

Snow Pit Profile

Scotch Bonnet

Beartooth, MT

Elevation (ft) 10000

Aspect: 135

Observer: Doug Chabot

Mon Jan 03 10:40:00 MST 2011

Co-ord: 45.0705 N 109.94370 W

Slope: 30

Wind loading: no

Stability on similar slopes: Good

Air Temperature: C

Sky Cover: Clear

Precipitation: None

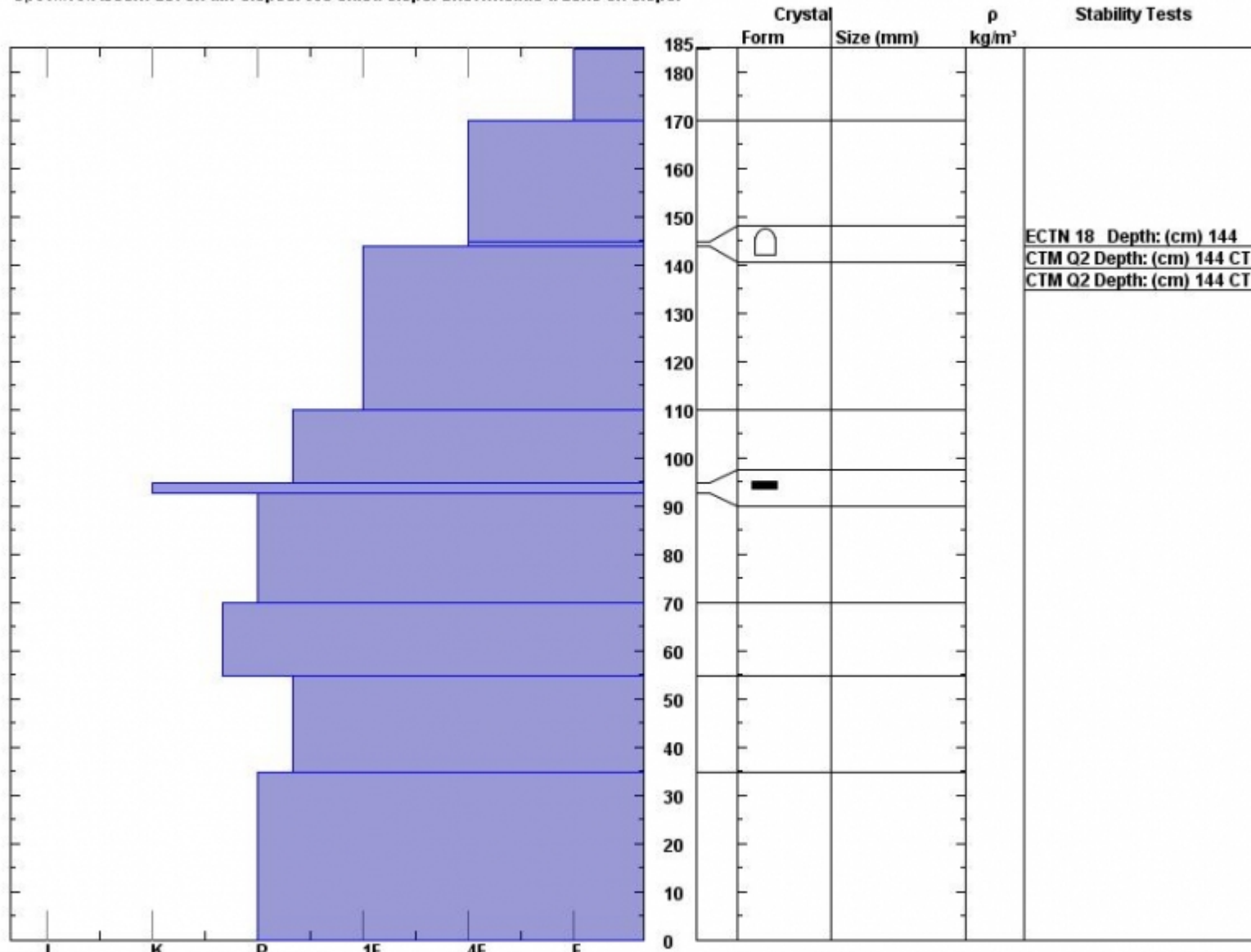
Wind: Calm

Stability Test Notes:

Layer notes:

144-145: F

Specifics: Recent act on diff slopes. We skied slope. Snowmobile tracks on slope.



Notes: I was surprised at how stable the snow was. The only breaks were on the mixed facets at 145. These are clearly strengthening and not a problem. A pocket pulled out on an adjacent slope, but only the new snow slid.

This snowpit was dug in an area that produced clean, propagating shears December 21. Now things are looking much better. There are no layers in this snowpack that concern me. The only stability issues are on slopes with a recent wind-load. Check out the next photo "lulu pass wind slab" to see what we mean. Photo: GNFAC

Advisory Region
Cooke City

Forecast link: [GNFAC Avalanche Advisory for Tue Jan 4, 2011](#)[GNFAC Avalanche Forecast for Wed Jan 5,](#)

[2011](#)

Cooke City, 2011-01-03