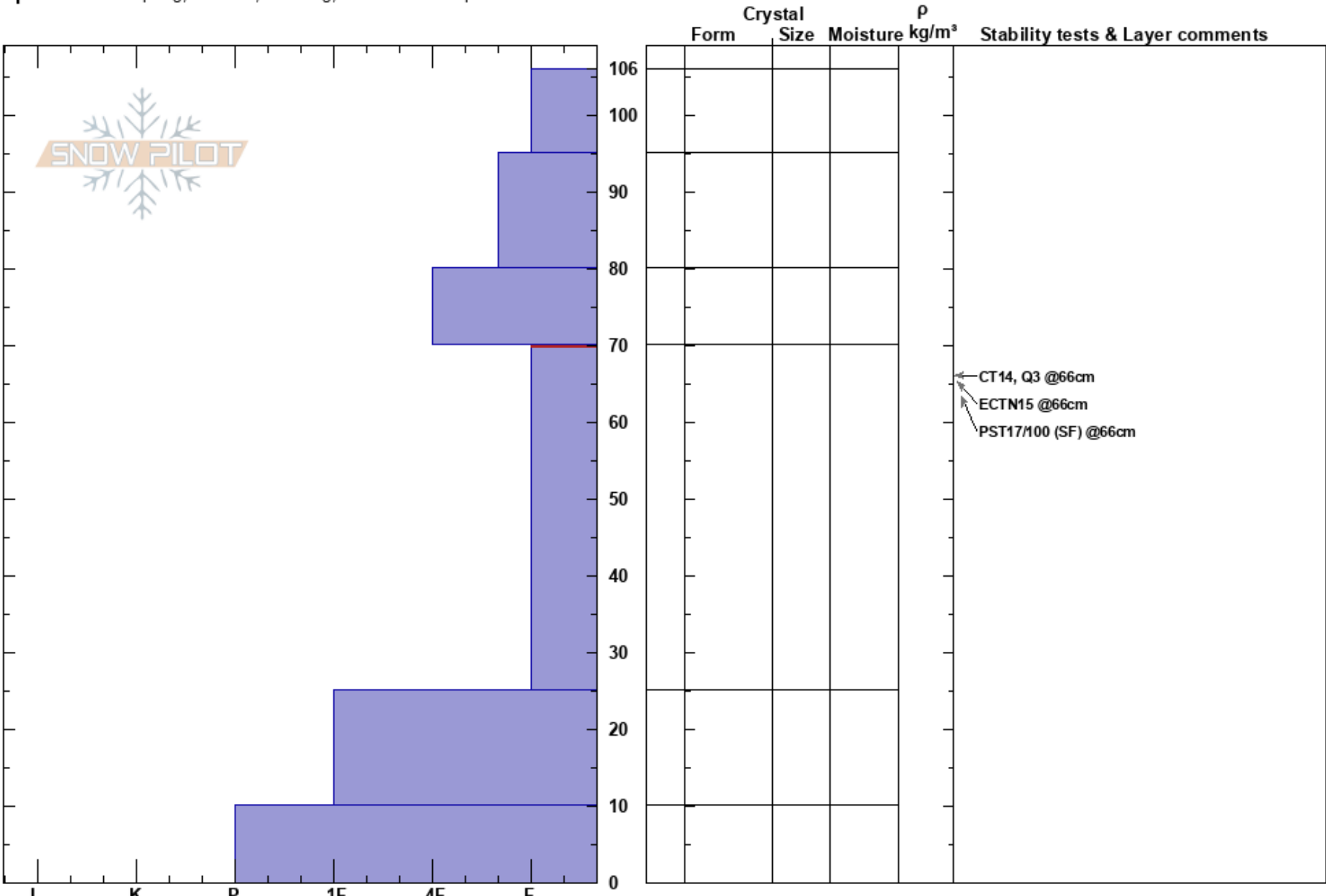


Mt Ellis Top of Bum
 Gallatin Range-N
 MT
Elevation: 8320 ft
Aspect: 58°
Specifics: Collapsing, localized; Cracking; Ski tracks on slope

Chris Bilbrey
 02/02/2017 - 12:15pm
Co-ord: 45.57759N, -110.95518W
Slope Angle: 30°
Wind Loading: no

Stability: Fair Stable **HS:** 106 **Layer Notes:**
Air Temperature: -18.5°C **PF:** 106 70-25cm: Problematic layer
Sky Cover: BKN
Precipitation: NO
Wind: W Light Breeze



Notes: Approx 20 hits before depth hoar began to sluff away below shovel. After digging pit, we traversed skier's right approx 50 feet and experienced a collapse and cracking of the new snow slab sitting on top of a buried surface hoar layer. No surface hoar noted in the pit we dug at this exact location. We observed ECTP 11 and ECTP 6 on the buried surface hoar layer at the location of the collapse and cracking. We descended down the ridge to the lower angle terrain skier's right of the burn area.