

Upper A-zs mid D  
Madison Range-N  
MT

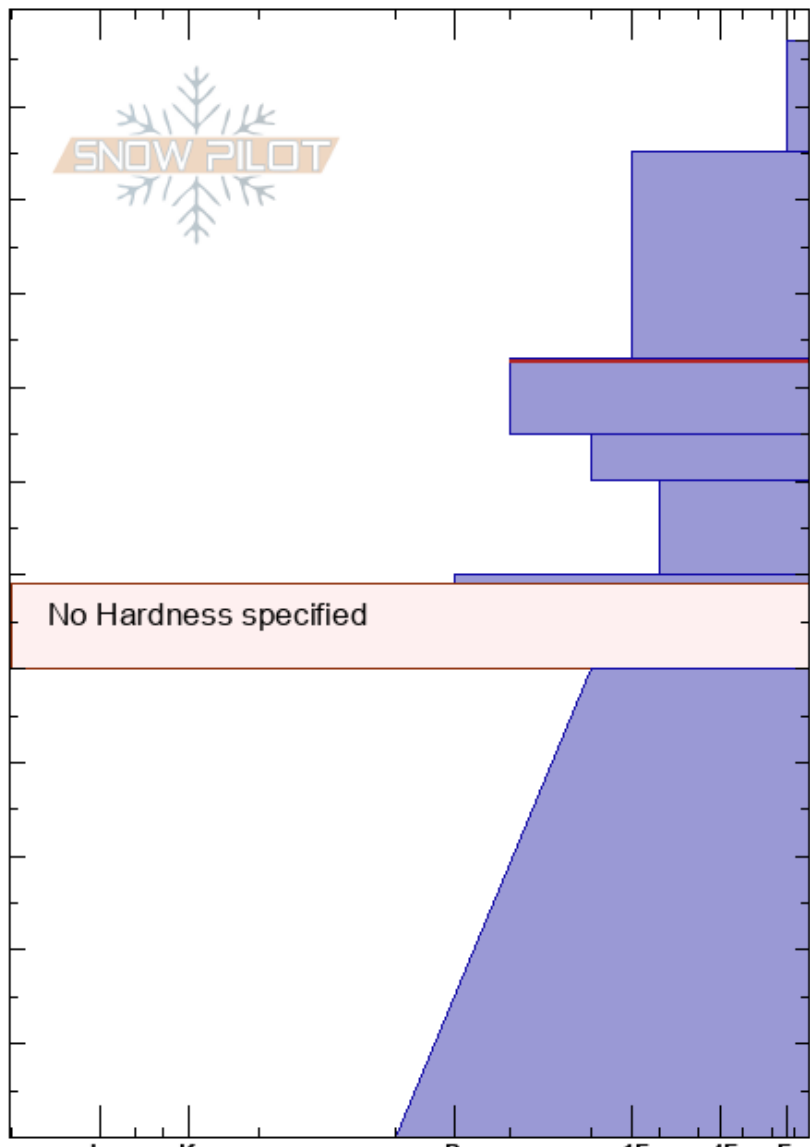
Leigh Frye  
03/03/2019 - 10:00am  
Co-ord: 45.28238N, -111.44668W  
Slope Angle: 37°  
Wind Loading:

Stability: **HS:117**  
Air Temperature: -17°C  
Sky Cover: CLR  
Precipitation: NO  
Wind: Calm

Layer Notes:  
83-75cm: thin layer of 1mm V on top  
83-75cm: Problematic layer

Elevation: 10000 ft  
Aspect: 115°

Specifics: Pit dug in a Ski Area; Ski tracks on slope



| Depth (cm) | Crystal |       | Moisture | $\rho$ kg/m <sup>3</sup> | Stability tests & Layer comments                            |
|------------|---------|-------|----------|--------------------------|---|
|            | Form    | Size  |          |                          |   |
| 117        |         |       |          |                          |   |
| 110        | + ( / ) | 1     |          |                          | ← ECTN10 @110cm PC  |
| 100        | /       | 0.5-1 |          |                          |   |
| 90         |         |       |          |                          |   |
| 80         | • ( V ) | 1     |          |                          | ← STE @83cm<br>← ECTN12 @83cm RP Q2<br>← ECTP16 @83cm Q2 PC |
| 70         | ⊖       | 1-1.5 |          |                          | ← ECTN24 @73cm Q3   |
| 60         | □ ( ⊖ ) | 1.5-2 |          |                          |   |
| 50         | □ ⊖     |       |          |                          | ← STM @65cm   |
| 40         |         |       |          |                          |   |
| 30         |         |       |          |                          |   |
| 20         | ⊖       | 1-1.5 |          |                          |   |
| 10         |         |       |          |                          |   |
| 0          |         |       |          |                          |   |

Notes: suspect strong surface TG with cold temps and intense solar, RRC