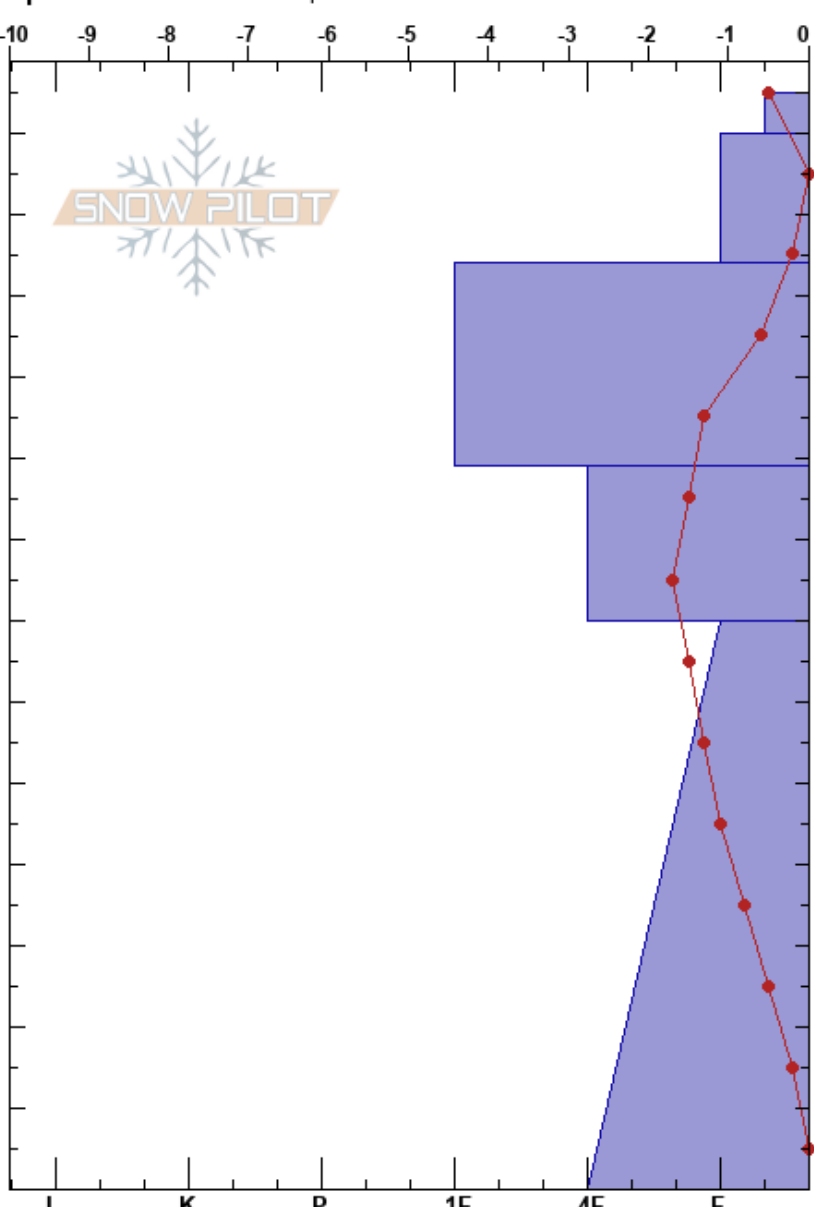


lab 4  
 Bridger Range  
 MT  
 Elevation: 2340 m  
 Aspect: 45°  
 Specifics: Ski tracks on slope

Weston Boardman  
 02/10/2017 - 2:00pm  
 Co-ord: 45.82657N, -110.92345W  
 Slope Angle: 30°  
 Wind Loading:

Stability: **HS: 135**  
 Air Temperature: -0.5°C PF: 88  
 Sky Cover: OVC  
 Precipitation: NO  
 Wind:

Layer Notes:  
 135-130cm: SWE: 7 mm  
 130-114cm: SWE: 19.2 mm  
 114-89cm: SWE: 55 mm  
 89-70cm: SWE: 39.9 mm  
 70-0cm: SWE: 164.5 mm



| Form | Crystal |  | Moisture | $\rho$<br>kg/m <sup>3</sup> | Stability tests & Layer comments   |
|------|---------|--|----------|-----------------------------|--|
|      | Size    |  |          |                             |  |
|      |         |  |          |                             |  |
| ∞    | 1       |  | D        | 140                         | 135-130cm: SWE: 7 mm   |
| /    | 1       |  | M        | 120                         | 130-114cm: SWE: 19.2 mm  |
|      |         |  |          | 220                         |  |
| •    | 0.5-1   |  | D        |                             | 114-89cm: SWE: 55 mm<br>← SB50, Q2 @98cm<br>← SB30, Q2 @95cm<br>← ECTN17 @94cm Q2      |
| ⊖    | 1-2     |  | D        | 210                         | 89-70cm: SWE: 39.9 mm  |
|      |         |  |          | 230                         |  |
|      |         |  |          |                             | ← PST20/100 (End) @55cm Q1<br>← PST60/100 (End) @54cm Q2<br>← PST33/100 (End) @45cm Q2 |
| □    | 1-3     |  | D        |                             | 70-0cm: SWE: 164.5 mm  |
|      |         |  |          | 240                         |  |
|      |         |  |          |                             | ← ECTX   |

**Notes:** When PST's were performed we had dug back further than the original pit wall to a shallower area so the results do not line up well with snow profile. Ski penetration was 14.5 cm.