Snow Pit Profile

Sage Creek

Southern Madison, MT Elevation (ft) 9190

124 Aspect:

Observer: Mark Staples

Thu Mar 13 14:00:00 MDT 2014

Co-ord: 44.97271 N 111.27081 W

Slope: 28

Wind loading: no

Stability on similar slopes: Fair

Air Temperature: C

Sky Cover: Clear Precipitation: None

Wind:

Stability Test Notes: Layer note

0-33: Prob

Specifics: Crystal Stability Tests ρ Form Size (mm) kg/m³ 188 150 140 130 120 □ (□) 0.5 ECTP11 Depth: (cm) 115 110 100 90 80 70 60 а 50 40 CTE Q1 Depth: (cm) 33 CT S ECTP14 Depth: (cm) 33 30 20 □(∧) 2.0 - 4.0 10

Notes: We were surprised how weak the facets at the ground were. We were surprised only because we thought they were no longer an issue. We sh surprised based on recent activity and based on Eric's findings on March 9th nearby on Ernie Miller Ridge. See photo of pit at: http://www.mtava m/images/14/weak-layers-snowpack-taylor-fork

**Advisory Region** Southern Madison Southern Madison, 2014-03-14