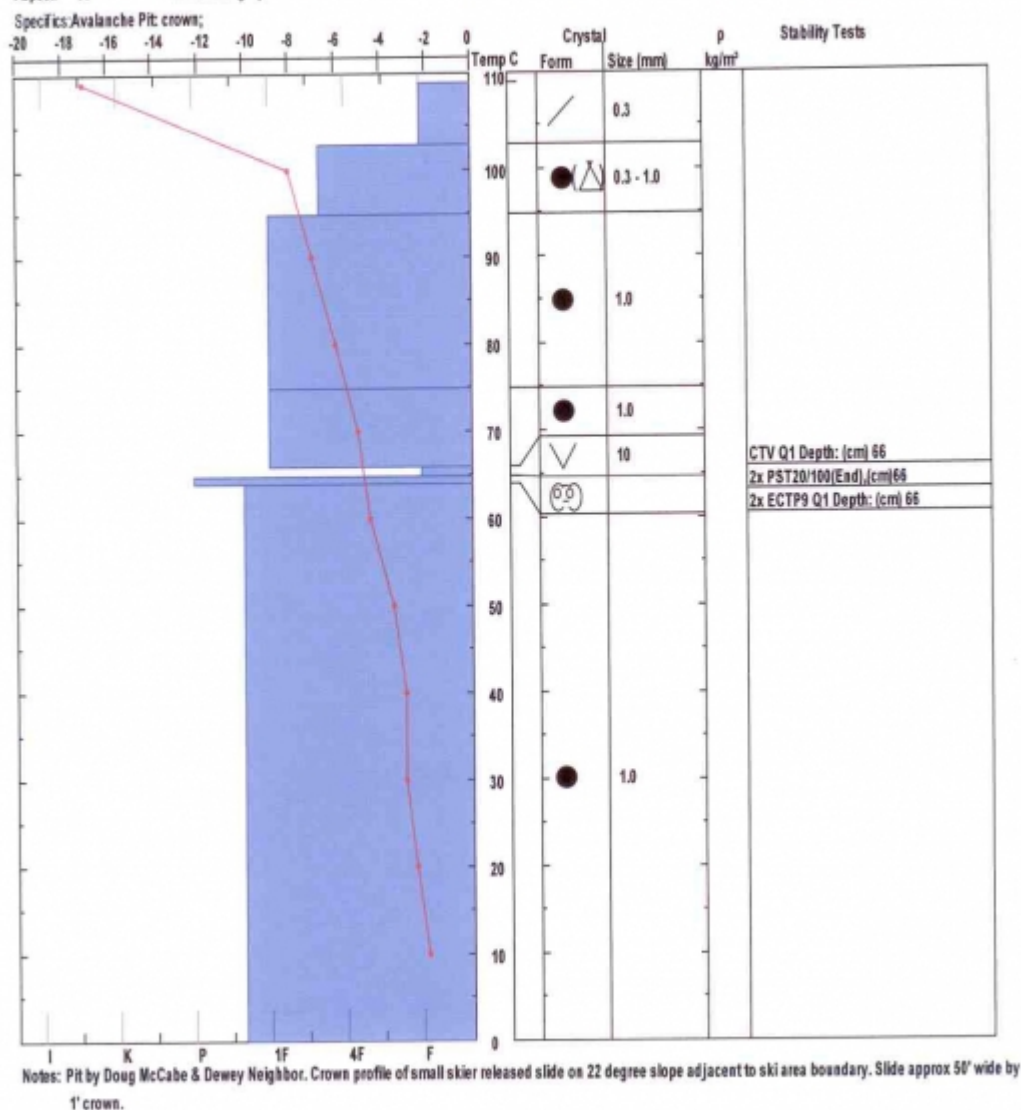


Snow Pit Profile: YC South Study Plot  
 Observer: YC Ski Patrol  
 Madison, MT  
 Elevation (ft): 9080  
 Aspect: 80  
 Co-ord: N W  
 Slope: 22  
 Wind loading: previous  
 Stability on similar slopes: Fair  
 Air Temperature: -13 C  
 Sky Coversky 4/8 to 8/8 covered  
 Precipitation: None  
 Wind: Calm  
 Stability Test Notes:  
 Layer notes:  
 65-66: Problematic Layer



This snowpit is from a skier triggered avalanche near Big Sky on a 22 degree slope. The snowpack is mostly strong dense snow except for a very weak layer of surface hoar sitting on top of a crust about 17 inches down. Pit image: YC Ski Patrol

Advisory Region  
 Northern Madison

**Forecast link:** [GNFAC Avalanche Advisory for Fri Dec 17, 2010](#)[GNFAC Avalanche Advisory for Sat Dec 18,](#)

[2010](#)

Northern Madison, 2010-12-16