Multiple avalanches on Mt. Abundance

Mt. Abundance
Cooke City
2/11/2024
Code
SS-ASr-D2-O
Elevation
9900
Aspect Range
NE-NW
Latitude
45.07220
Longitude
-110.02200
Notes

Three avalanches were triggered 20-50' away from low-angel terrain above by skiers on Mt. Abundance.

From obs: "We observed three similar avalanches on Mt Abundance today (2/11). All were at about 9,900' and on NE-NW aspects. We were able to safely look at the crown of the first one, which was ~150' wide, 55cm deep, and with an HS of 145. It failed on 1-2 cm buried surface hoar. The other avalanches were on shallow unsupported rocky terrain. All were remote triggered from low angle terrain above, 20-50' away. One of the avalanches sympathetically released a gully and ran 800'."

Number of slides
3
Number caught
0
Number buried
0
Avalanche Type
Soft slab avalanche
Trigger
Skier
Trigger Modifier
r-A remote avalanche released by the indicated trigger
D size
2
Bed Surface
O - Old snow
Problem Type
Persistent Weak Layer
Slab Thickness
55.0 centimeters
Vertical Fall
800ft

Slab Width
150.00ft
Weak Layer Grain type
Surface Hoar
Weak Layer grain size
2.00mm
Images
Abundance avalanche 3
Abundance avalanche 2
Abundance avalanche 1 (across)
Abundance avalanche 1 (above)
Snow Observation Source
Multiple avalanches on Mt. Abundance
Slab Thickness units
centimeters
Single / Multiple / Red Flag
Multiple Avalanches
Advisory Year
23-24