American Lakes Polly Layton Stability: HS:106 Layer Notes: Elk Mountains 02/17/2021 - 11:00pm Air Temperature: 17°F PF: 106 42-25cm: Problematic layer

> Co-ord: 13S 342085W 4326234N Sky Cover: BKN **PS**: 35

Precipitation: NO

Aspect: SE Wind Loading: Wind: Calm

Slope Angle: 25°

CO

Elevation: 11320 ft

Specifics: Collapsing, localized; Recent avalanche activity on similar slopes Crystal Size Moisture kg/m³ Stability tests & Layer comments Form 106 100 0.5 90 0.3 80 0.3 70 0.3 60 -ECTPV @51cm Before isolation 50 <u>_</u> а ←ECTPV @41cm simult. w/ above 40 (2) 30 <u></u> 20 10 - ^

Notes: After the profile was dug to the ground, but columns had not yet been isolated, the second observer stepped out of skis This initiated a large whumphf that propagated a sudden collapse fracture at 41 and 51 simultaneously.

1F