## Natural Avalanche Ski Hill

Ski Hill Lionhead Range 1/21/2024 Code SS-N-R2-D2-O Elevation 7950 Aspect E Latitude 44.70160 Longitude -111.29300 Notes

A natural avalanche broke on January 21 on Brady's Slope on Ski Hill. Walking to look at the avalanche, we triggered a large <u>collapse</u> and shooting cracks. We dug a pit nearby and got very unstable test results (ECTP4) on a layer of 15-20 mm <u>surface hoar</u> buried 18" deep. Avalanche width and vertical fall were estimated based on Google Earth measurements.

Number of slides 1 Number caught 0 Number buried 0 Avalanche Type Soft slab avalanche Trigger Natural trigger R size 2 D size 2 Bed Surface O - Old snow Problem Type Persistent Weak Layer Slab Thickness 18.0 inches Vertical Fall 300ft Slab Width 200.00ft Weak Layer Grain type Surface hoar crystals Weak Layer grain size

15.00mm Weak Layer Hardness F-Slab Layer Grain Type Precipitation Particles Images <u>Natural Avalanche Ski Hill</u> Attached Videos <u>Avalanches Very Likely at Lionhead - 21 January 2024</u> Slab Thickness units inches Single / Multiple / Red Flag Single Avalanche Advisory Year 23-24