

Tower 5 2019.09.06

Turoa Snow Safety

Stability:

PF:15

Layer Notes:

Turoa

06/09/2019 - 12:45

Air Temperature:

13-23cm: Problematic layer

New Zealand

Co-ord: -39.29246S, 175.55166E

Sky Cover: OVC

23-25cm: decomposing

Elevation: 1980 m

Slope Angle: 39°

Precipitation: S-1

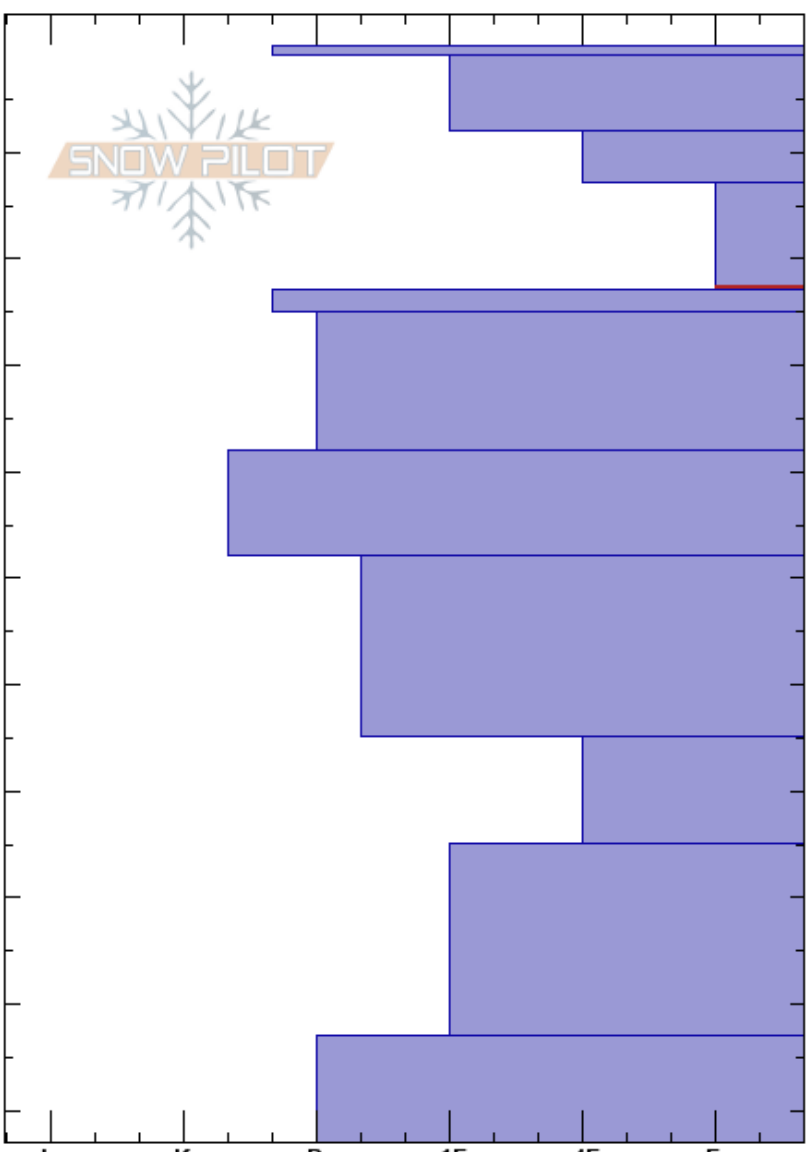
38-48cm: decomposing

Aspect: SE

Wind Loading:

Wind: Calm

Specifics: Pit dug in a Ski Area



Depth (cm)	Crystal		Moisture	ρ kg/m³	Stability tests & Layer comments
	Form	Size			
0	=				
0-5	∅		W		
5-10	∅		W		
10-15	∅∅		S		
15-20	■				CT13, SC @22cm STM, SC @22cm CT12, SC @22cm
20-30	∅		W		
30-40	■				38-48cm: decomposing
40-50	∅		W		
50-60	∅∅		V-S		CT24, RP @63cm 2x CT22, RP @63cm
60-70	∅		W		
70-80	∅		W		
80-90	∅		W		
90-100	∅		W		
100-103					ECTX

**Notes:** Pit dug approximately 15m below XE placement from 0830am. Power Gel size 4.8kg. Xe produced NR. HS unknown due to impenetrable ice lens 103cm down from surface. DK