

Snowmchine remote trigger Large avalanche near Lake Abundance

COOKE CITY

Cooke City

3/11/2023

Code

HS-AMr-R4-D2.5-O

Elevation

8650

Aspect

NE

Latitude

45.08100

Longitude

-110.00400

Notes

From obs: "Large avalanche with small tree and branch debris. Located on the lower NE bench face of Mt Abundance, near Lake Abundance. There were snowmobile tracks near the [slide](#) but could not determine if that was the cause. Approx 2000 feet across. Possibly 4-6 feet deep but couldn't tell from the bottom of the hill."

Number of slides

1

Number caught

0

Number buried

0

Avalanche Type

Hard slab avalanche

Trigger

Snowmobile

Trigger Modifier

r-A remote avalanche released by the indicated trigger

R size

4

D size

2.5

Bed Surface

O - Old snow

Problem Type

Persistent Weak Layer

Slab Thickness

36.0 inches

Vertical Fall

350ft

Slab Width

1000.00ft

Images

[Abundance Lake Avy 2](#)

[Abundance Lake Avy 1](#)

Snow Observation Source

[Large slab avalanche near Lake Abundance](#)

Slab Thickness units

inches

Single / Multiple / Red Flag

Single Avalanche

Advisory Year

[22-23](#)