190211 Coon Hill Crown Vail/Summit County

CO

Ryan Zarter 02/11/2019 - 12:00pm

Co-ord: 39.69194N, -105.93669W

Elevation: 12296 ft Slope Angle: 30° Aspect: S Wind Loading: yes

Specifics: Pit is adjacent to avalanche: crown;

Stability:

Air Temperature: -15°C Sky Cover: OVC Precipitation: S-1

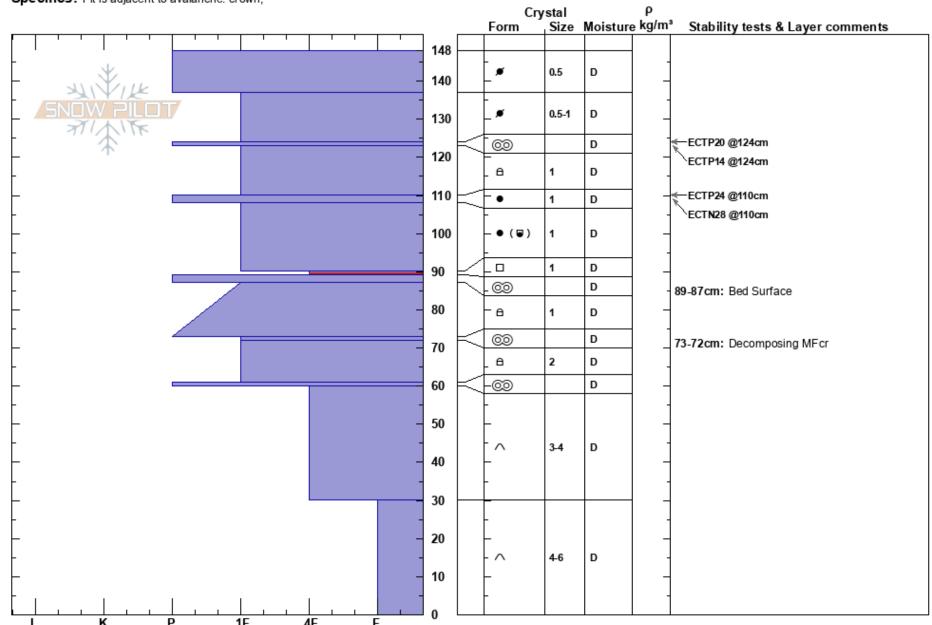
Wind: SW Moderate

90-89cm: Problematic layer 89-87cm: Bed Surface

Layer Notes:

HS: 148

73-72cm: Decomposing MFcr



Notes: Average crown height 60cm; Max 80cm, Min 30cm. Avalanche failed on a layer of 1mm FCsf immediately above a MFcr 89cm up from the ground.

Avalanche propagated approximately 450 feet wide and ran approximately 350 vertical feet.

Slope angle increased from 30 degrees at the crown to 36 degrees as the slope rolled over.

Debris was measured up to 320cm deep.