

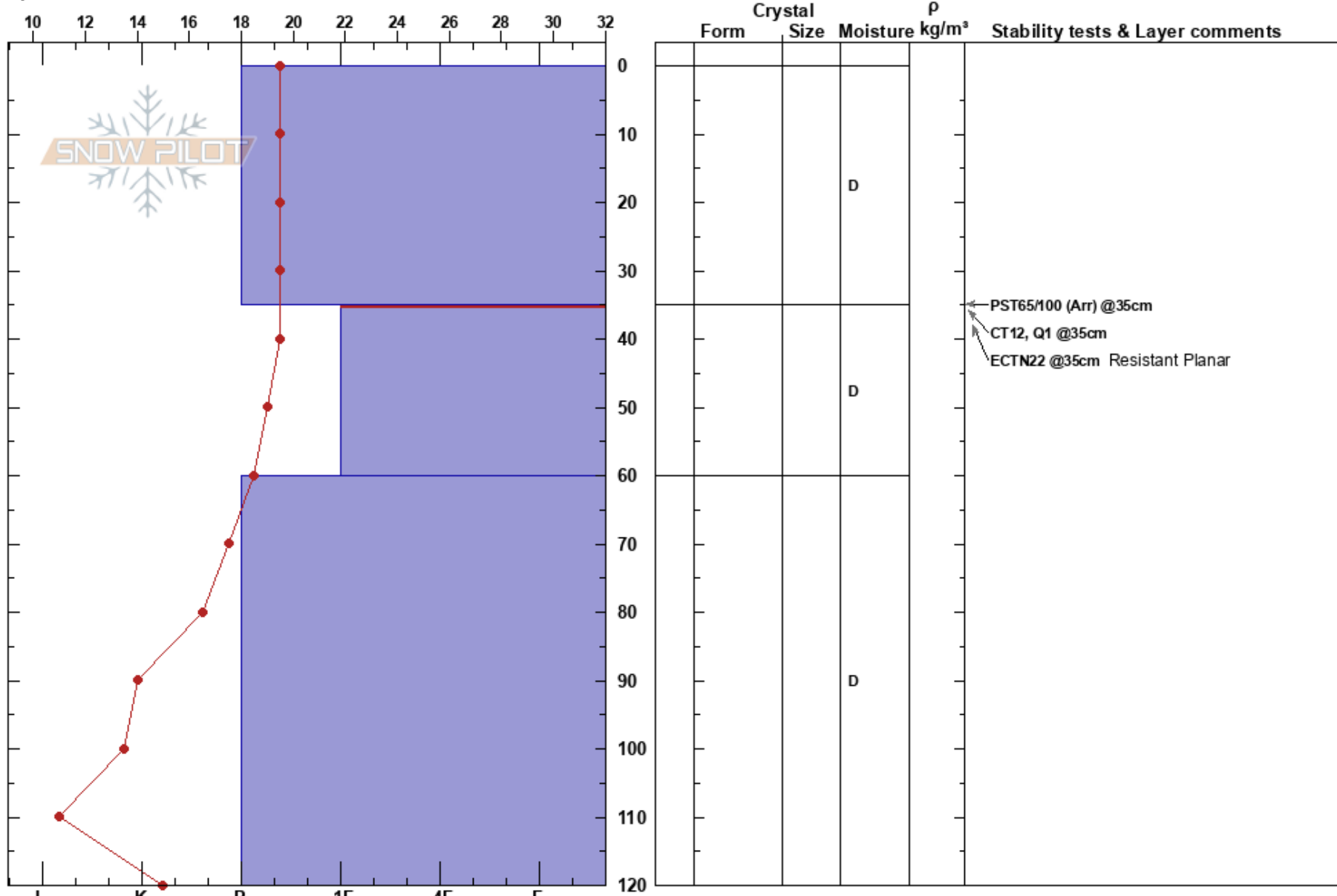
Green Butte - ATL
 Mt. Shasta
 CA
 Elevation: 9000 ft
 Aspect: 45°

Nick Meyers
 01/12/2017 - 2:30pm
 Co-ord: 41.37191N, -122.20582W
 Slope Angle: 35°
 Wind Loading: previous

Stability: Good
 Air Temperature: 16°F
 Sky Cover: CLR
 Precipitation: NO
 Wind: NE Moderate

HS: 120
 PF: 5
 Layer Notes: 35-60cm: Problematic layer

Specifics: Pit is adjacent to avalanche: flank; Recent avalanche activity on similar slopes



Notes: First above treeline observation/pit since atmospheric river event/January storm cycle. Overall snow surface very smooth with isolated sastrugi wind erosional features. Fairly uniform surface hardness, soft mostly with hard slabs and packed powder throughout terrain. Skiers and snowmobilers riding similar slopes. Windy, NE, blowing snow onto westerly slopes. Chilly today but sunny! Unknown total height of snow, couldn't hit ground! A lot of wind loading but no recent avalanches. Observations and tests looking at wind slab stability. Danger perceived as moderate. Moderate to hard resistant planar fractures 35cm down at density break in hard wind slab. Full slope propagation unlikely unless perhaps multiple riders on slope at a time.