3VG Upper study plot Darren Cook Stability: HS:220 Layer Notes: 12/03/2023 - 12:30 Air Temperature: -2.4°C PF: 30 Monashee 0-3cm: HN24 12-38cm: SH 2-4mm down 28cm BC

Co-ord: 11U 400447W 5642286N Sky Cover: BKN

Elevation: 1370 m Slope Angle: 20° Precipitation: NO Aspect: NE Wind Loading: Wind: N Light Breeze

Specifics: We skied slope Crystal Size Moisture kg/m³ Form Stability tests & Layer comments ⇔r 0 2 \leftrightarrow 0-3cm: HN24 0.3-0.5 D 10 20 1-2 —ECTN15 @28cm 30 12-38cm: SH 2-4mm down 28cm 40 **/(ロ)** 0.5-1 (0.5) 50 - X 60 3-4 D 70 80 90 (△) 0.5 (0.5) D 100 110 120 **600** D 130 0.5-1 (0.5) (日) D 137

Notes: Profile objective: targeting snow surface condition prior to storm and upper snowpack settlement Site Characteristics: opening in trees near ridgetop

Skied the upper SP line to Ferguson's Freeway - good conditions/dry snow in the shadow of the cliffs and more direct N asp. Previous sun crust on more E-ly asp. Stiff P WSL in exposed terrain with last night's 3mm overtop. Reasonably good skiing through the trees until ~800m elevation when the snow got sticky.