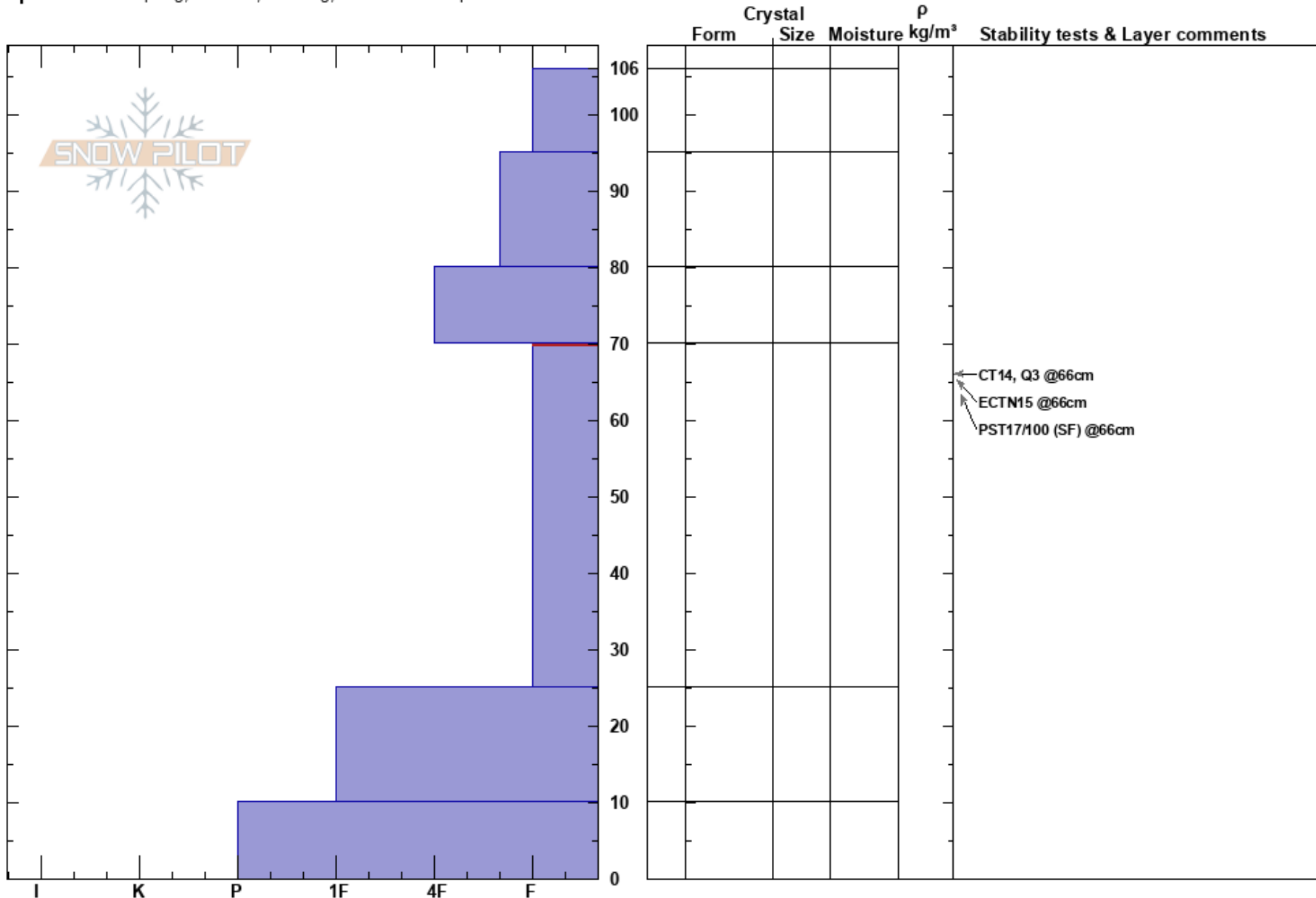


Mt Ellis Top of Bum  
 Gallatin Range-N  
 MT  
**Elevation:** 8320 ft  
**Aspect:** 58°  
**Specifics:** Collapsing, localized; Cracking; Ski tracks on slope

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



← CT14, Q3 @66cm  
 ← ECTN15 @66cm  
 ← PST17/100 (SF) @66cm

**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.