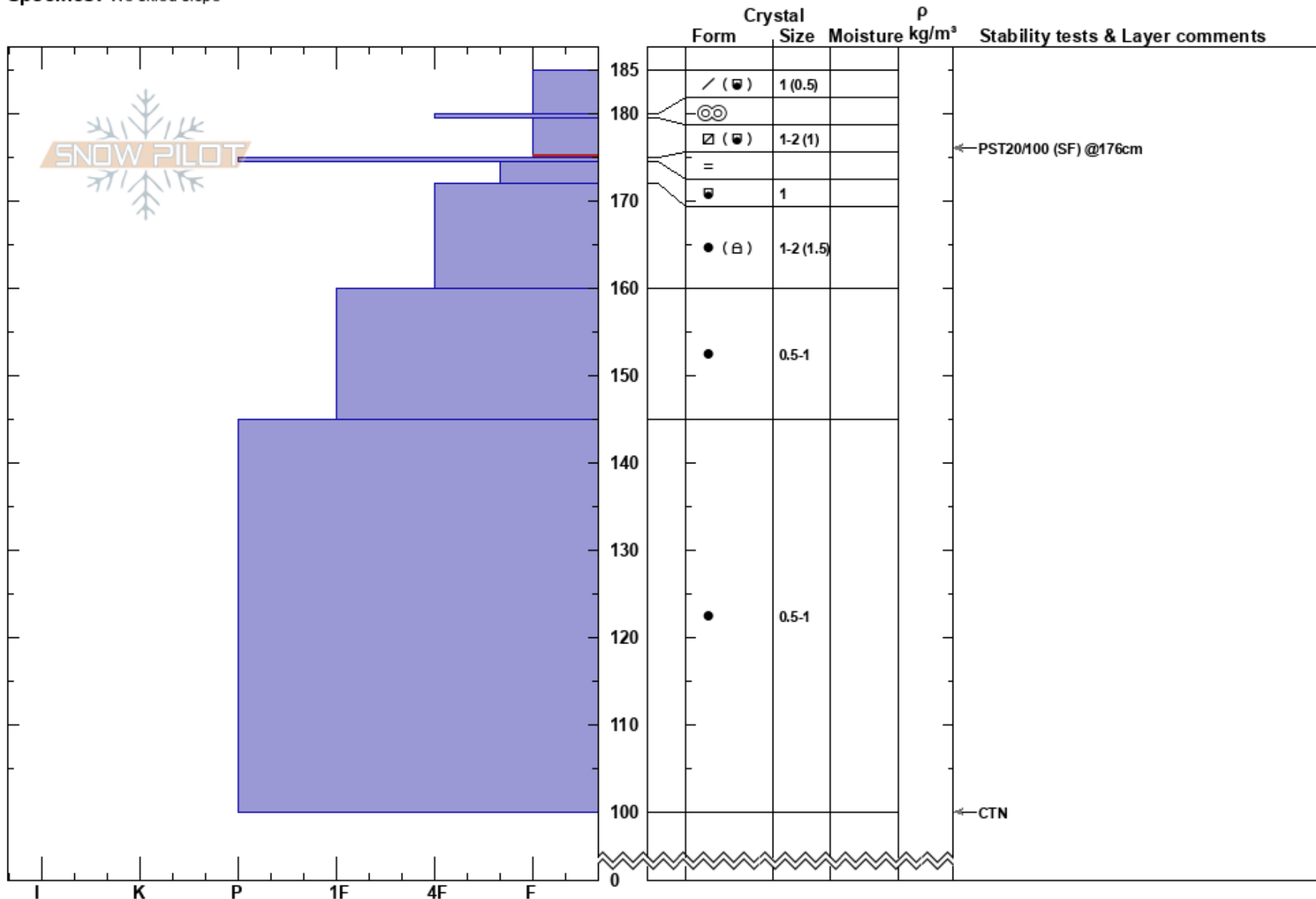


Deep Creek
 Central Sierra
 CA
Elevation: 7325 ft
Aspect: 358°
Specifics: We skied slope

Andy Anderson
 02/20/2022 - 3:15pm
Co-ord: 39.24775N, -120.26058W
Slope Angle: 16°
Wind Loading:

Stability: Very Good
Air Temperature: 2°C
Sky Cover: SCT
Precipitation: NO
Wind: SW Moderate

HS: 185
Layer Notes:
 179.5-175cm: Problematic layer



Notes: We did a loaded PST and a loaded CT. The load was 10cm of snow that we added to the surface and let it sit for 180 minutes. It was 1f in hardness by the time we did the tests. The tests failed at the base of our artificial slab on the current snow surface. In the loaded PST, we targeted the facet layer @ 179.5-175cm. The fracture started to propagate in that layer at a 22cm cut length then quickly stepped up to the interface between the current snow surface and the artificial slab.

Results:

Loaded (+10cm 1f slab added) PST 22/100 END started @ 176cm then the fracture stepped up to 185 cm.

Loaded (+10cm 1f slab added) CT 1 SC @ 185cm.