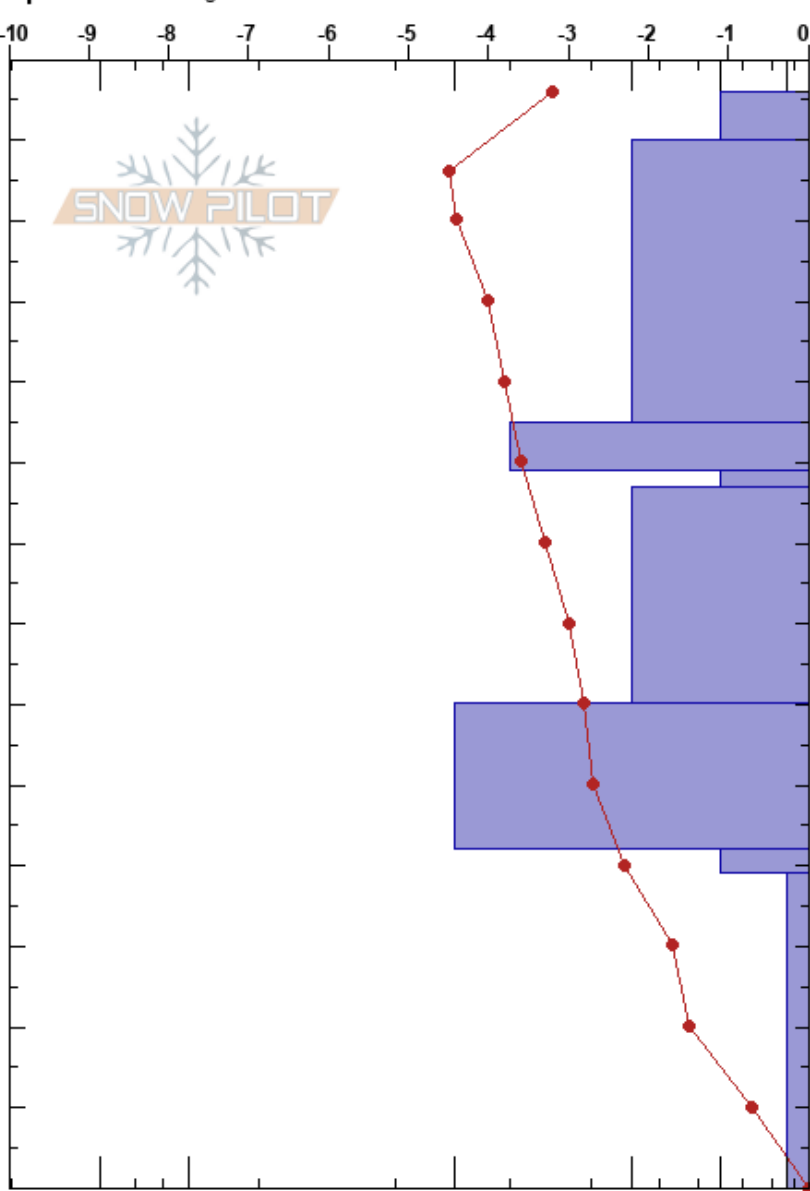
Air Temperature: -0.3°C HS: 136 PF: 20 95-89cm: Problematic layer

Sky Cover: FEW PS: 10

Precipitation: NO

Wind: W Light Breeze

Layer Notes:



Form	Crystal Size	Moisture	$\rho$ kg/m <sup>3</sup>	Stability tests & Layer comments
∇	2			
/	1			
.	0.5			
=				
□	1.5			CT18 @90cm Ct18 RP ECTN23 @90cm
.	0.5			
=				
□	1.5			DT22 @39cm DT22 RP ECTPV @39cm
^ (=)	3.5			

**Notes:** This area has had high skier traffic and good compaction on upper 40cm along with numerous Xe 1.1kg- 20kg with no Sp results . although tests indicate a very weak snow pack slope has been well tested and monitored, future loads above 10cm will need to be tested with Xe however , my feeling is that amounts of 40cm plus will see these weak layer become players