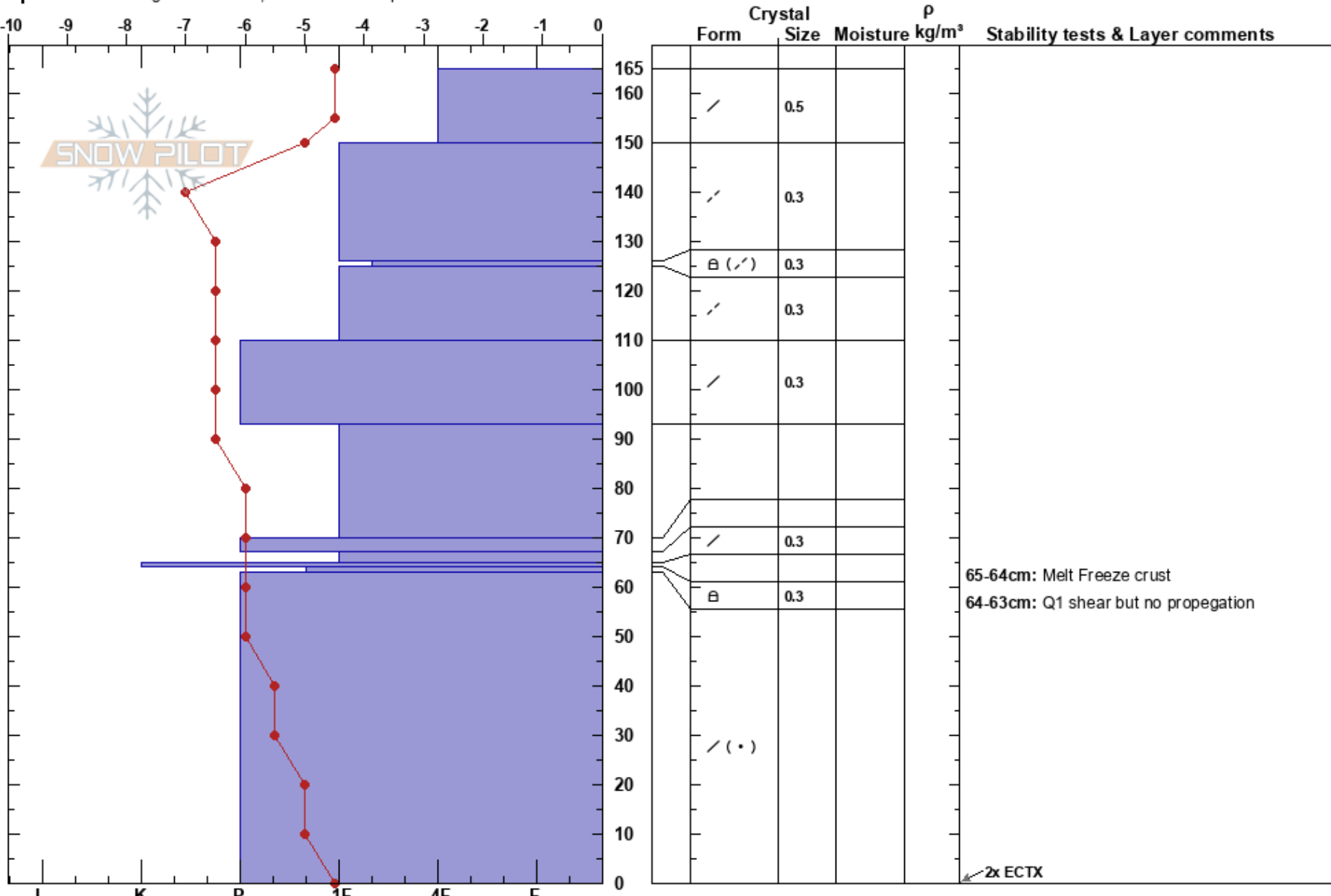


Diamond Bowl Right Top
 Mt. Hood
 OR
 Elevation: 6660 ft
 Aspect: NE
 Specifics: Pit dug in a Ski Area; Ski tracks on slope

Asa Mueller
 03/13/2019 - 1:15pm
 Co-ord: 45.34788N, -121.67358W
 Slope Angle: 32°
 Wind Loading: yes

Stability:
 Air Temperature: -3.5°C
 Sky Cover: SCT
 Precipitation: NO
 Wind: Calm

HS:165
 PF:38
 Layer Notes:
 65-64cm: Melt Freeze crust
 64-63cm: Q1 shear but no propagation
 64-63cm: Problematic layer



Notes: Snow Pit for Pro 1 AAI course. Diamond Bowl skiers right side near the top. Post control pit no slides noted on slope. Down canyon (and variable) winds had deposited some side loading. An avalanche in Upper Elevator at a slightly higher elevation had slid with use of explosives approximately 1+ feet deep earlier in the day on a control route. No significant results on stability testing. I did find a Q1 shear just below the melt freeze crust around 65cm from bottom of pit while doing a shear test (while removing an ECT that had no results). This was my layer of concern given the depth and likelihood that the ECT was not effecting it.