Ski cut triggered avalanche at Big Sky Resort

Big Sky Resort
Northern Madison
12/8/2023
Code
HS-ASc-R1-D2-O
Aspect
E
Latitude
45.27600
Longitude
-111.43600
Notes

Big Sky Ski Patrol intentionally ski cut an avalanche breaking on the weak snow near the ground during avalanche mitigation work on 12/8/23.

From email: "[An avalanche] released on a ski cut, breaking on facets above a basal crust, easterly aspect, just below tree line."

Number of slides
1
Number caught
0
Number buried
0
Avalanche Type
Hard slab avalanche
Trigger
Skier
Trigger Modifier
c-A controlled or intentional release by the indicated trigger
R size
1
D size
2
Bed Surface
O - Old snow
Problem Type
Persistent Weak Layer
Slab Thickness
24.0 inches
Vertical Fall
100ft
Slab Width
50.00ft
Images
Ski cut triggered avalanche

Snow Observation Source
Ski cut triggered avalanche
Slab Thickness units
inches
Single / Multiple / Red Flag
Single Avalanche
Advisory Year
23-24