BSSP explosive triggered very large slide on NSS

Lone Mountain
Northern Madison
1/26/2024
Code
HS-ABc-R4-D3.5-O
Elevation
11000
Aspect
N
Latitude
45.27770
Longitude
-111.45100
Notes

From email 1/26/24: "The NSS avalanched R3/4, D3.5 on a 6lb. shot on a stick. There were multiple basal layers involved, including gouging to the ground. Big avalanche and not a surprise. That zone has been filling in, growing in volume, and hardening in the wind.... Unsurprisingly, it did not take much added intensity to make it avalanche."

Number of slides
1
Number caught
0
Number buried
0
Avalanche Type
Hard slab avalanche
Trigger
An explosive detonated above the snow surface (air blast)
Trigger Modifier
c-A controlled or intentional release by the indicated trigger
R size
4
D size
3.5
Bed Surface
O - Old snow
Problem Type
Persistent Weak Layer
Slab Thickness units
centimeters
Single / Multiple / Red Flag
Single Avalanche
Advisory Year
23-24