

## Snowmobile triggered on Sheep Mtn, Cooke

Sheep Mountain

Cooke City

1/22/2021

Code

SS-AMu-R2-D2-O

Elevation

9800

Aspect

S

Latitude

45.07220

Longitude

-109.92800

Notes

Snowmobilers triggered two avalanches on 1/22/2021. A group of 11 were climbing on the southside of Sheep Mountain. The slides were triggered by two separate riders.

Number of slides

2

Number caught

0

Number buried

0

Avalanche Type

Soft slab avalanche

Trigger

Snowmobile

Trigger Modifier

u-An unintentional release

R size

2

D size

2

Bed Surface

O - Old snow

Problem Type

Persistent Weak Layer

Slab Thickness

36.0 inches

Vertical Fall

250ft

Slab Width

100.00ft

Weak Layer Grain type

Near surface faceted particles

Weak Layer grain size

1.00mm

Weak Layer Hardness

F

Slab Layer Grain Type

Wind Broken precipitation particles

Slab Layer Hardness

P

Images

[2 avalanches on Sheep Mtn](#)

[Sheep Mtn Snowpit Profile](#)

[Snowmobile triggered on Sheep slide 2](#)

[Snowmobile triggered on Sheep slide 1](#)

Attached Videos

[Avalanches on Sheep Mtn, 25 Jan](#)

Slab Thickness units

inches

Single / Multiple / Red Flag

Multiple Avalanches

Advisory Year

[20-21](#)