Cardrona A3LD Ted Stone Stability: HS:260 Layer Notes: Mt Ruapehu 11/10/2021 - 12:30 Air Temperature: 0.6°C **PF:**5 21-61cm: Problematic layer New Zealand Co-ord: -44.86251S, 168.94682E Sky Cover: OVC Elevation: 1835 m Slope Angle: 28° Precipitation: NO Aspect: 135° Wind Loading: no Wind: N Light Breeze Specifics: Pit dug in a Ski Area; Pit is representative of backcountry Crystal Size Moisture kg/m³ Stability tests & Layer comments Form 0 ೪ 3 W 10 ଫ М 20 <u>_</u> М -CT12, PC @21cm CT21, PC @21cm 30 CT21, PC @24cm CT15, PC @25cm 40 ೪ 2 М 50 60 ಳ М

70

80

90

100

110

120

130

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8

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М

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0.5

Notes: Snow profile not excavated all the way to ground. Snowfall (S2) had begun by the time snow profile observations were completed. No density kit was available.