Snow Pit Profile Stability on similar slopes: Fair Observer: Mark Staples Stability Test Notes: Layer note Yellow Mtn. Thu Jan 26 12:00:00 MST 2012 Air Temperature: C 64-65: Pro Co-ord: 45.29639 N 111.32025 W Madison, MT Sky Cover: Clear Elevation (ft) 8940 Slope: 26 Precipitation: 140 Wind loading: Wind: Aspect: Specifics: Crystal ρ Stability Tests Form Size (mm) kg/m³ 95 90 85 80 75 70 Ø 1.0 ECTP12 Q1 Depth: (cm) 64 CTE Q1 Depth: (cm) 64 CT S 65 60 55 50 \square 1.0 45 40 ECTN 24 Depth: (cm) 36 35 CTM Q1 Depth: (cm) 36 CT S 30 2.0 25 20

I K P 1F 4F F
Notes: ECT's did not propagate on other slopes. I think there was just enough wind deposited snow to get an ECTP on this slope. The difference between avalanche and not seemed to be a wind load.

15

10

5

3.0 - 4.0

Advisory Region Northern Madison Northern Madison, 2012-01-26