Snow Pit Profile Observer: Doug Chabot Stability on similar slopes: Good Stability Test Notes: Layer note Sun Nov 28 11:00:00 MST 2010 80:02 63-80: Pro North of Dwavnes Air Temperature: C Bridger, MT Co-ord: 45.82694 N 110.93189 W Sky Cover: sky 8/8 covered 80: Q2 Elevation (ft) 8567 Slope: 25 Precipitation: Snow < 0.5 cm/hr 25:03 23-25: dec Aspect: 77 Wind loading: previous Wind: W Light Breeze Specifics: Crystal **Stability Tests** ρ Form Size (mm) kg/m³ 104 +90 / (()) 0.5 ECTP15 Depth: (cm) 80 80 CTM Depth: (cm) 80 CT Sc 1.0 ()70 60 n 1.0

50

40

30

20

10

0

Notes: This pit was dug on a slope immediately to the north of the ski area boundary on a slope that does not get tracked. The stability was good. The

1.0 - 1.5

1.0 - 1.5

CTH Depth: (cm) 25 CT Sco

This snowpit was dug off the ridge top as soon as we exited the ski area boundary. It's on a small representative east-facing slope that does not get skied. The pit was showed good stability. Our only concern was the interface at 80 cm where a wind slab is sitting on an older surface. There's no persistent weak layer (facets) so I think it will heal/bond quickly, but this interface fractured and propagated in with a score of ECTP11, Q2. Photo: GNFAC

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interface at 80cm will likely strengthen quickly. Danger: MODERATE.

Advisory Region Bridger Range Forecast link: <u>GNFAC Avalanche Forecast for Mon Nov 29, 2010GNFAC Avalanche Advisory for Tue Nov</u> 30, 2010 Bridger Range, 2010-11-28