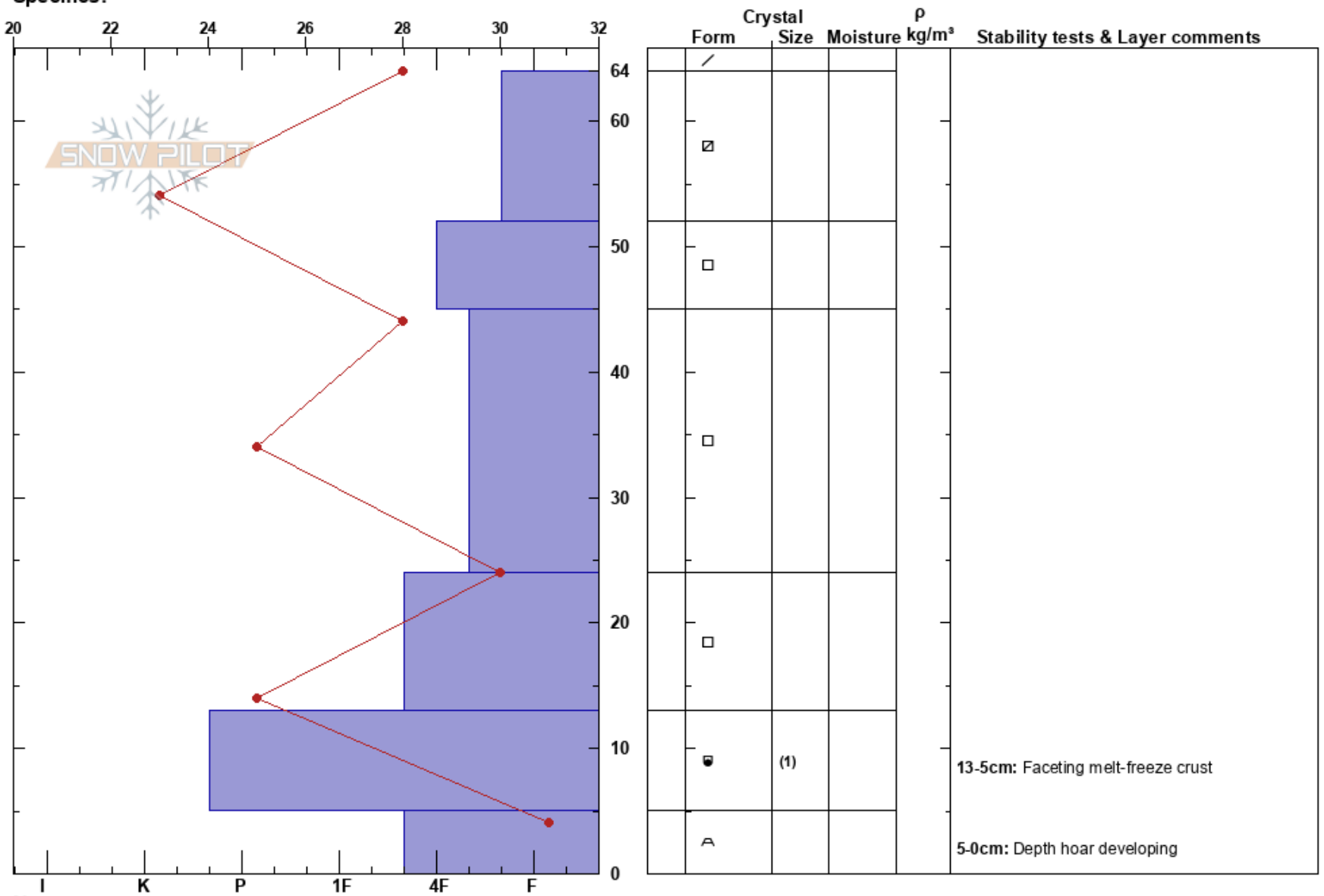
Hatcher Pass Rec L1
Hatcher Pass
AK
Elevation: 3340 ft
Aspect: N
Specifics:

Mat Brunton
12/09/2024 - 2:00pm
Co-ord:
Slope Angle: 17°
Wind Loading: yes

Stability:
Air Temperature: 28°F
Sky Cover: BKN
Precipitation: NO
Wind: S Moderate

HS:64

Layer Notes:
45-24cm: Problematic layer
13-5cm: Faceting melt-freeze crust
5-0cm: Depth hoar developing



Notes: We spent two days at Hatcher (12/8 & 9). We found an early season snowpack that was heavily faceted with high spatial variability in terms of depth (bare ground to areas with ~70cm HS) and potential weak layer distribution. In general, we found smaller, more rounded, and wind-packed grains at the surface. Mid snowpack we found the most heavily faceted and weakest grains. At the base we found depth hoar beginning to form as an early season melt-free crust facets and decomposes. That early season basal crust is still relatively harder than overlying, more heavily faceted mid-snowpack grains.

In ten snowpits with ECTS & CTs (on north to east aspects at 3000-3500') we found no propagation with moderate ECTNs and moderate Q3 failures in CTs.

Riding conditions were highly variable due to wind-affected snow, scoured areas, and superficially covered rocks and vegetation.