

# Republic Mtn Profile - 31 Jan

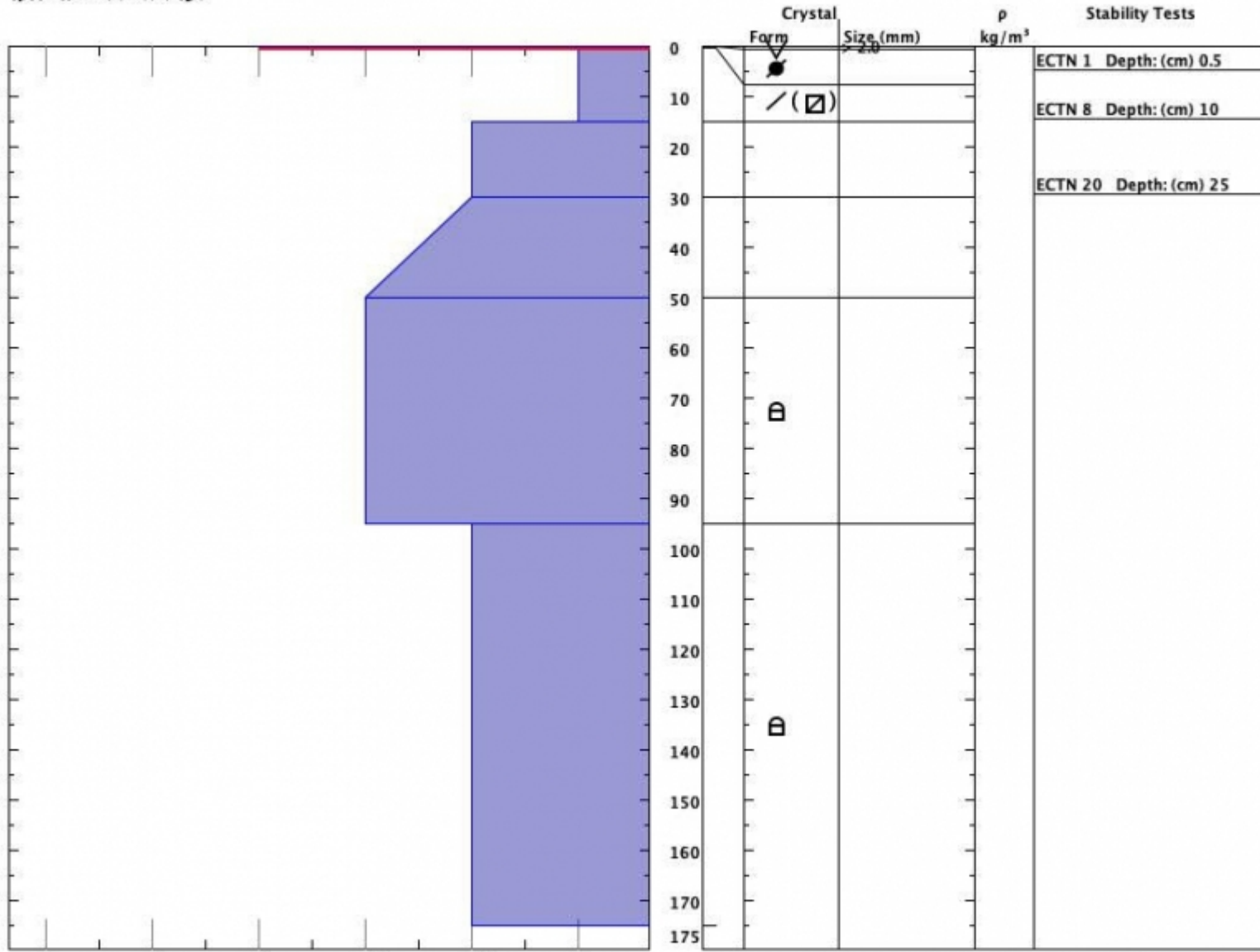
**Snow Pit Profile**

Republic Mtn  
 ,MT  
 Elevation (m) 9470  
 Aspect: 90  
 Specifics: We skidded slope.

Observer: Gary Kuehn  
 Thu Jan 31 13:30:00 MST 2019  
 Co-ord: 45.00523 N -109.94467 W  
 Slope: 21  
 Wind loading: previous

Stability on similar slopes: Good  
 Air Temperature: C  
 Sky Cover: sky 8/8 covered  
 Precipitation: Snow < 0.5 cm/hr  
 Wind: E Light Breeze

PF10 H5175  
 Stability Test Notes:  
 0.5: next day SH was 2-6mm  
 95-175: by



Notes: PB 30 cm; SH 2-3mm; previous wind load from W; cloud base ~9800' and from obs this day and next rime occurred from E1/4; next day 1st feb: SH was preserved, now 3-6mm and made existing skin track difficult. Expect/hope winds and warm temps night 1st and 2nd redistributed SH

Advisory Region  
 Cooke City  
 Cooke City, 2019-02-04