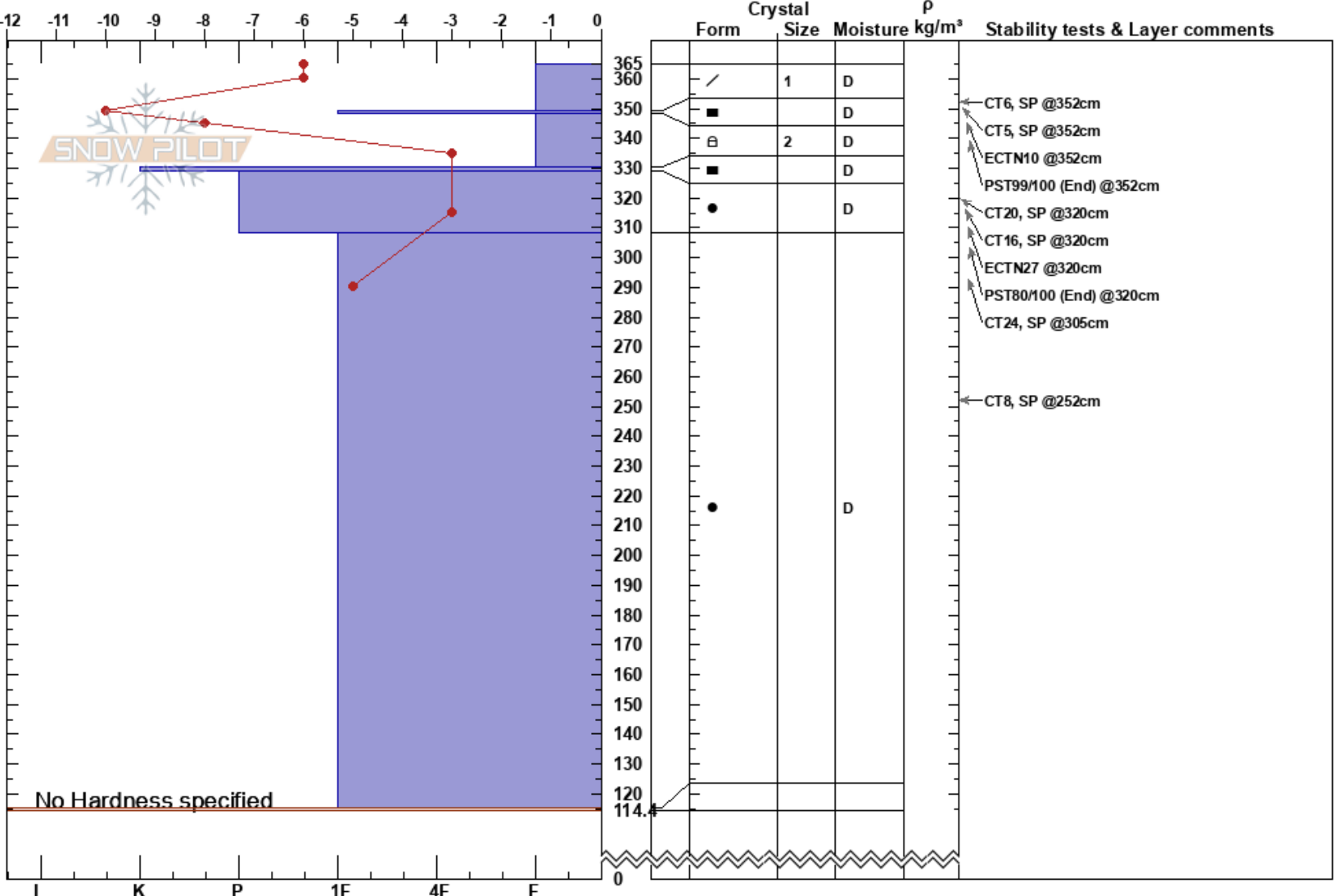


E Shoulder Castle Peak
Sierra Nevada
CA
Elevation: 8501 ft
Aspect: 315°
Specifics:

Andrew McBee
03/08/2022 - 11:45am
Co-ord: 39.36426N, -120.33929W
Slope Angle: 30°
Wind Loading:

Stability:
Air Temperature: -5°C
Sky Cover: FEW
Precipitation: NO
Wind: NE Light Breeze

HS: 365
PS: 20
349-348cm: Problematic layer
348-330cm: Weak Faceted Layer



Notes: Today we toured below the south face of Castle Peak and over looker's right shoulder to monitor snowpack conditions on the North Bowl. This marked the final day of an NASTC AVY 2 Course, our group consisted of 9 students and 2 instructors, and our goal was focused on collaboratively collecting forecaster level data from three separate snowpits on the same elevation and aspect.

Our tour began around 8:15am, skies were slightly cloudy, with cold, dry winds prevailing out of the E and NE, gusting to ~ 25mph. Snow conditions on the skin up were firm with minimal ski penetration. Warming occurred throughout the day, and skies cleared making for a warmed midday ski back down skin track on softer snow.

The group's 3 individual snow pit observations targeted weak layers on a NW aspect slope. CT, ECT and Propagation Saw Tests were run to test weak layers in. Height of the snow was considerably deep in this zone. There was evidence of scouring and wind slabs on and above the primary North Bowl from previous days' blustery east winds.