Snowmobile triggered/caught on Mt. Abundance near Cooke

Mt. Abundance
Cooke City
12/14/2019
Code
HS-AMu-R3-D2.5-O
Elevation
9200
Aspect
E
Latitude
45.06420
Longitude
-110.01100
Notes

From IG post: "Pictures don’t do this monster avalanche justice. We helped the kid recover his sled, which was buried between 4and 10 feet. luckily it wasn’t him and no one was hurt." @mackleymtvet

E-mail from uninvolved group: "Incident occurred on an East aspect of the far south shoulder of Abundance. Did not witness incident or know the party involved, but arrived shortly after it occurred. Involved party was still on scene. Rider was approaching blind roll over from the top when slide was triggered at the visible crown. Rider attempted to bail, but both the individual and machine were carried over and through the rocks and strainers below. Rider and machine were deposited in the debris pile as seen in pictures. Rider was unharmed. Machine was pretty well trashed. Information based on first person observation and rider testimony."

Number of slides
1
Number caught
0
Number buried
0
Avalanche Type
Hard slab avalanche
Trigger
Snowmobile
Trigger Modifier
u-An unintentional release
R size
3
D size
2.5
Bed Surface
O - Old snow
Problem Type
Persistent Weak Layer

Slab Thickness
36.0 inches
Vertical Fall
300ft
Slab Width
600.00ft
Weak Layer Grain type
Solid faceted particles
Weak Layer grain size
1.00mm
Weak Layer Hardness
F
Images
Snowmobile triggered slide Mt. Abundance 5
Snowmobile triggered slide Mt. Abundance 4
Snowmobile triggered slide Mt. Abundance 3
Snowmobile triggered slide Mt. Abundance 2
Snowmobile triggered slide Mt. Abundance
Attached Videos
Avalanches on Crusts, Cooke City - 16 Dec 2019
Slab Thickness units
inches
Single / Multiple / Red Flag
Single Avalanche
Advisory Year
19-20