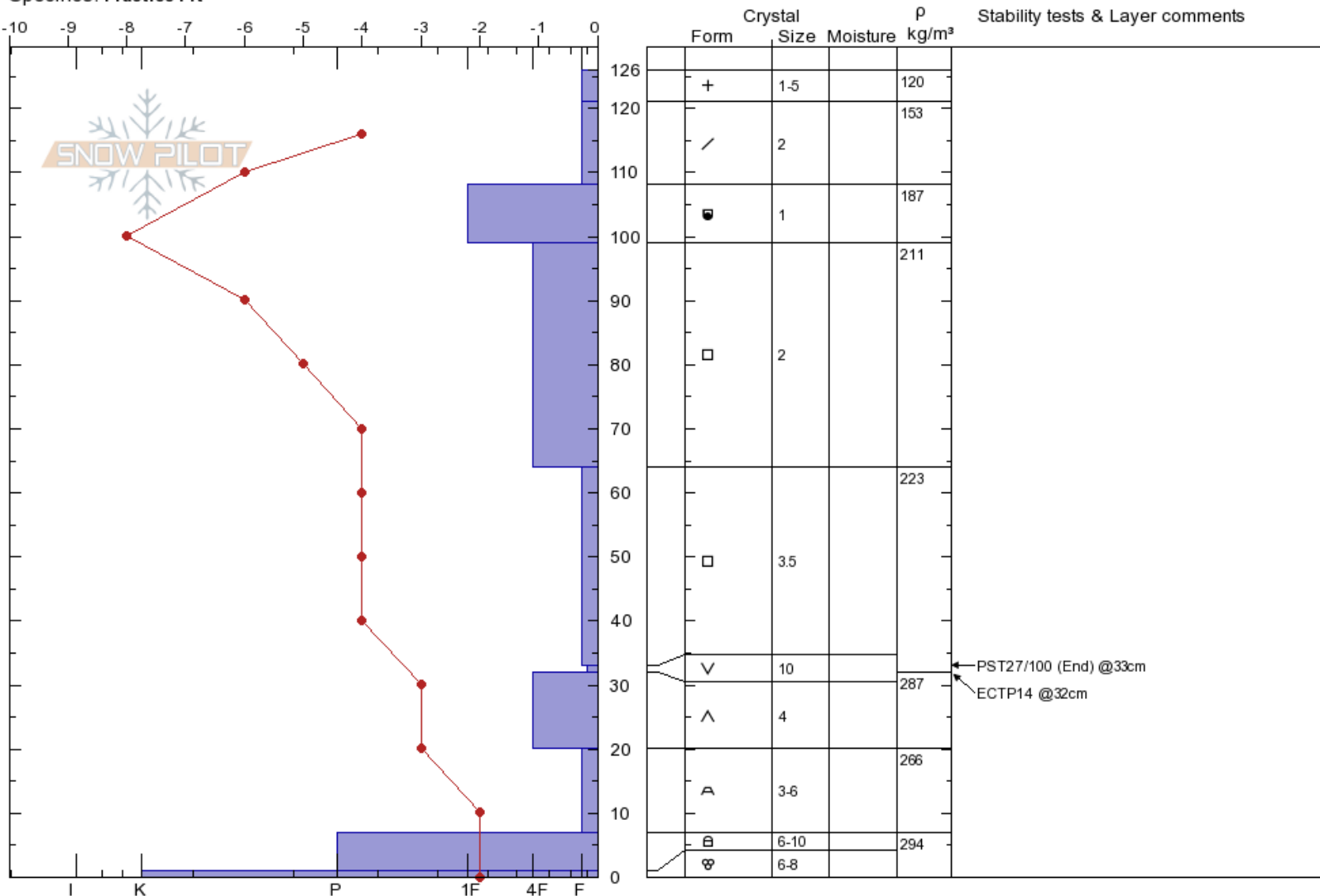


**GBenel\_SAO264 PracPit**  
**Vail/Summit County** 12/14/2018 - 3:00pm  
**CO**  
 Elevation: **10241 ft**  
 Aspect: **90°**  
 Specifics: **Practice Pit**

Stability:  
 Air Temperature: **-2°C**  
 Sky Cover: **OVC**  
 Precipitation: **S1**  
 Wind: **W Light Breeze**

HS: **126** Layer Notes:



Notes: NOTES MAY BE CUT OFF BELOW! - SEE SUBMITTED ASSIGNMENT FOR FULL NOTES!

**Approximate time of year:** Knowing that this pit was dug on the same day as pit 1, we can make some assumptions. The moderate HS of 126cm points to an earlier time of the season in this zone of CO. There is also not much snow over a mostly faceted snowpack, which could be the result of most of the early season snow being exposed to a large temperature gradient and not much snow since then to cover that up.

**Approximate time of day:** This snowpit was dug later in the day than snowpit 1. We can see the effects of short wave radiation affecting the upper 30cm's of the snowpack, with the classic "tail of the dog" wagging towards warmer temps. Also, there is new snow present in this snowpit that was not recorded in pit 1. With only very light winds in both locations on this day, we would have seen that snow in pit 1 if it had been dug after pit 2. That we see that new snow in pit 2 points to pit 2 being dug later than pit 1.

**Estimated Aspect:** This snowpit shows a deeper HS than pit 1, so it is less likely to have been stripped of snow by wind early in the season. The 1F slab 30cm's down from the surface could be from wind deposited snow that then rounded.

**Also, the early season snow that came stuck around, leading to the deeper HS, versus the snow in pit 1 which maybe also could have melted away. The hard ice layer at the base of this pit shows that the area had a melt freeze cycle early in the season from strong sun exposure.**

**Elevation:** The elevation is given as 10,241' which is BTL in this zone.