

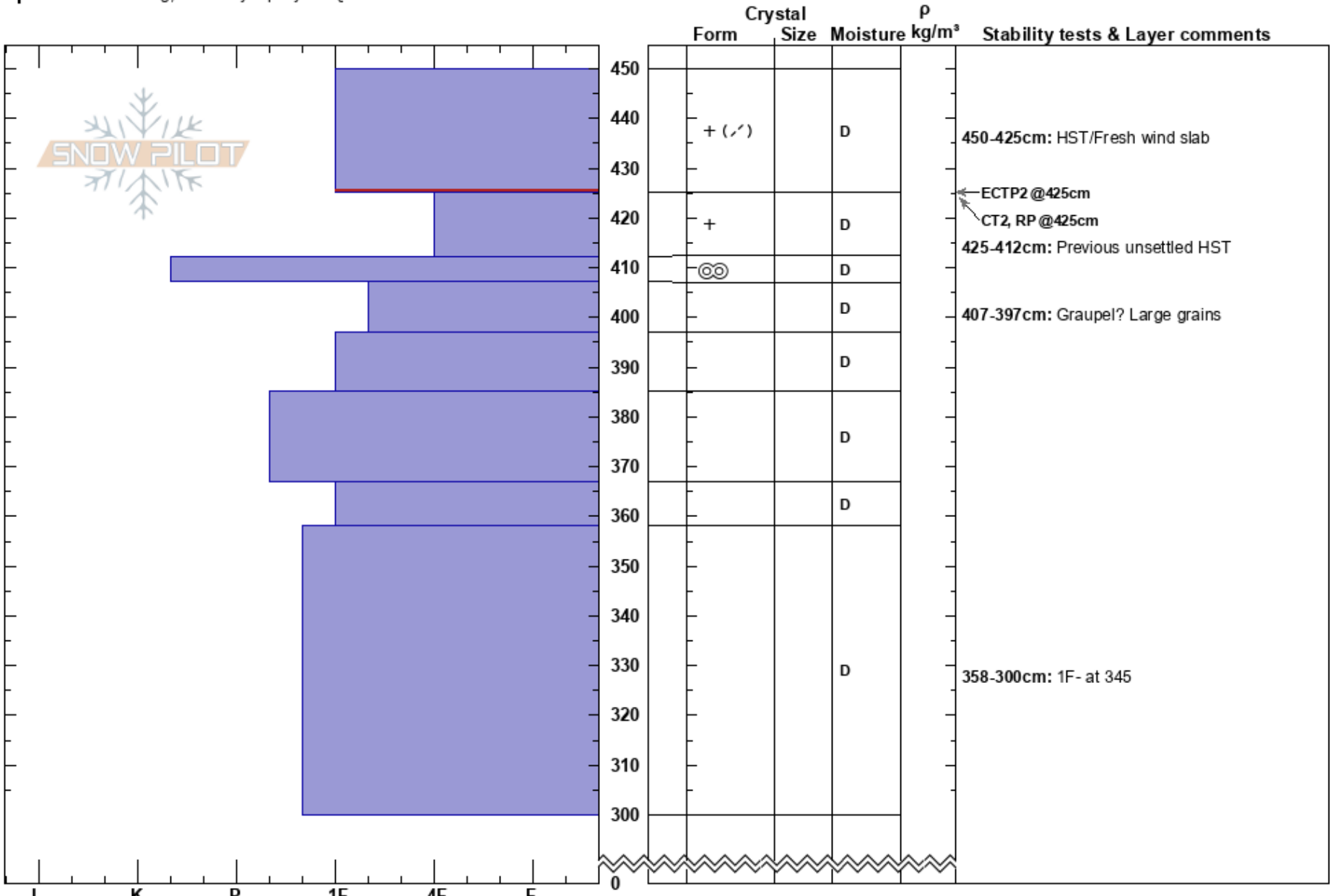
Fish Creek Knob, storm
Coast Range
AK
Elevation: 2300 ft
Aspect: N
Specifics: Cracking; Instability rapidly rising

Peter Nave
04/08/2021 - 5:00pm
Co-ord: 58.27493N, -134.53119W
Slope Angle:
Wind Loading: yes

Stability: Poor
Air Temperature:
Sky Cover: OVC
Precipitation: S1
Wind: SE Strong

HS:450
PF:55
PS: 20

Layer Notes:
450-425cm: HST/Fresh wind slab
450-425cm: Problematic layer
425-412cm: Previous unsettled HST
407-397cm: Graupel? Large grains
358-300cm: 1F- at 345



Notes: Winds were strong from the E and SE, but 50ft over, they were strong W winds due to the 'local' effect. This created a somewhat complex loading pattern. Dug in a wind-loaded spot, lee to SE winds. Approaching the pit site, hand shears were releasing easily and on isolation, but not at the base of the HST as in the pit tests, instead at the base of the low density previous HST on the crust. I would judge there was 10-15cms of HST before it was redistributed by wind. Nearby ski cuts on small directly lee features released small slabs of HST and cracking.