Snowmobile Triggered Avalanche on Buck Ridge

Buck Ridge
Northern Madison
12/17/2023
Code
HS-AM-R2-D1-O
Elevation
9400
Latitude
45.17190
Longitude
-111.38000
Notes

An avalanche along the divide between Muddy and Bear Creek. Avalanche was approximately 100 ft wide and 25 ft tall, breaking on facets just above a crust near the ground. Slide was clearly several days old, estimating it broke Friday, 12/15/23. Tracks indicate it was likely snowmobile triggered. Photo taken 12/19/23. GNFAC

Number of slides
1
Number caught
0
Number buried
0
Avalanche Type
Hard slab avalanche
Trigger
Snowmobile
R size
2
D size
1
Bed Surface
O - Old snow
Problem Type
Persistent Weak Layer
Slab Thickness
18.0 inches
Vertical Fall
25ft
Slab Width
100.00ft
Weak Layer Grain type
Faceted Crystals
Weak Layer Hardness
F
Slab Layer Grain Type
Decomposing and Fragmented precipitation particles

Slab Layer Hardness
1F
Images
Avalanche on Buck
Muddy-Bear Divide Profile - 19 Dec 2023
Attached Videos
Still Reactive, Buck Ridge - 19 Dec 2023
Snow Observation Source
Older Avalanche and Still Reactive on Buck
Slab Thickness units
inches
Single / Multiple / Red Flag
Single Avalanche
Advisory Year
23-24