Explosive triggered avalanche at Y.C. on persistent weak layer

Yellowstone Club
Northern Madison
12/16/2018
Code
SS-ABc-R3-D2-G
Elevation
8400
Aspect
NE
Latitude
45.24250
Longitude
-111.42900
Notes

Ski patrol triggered this avalanche at the Yellowsone Club on Sunday (12/16). "8400’, ENE facing, 36deg start zone that was about 120’ wide and ran vertically 200’. The crown was 1.5-2’, went to ground, and was a mostly faceted snowpack with a bit of wind effected snow in the top few inches. The slide was released from a 4lb air blast." -YCSP

Number of slides
1
Number caught
0
Number buried
0
Avalanche Type
Soft 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
3
D size
2
Bed Surface
G - Ground
Problem Type
Persistent Weak Layer
Slab Thickness
24.0 inches
Vertical Fall
200ft
Slab Width
120.00ft
Weak Layer Grain type

Faceted Crystals
Slab Layer Grain Type
Wind packed
Images
Explosive triggered avalanche at Y.C., debris
Explosive triggered avalanche at Y.C., crown
Slab Thickness units
inches
Single / Multiple / Red Flag
Single Avalanche
Advisory Year
18-19