

Mitcheys Upper Gully

Tom Smith

Stability:

HS: 100

Layer Notes:

Lizard Range

08/12/2022 - 13:26

Air Temperature:

53-52cm: Weak decomposing

BC

Co-ord: 49.44161N, -115.09511W

Sky Cover:

41-40cm: Failure of Sc, weak decomp

Elevation: 1684 m

Slope Angle: 42°

Precipitation:

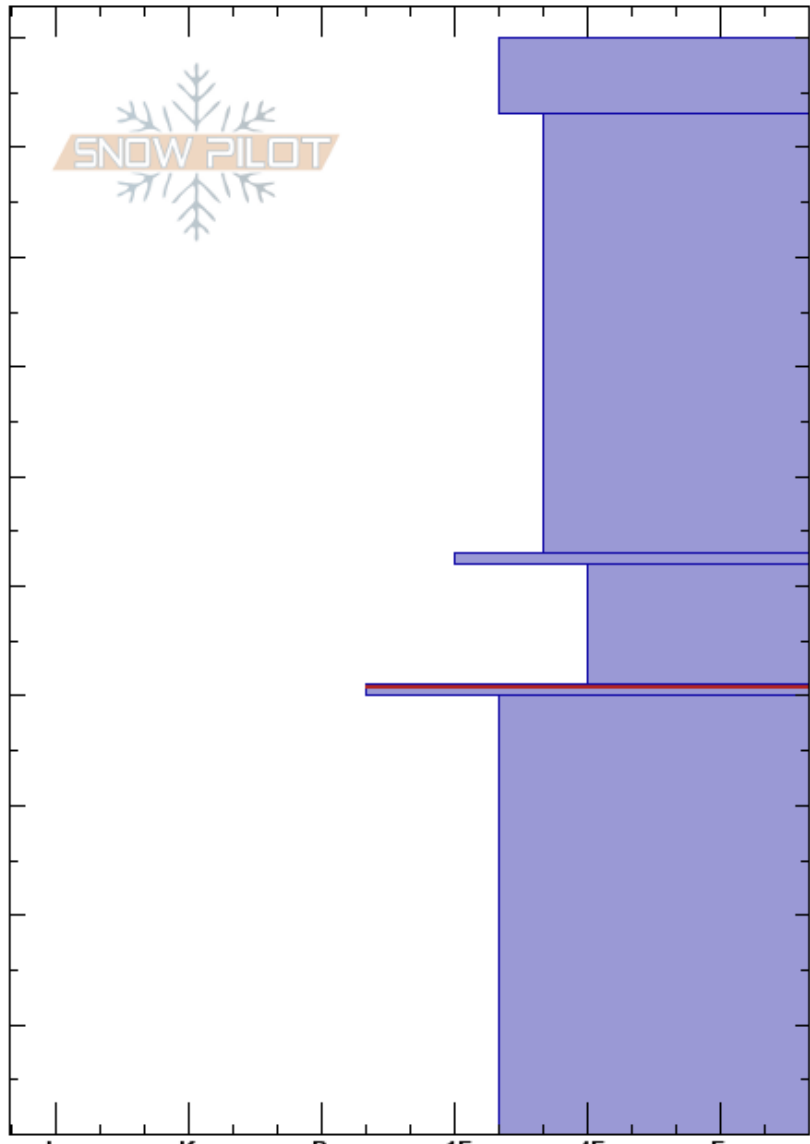
41-40cm: Problematic layer

Aspect: NE

Wind Loading:

Wind:

Specifics: Pit is adjacent to avalanche: crown;



| Depth (cm) | Crystal |      | Moisture | $\rho$ kg/m <sup>3</sup> | Stability tests & Layer comments    |
|------------|---------|------|----------|--------------------------|-------------------------------------|
|            | Form    | Size |          |                          |                                     |
| 100        |         |      |          |                          |                                     |
| 95         |         |      | D        |                          |                                     |
| 90         |         |      |          |                          |                                     |
| 80         |         |      |          |                          |                                     |
| 70         |         |      | D        |                          |                                     |
| 60         |         |      |          |                          |                                     |
| 55         |         |      |          |                          |                                     |
| 53-52      | ⊙⊙      |      |          |                          | 53-52cm: Weak decomposing           |
| 50         | □       | 2-3  | D        |                          |                                     |
| 45         |         |      |          |                          |                                     |
| 41-40      | ⊙⊙      |      | D        |                          | 41-40cm: Failure of Sc, weak decomp |
| 40         |         |      |          |                          |                                     |
| 30         |         |      |          |                          |                                     |
| 20         | □       | 1-2  | D        |                          |                                     |
| 10         |         |      |          |                          |                                     |
| 0          |         |      |          |                          |                                     |

Notes: Fracture line profile, steep gully wall, variable snowpack area.