

Scorpion crown profile

Scott Savage

12/19/2022 - 3:00pm

Co-ord: 43.68287N, -114.39570W

Slope Angle: 35°

Wind Loading: no

Specifics: Pit is adjacent to avalanche: crown; Ski tracks on slope; We skied slope

Stability: Fair

Air Temperature: -7°C

Sky Cover: FEW

Precipitation: NO

Wind: Light Breeze

HS: 104

PF: 50

PS: 20

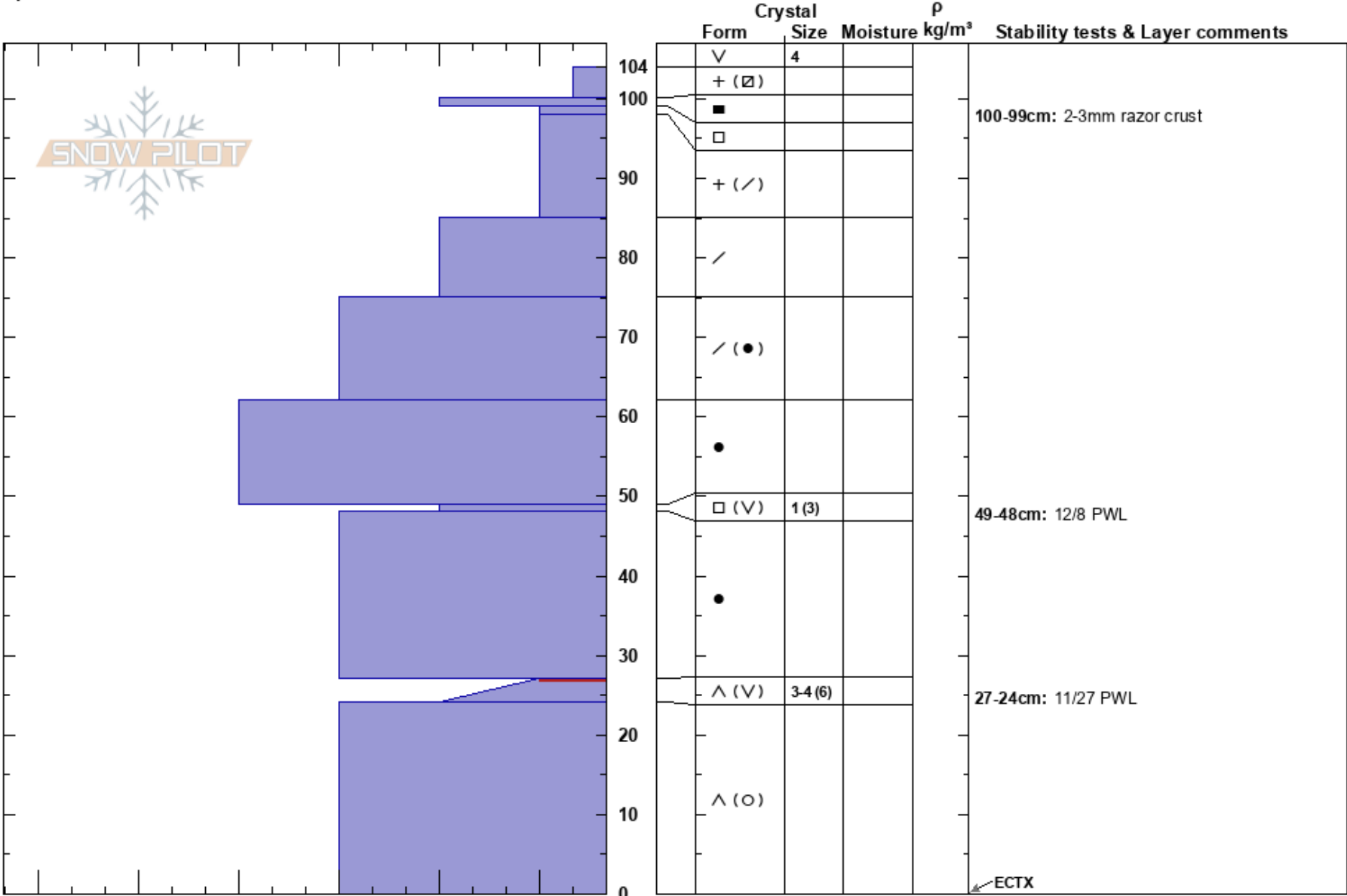
Layer Notes:

100-99cm: 2-3mm razor crust

49-48cm: 12/8 PWL

27-24cm: 11/27 PWL

27-24cm: Problematic layer



**Notes:** Crown profile dug 7 days post incident: 100' wide, slope angle 33-37, aspect 270-285. Avalanche failed on both 12/8 (48-49cm) and 11/27 (24-27cm) faceted layers. Stability tests: ECTX x 2, but both tests failed @27cm and propagated with heavy force (kicking shovel). There was very little untracked snow to perform tests, and the column sites were too close to the crown (<1m) to yield valuable results.