Fresno Paul wunnicke Kenai Mountains 12/08/2022 - 3:00pm ΑK Co-ord:

Elevation: 2280 ft Slope Angle: 34° Aspect: 87°

Wind Loading: yes Specifics: We skied slope

Stability: HS:75 Layer Notes: Air Temperature: -8°C **PF**: 55 75-52cm: settled 4cms 52-28cm: weak in compression Sky Cover: CLR **PS**: 40

28-25cm: Near Crust Facets Precipitation: 25-23cm: buried wet C is facetin out 23-22.5cm: NCF smaller than above C [More Layer Comments below] Wind: NW Moderate

Crystal Size Moisture kg/m³ Stability tests & Layer comments Form * 75 70 D 75-52cm: settled 4cms 60 50 (Ø) D 40 52-28cm: weak in compression 30 D 28-25cm: Near Crust Facets $= (\Box)$ D ←CT6, Q1 @25cm facets on MF cr D 25-23cm: buried wet C is facetin out 20 23-22.5cm: NCF smaller than above C □ (□) D 10 D CT8, Q2 @0cm moist ^@grnd CT11, Q2 @0cm moist^@grnd 1.5-2 M Λ ECTP11@0cm SC

I K P 1F 4F F 6-0cm: moist and small Notes: Lots of pluming at peaks and ridge crests. NNW aspects in Summit were raked, stripped and boney during the night and early AM hrs. Particularly CO, Summit and Gilpatricl -11C @ 1400/1100h until 1430 when 20 mph NNW winds began to effect elevations below 3000' Then temps increased to -6.5C by 1630h. Additional Layer Comments: 0-6cm: moist and small; 0-6cm: Problematic layer;