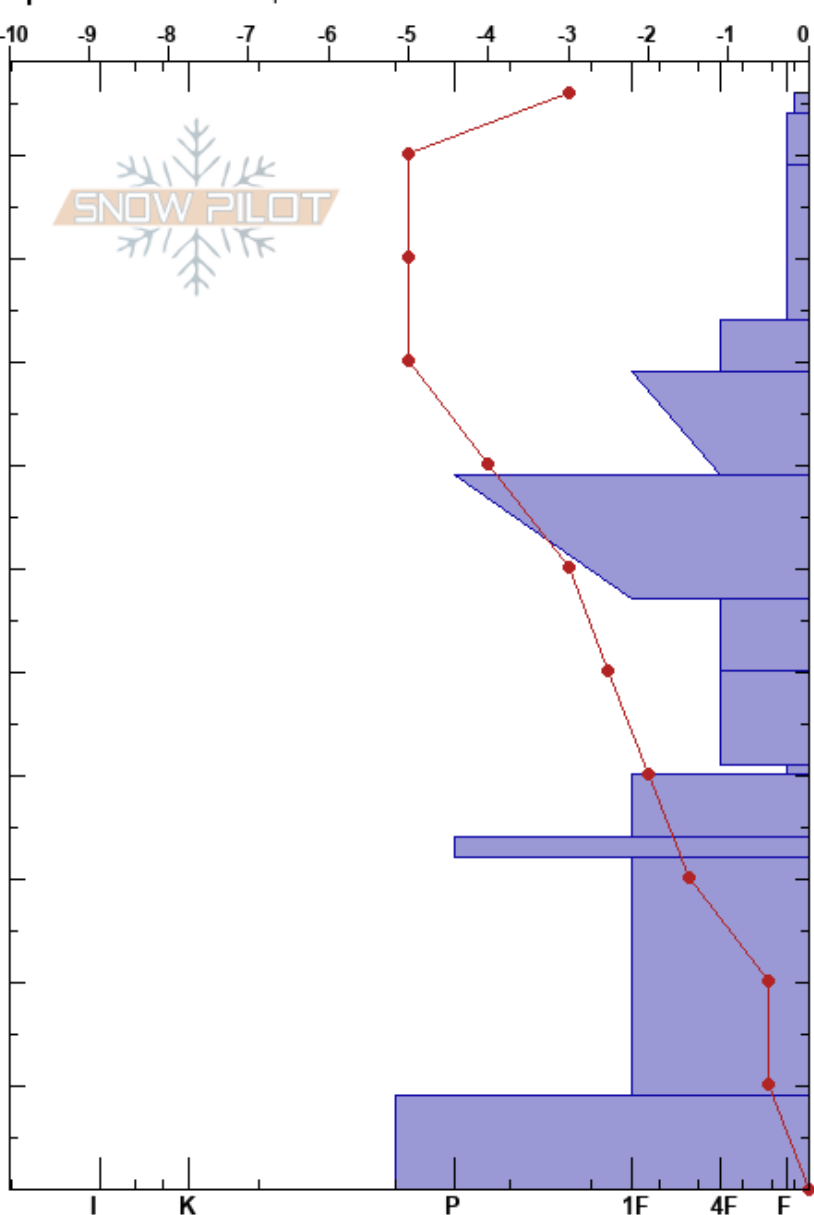


Broken Leg Snow Study  
 Swan Range  
 MT  
**Elevation:** 6000 ft  
**Aspect:** 315°  
**Specifics:** We skied slope

christopher gotschalk  
 12/14/2022 - 11:00am  
**Co-ord:** 48.09420N, -113.91900W  
**Slope Angle:** 15°  
**Wind Loading:** no

**Stability:**  
**Air Temperature:** -3°C  
**Sky Cover:** OVC  
**Precipitation:** S-1  
**Wind:** N Calm

**HS:** 106  
**Layer Notes:**  
 41-40cm: Problematic layer  
 34-32cm: debris in layer



| Depth (cm) | Crystal |         | Moisture | $\rho$<br>kg/m <sup>3</sup> | Stability tests & Layer comments            |
|------------|---------|---------|----------|-----------------------------|---|
|            | Form    | Size    |          |                             |   |
| 106        | *       |         |          |                             |   |
| 100        | + (*)   |         |          |                             |   |
| 90         | +       |         |          |                             |   |
| 80         | •       |         |          |                             | CT14 @79cm 2 layer fracture<br>ECTN11 @79cm |
| 70         |         |         |          |                             |   |
| 60         |         |         |          |                             |   |
| 50         | ⊖       |         |          |                             |   |
| 40         | ⊖       | 0.5-1.5 |          |                             |   |
| 34-32      | ⊖       |         |          |                             | 34-32cm: debris in layer                    |
| 30         | ⊖       |         |          |                             |   |
| 20         | ⊖       | 0.5-1   |          |                             |   |
| 10         | ■       |         |          |                             |   |

Notes: