Beav-Est Sign Line 1 David Miller Stability: HS:100 Layer Notes: Lake Tahoe 12/11/2024 - 10:20am Air Temperature: PF:28 100-95cm: Surface Crust Decomposed 95-87cm: weakening CA Co-ord: 39.16139N, -120.25058W Sky Cover: FEW PS:8 85-80cm: Faceting under crust Elevation: 8100 ft Slope Angle: 31° Precipitation: NO 85-80cm: Problematic layer Aspect: 5° Wind Loading: no Wind: SW Light Breeze

Specifics: Pit dug in a Ski Area; Pit is representative of backcountry; Ski tracks on slope; We skied slope Crystal Size Moisture kg/m³ Stability tests & Layer comments Form Ø 0.5-1 100-95cm: Surface Crust Decomposed 0.5-1 95-87cm: weakening 90 = —ECTN18 @84cm 0.5-1 85-80cm: Faceting under crust 80 70 · (@) 0.5-1 60 50 40 Κ 1F

Notes: Was able to elicit ECTPH results @ 84cm when adding a 20cm block on top simulating a slab. Upper snowpack is weakening further due to cold temperatures and shallow snowpack producing near-surface and near-crust small grain faceting.