Mt Ellis Top of Bum Chris Bilbrey Gallatin Range-N

02/02/2017 - 12:15pm

Co-ord: 45.57759N, -110.95518W MΤ

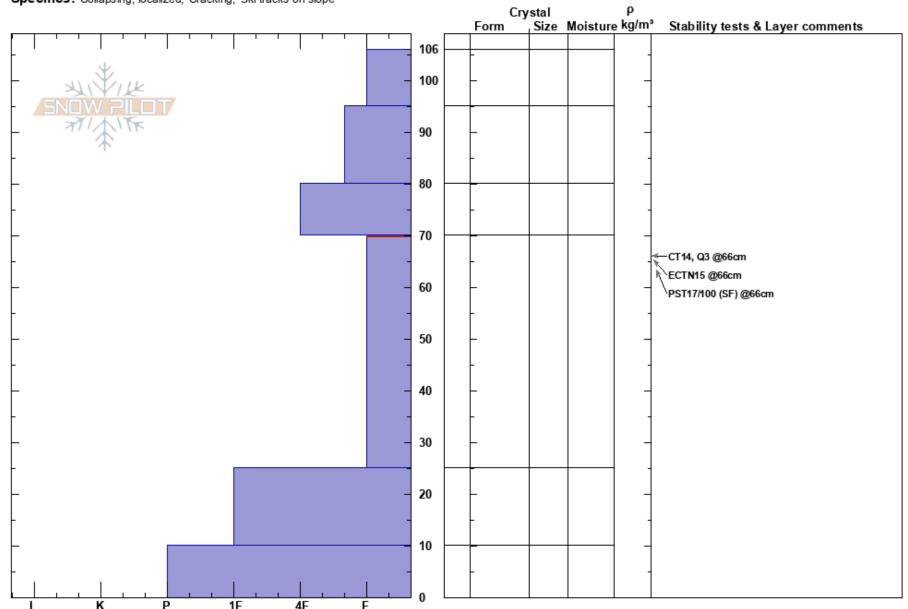
Elevation: 8320 ft Slope Angle: 30° Aspect: 58° Wind Loading: no

Specifics: Collapsing, localized; Cracking; Ski tracks on slope

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.