

Snowmobile-Triggered Avalanche near Round Lake

COOKE CITY

Cooke City

2/21/2022

Code

SS-AMu-R3-D2-O

Latitude

45.02020

Longitude

-109.93800

Notes

A group was riding near Round Lake and triggered an avalanche that broke 200' wide by 24" deep and ran the full 50' vertical of the slope. The group estimated the debris pile was 5' deep and would have easily buried someone. Thankfully, no one was hurt.

Number of slides

1

Number caught

0

Number buried

0

Avalanche Type

Soft slab avalanche

Trigger

Snowmobile

Trigger Modifier

u-An unintentional release

R size

3

D size

2

Bed Surface

O - Old snow

Problem Type

Persistent Weak Layer

Slab Thickness

24.0 inches

Vertical Fall

50ft

Slab Width

200.00ft

Weak Layer Grain type

Near surface faceted particles

Images

[Snowmobile-Triggered Avalanche Round Lake](#)

Slab Thickness units

inches

Single / Multiple / Red Flag

Single Avalanche

Advisory Year

21-22