

Partially buried, uninjured snowmobiler in Cooke

Round Lake

Cooke City

1/29/2024

Code

SS-AMu-R2-D2-O

Elevation

9500

Aspect

E

Latitude

45.07450

Longitude

-109.90700

Notes

A rider from MN triggered an avalanche immediately north of Round Lake. He was caught, pulled his airbag and was buried with his head out, under his sled. He attributes this to his airbag. His partners dug him out and he was uninjured.

Number of slides

1

Number caught

1

Number buried

1

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

70.0 centimeters

Vertical Fall

75ft

Slab Width

100.00ft

Weak Layer Grain type

Surface Hoar

Weak Layer grain size

10.00mm

Weak Layer Hardness

F

Slab Layer Grain Type

Wind Broken precipitation particles

Slab Layer Grain Size

1.00mm

Slab Layer Hardness

P

Images

[Partially buried, uninjured snowmobiler](#)

Attached Videos

[Investigating a snowmobiler triggered slide, Cooke City - 30 Jan 2024](#)

Snow Observation Source

[Partially buried, uninjured snowmobiler](#)

Slab Thickness units

centimeters

Single / Multiple / Red Flag

Single Avalanche

Advisory Year

[23-24](#)