

## 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 4 and 10 feet. luckily it wasn't him and no one was hurt." @mackleymtv

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](#)