Snow Pit Profile Observer: Mark Staples Henderson Mtn Beartooth, MT Elevation (ft) 9450 Slope: 37 Wind loading: yes 210 Aspect:

Stability on similar slopes: Very Poor Stability Test Notes: Air Temperature: C Sky Cover: sky 8/8 covered Precipitation: Snow - 2 cm/hr Wind: Strong

Crystal ρ Stability Tests Form Size (mm) kg/m³ 87 80 75 70 65 60 55 50 45 40 35 30 25 20 15 0.5 - 1.0 10 5

I K P 1F 4F F U Notes: Crown from a snowmobile avalanche fatality. This avalanche was remotely triggered. The snowpack in many other areas was 3-4 feet deep.

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Advisory Region Cooke City Cooke City, 2014-11-27 Layer note 0-26.5: Pro

Wed Nov 26 16:00:00 MST 2014 Co-ord: 45.04174 N 109.94242 W

Specifics: Avalanche Pit: crown; Collapsing, widespread.