Remotely triggered wind slab in N. Bridgers

Northern Bridgers
Bridger Range
2/26/2022
Code
HS-ASr-R3-D1.5-O
Elevation
8000
Aspect
NE
Latitude
45.93910
Longitude
-110.97800
Notes

From obs 2/26/22: "We were stopped on a flat bench on top of a steep rollover... when we heard a whumpf, and then a hard wind slab released on the slope below us and ran into the trees below. We then decided to enter the avalanche at the bottom of the debris to look at the crown, where we observed that the slab was about 60cm deep at its deepest, and ran around 50 feet wide, wrapping across a small aspect change. We did two ECT tests and observed propagation on the layer during isolation in both tests... We identified a P hard wind slab overlaying a 3 cm deep layer of 1F hard facets. The layer below the avalanche interface was F hard facets. After this result, we dialed back our ski plans for the day." Photo: M. Beck

Number of slides
1
Number caught
0
Number buried
0
Avalanche Type
Hard slab avalanche
Trigger
Skier
Trigger Modifier
r-A remote avalanche released by the indicated trigger
R size
3
D size
1.5
Bed Surface
O - Old snow
Problem Type
Persistent Weak Layer
Slab Thickness
22.0 inches
Vertical Fall
40ft

Slab Width
50.00ft
Weak Layer Grain type
Faceted Crystals
Weak Layer Hardness
F
Slab Layer Grain Type
Wind packed
Slab Layer Hardness
P
Images
crown of skier triggered slide in N. Bridgers
Skier triggered Avalanche in N. Bridgers observed from above
Slab Thickness units
inches
Single / Multiple / Red Flag
Single Avalanche
Advisory Year
21-22