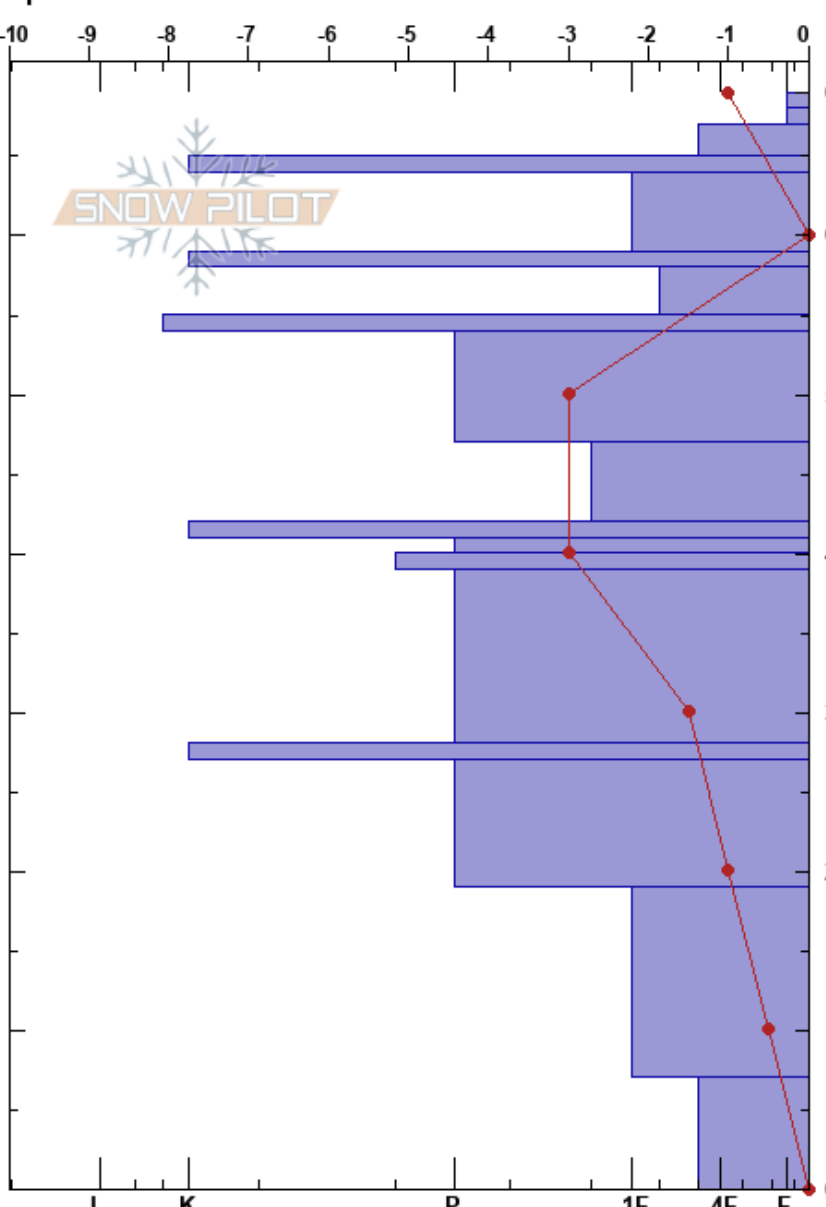


Lab 5 Guardsman Pass  
 Central Wasatch  
 UT  
 Elevation: 9056 ft  
 Aspect: SE  
 Specifics:

Pauline Kneller  
 02/18/2022 - 2:00pm  
 Co-ord: 40.61720N, -111.57097W  
 Slope Angle: 14°  
 Wind Loading: no

Stability: **HS:69**  
 Air Temperature: -0.5°C  
 Sky Cover: CLR  
 Precipitation: NO  
 Wind: Calm  
 PF: 12  
 PS: 1  
 58-55cm: Problematic layer



| Elevation (cm) | Crystal |       | Moisture | $\rho$ kg/m <sup>3</sup> | Stability tests & Layer comments |
|----------------|---------|-------|----------|--------------------------|----------------------------------|
|                | Form    | Size  |          |                          |                                  |
| 69             | /       | 1-2   |          |                          |                                  |
|                | ⊘       | 3-5   |          | 375                      |                                  |
|                | ⊘       | 2-4   |          |                          |                                  |
| 60             | ⊙⊙      | 3-4   |          |                          |                                  |
|                | □       | 2-4   |          |                          |                                  |
|                | ⊙⊙      |       |          |                          |                                  |
|                | □       | 2-4   |          | 310                      |                                  |
|                | ⊙⊙      |       |          |                          |                                  |
| 50             | □       | 1-2.5 |          |                          |                                  |
|                | ⊘       | 1-2   |          |                          |                                  |
|                | ⊙⊙      |       |          |                          |                                  |
|                | ⊘       | 1-2   |          | 390                      |                                  |
| 40             | ⊘       | 1-2   |          |                          |                                  |
|                | ⊘       | 1-2   |          |                          |                                  |
|                | ⊘       | 1-2   |          | 385                      |                                  |
| 30             | ⊙⊙      |       |          |                          |                                  |
|                | □       | 1-2   |          | 340                      |                                  |
| 20             | □       | 2     |          | 345                      |                                  |
| 10             | □       | 2-3   |          | 400                      |                                  |

CT0, Q1 @0cm CTC at ground  
 ECTX

Notes: Very sun-affected slope right below trees. Many crusts found in snowpack.