Third Yellow Mule / Skier triggered slide + sympathetic

Buck Ridge
Northern Madison
2/28/2021
Code
SS-ASu-R3-D2-O
Aspect
NE
Latitude
45.19120
Longitude
-111.44300
Notes

https://www.instagram.com/p/CL4xIk5n8PZ/

Sled Skiing in Third Yellow mule... after an air onto the slope the impact from landing resulted in a fracture and failure to / near the ground... in addition, a remote trigger occurred on adjacent slope... 200-300 ft to the skiers right. No body was caught in either slide. Skier that initiated failure was moving at high speed and was beyond slide path before majority of snow movement began. 2 pits where dug prior to riding terrain. One on adjacent slope, we went through to ECT 30 and continued to hammer on the column through 40 wacks of double fist, full force before failure occurred 30 cm above ground. Second pit was dug on slope where slide was initiated... same results, very hard to get failure to occur. Snowpack depth varied from 125 - 180 cm in the area... our pits were dug in depths of around 125 cm and 170 cm respectively.

Number of slides
1
Number caught
0
Number buried
0
Avalanche Type
Soft slab avalanche
Trigger
Skier
Trigger Modifier
u-An unintentional release
R size
3
D size
2
Bed Surface
O - Old snow
Problem Type
Persistent Weak Layer
Slab Thickness
100.0 centimeters
Vertical Fall

200ft
Slab Width
200.00ft
Weak Layer Grain type
Depth Hoar
Weak Layer grain size
2.00mm
Weak Layer Hardness
1F
Images
3rd Yellowmule Avalanches - distance
3rd Yellow Mule Snowpit Profile, 2 March
Skier Triggered in 3rd Yellow Mule, with debris
Skier triggered in 3rd Yellow Mule, close
Skier triggered in 3rd Yellow Mule, overview
Skier triggered from far away
Attached Videos
Skier Triggered Slides, Buck Ridge - 2 March 2021
Slab Thickness units
centimeters
Single / Multiple / Red Flag
Single Avalanche
Advisory Year
20-21