

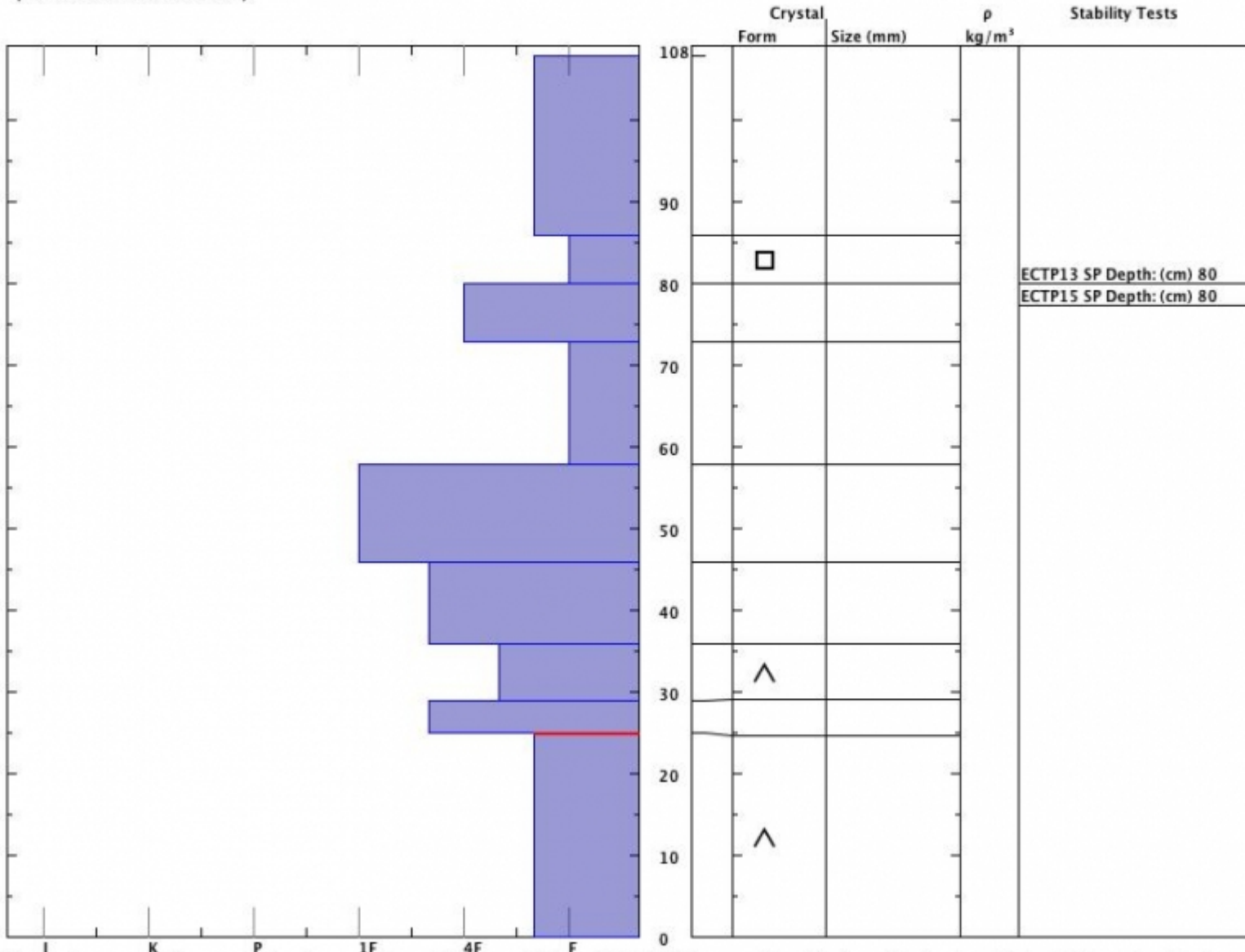
Snow Pit Profile  
**Taylor Fork/Sage Basin**  
**S. Madison, MT**  
 Elevation (ft) **9600**  
 Aspect:  
 Specifics: **Avalanche Pit: crown;**

Observer: **Alex Marienthal**  
**Wed Feb 17 11:12:00 MST 2016**  
 Co-ord: **N W**  
 Slope:  
 Wind loading: **yes**

Stability on similar slopes: **Fair**  
 Air Temperature: **C**  
 Sky Cover: **sky 4/8 to 8/8 covered**  
 Precipitation: **None**  
 Wind: **SW Moderate**

Stability Test Notes:

Layer notes:  
**80-86: Like**  
**0-25: Probl**  
**Avalanche**



Notes: Crown profile from avalanche that was triggered by snowmobiler on 2/14/16. This type of instability is getting harder to find and trigger, but this shows that it is still possible. Likely areas to trigger an avalanche on the basal depth hoar are where the snowpack is shallower and/or wind loaded. Facets/surface hoar near the surface are also showing instability and are more likely to trigger than the depth hoar.

Advisory Region  
 Southern Madison  
 Southern Madison, 2016-02-17