The Whale FLP 3/2/17 AZSB Patrol Stability: Fair HS:505 Kachina Peaks 03/02/2017 - 11:00am Air Temperature: -3.5°F PS: 30 397-396cm: Problematic layer Sky Cover: CLR Co-ord: ΑZ

Elevation: 11800 ft Slope Angle: 35° Precipitation: NO Aspect: N Wind Loading: previous Wind: N Calm

Specifics: Pit dug in a Ski Area Crystal 8 10 12 14 16 18 20 22 24 26 28 30 32 Size Moisture kg/m³ Stability tests & Layer comments Form 505 490 480 1-2 470 460 450 440 430 а 0.5-1 420 0.5-1 410 = 400 -CT15, RP@398cm Deep CT 0.5 390 CT12, RP @396cm 0.5 • 380 370 0.3-0.5 360 350 340 330 0.5 320 310 300 290 280 270 260 0.5 250 240 230 220 210 195

Layer Notes:

Notes: Avalanche occurred on 3/1/17 during control route (4lb hand charge). 110 cm crown. 28 Degree Alpha angle. Avalanche crown was at 11,800. Debris ran to 11,200. Previous SW storm wind loaded the Whale, 26" storm total, TP JM DZ