

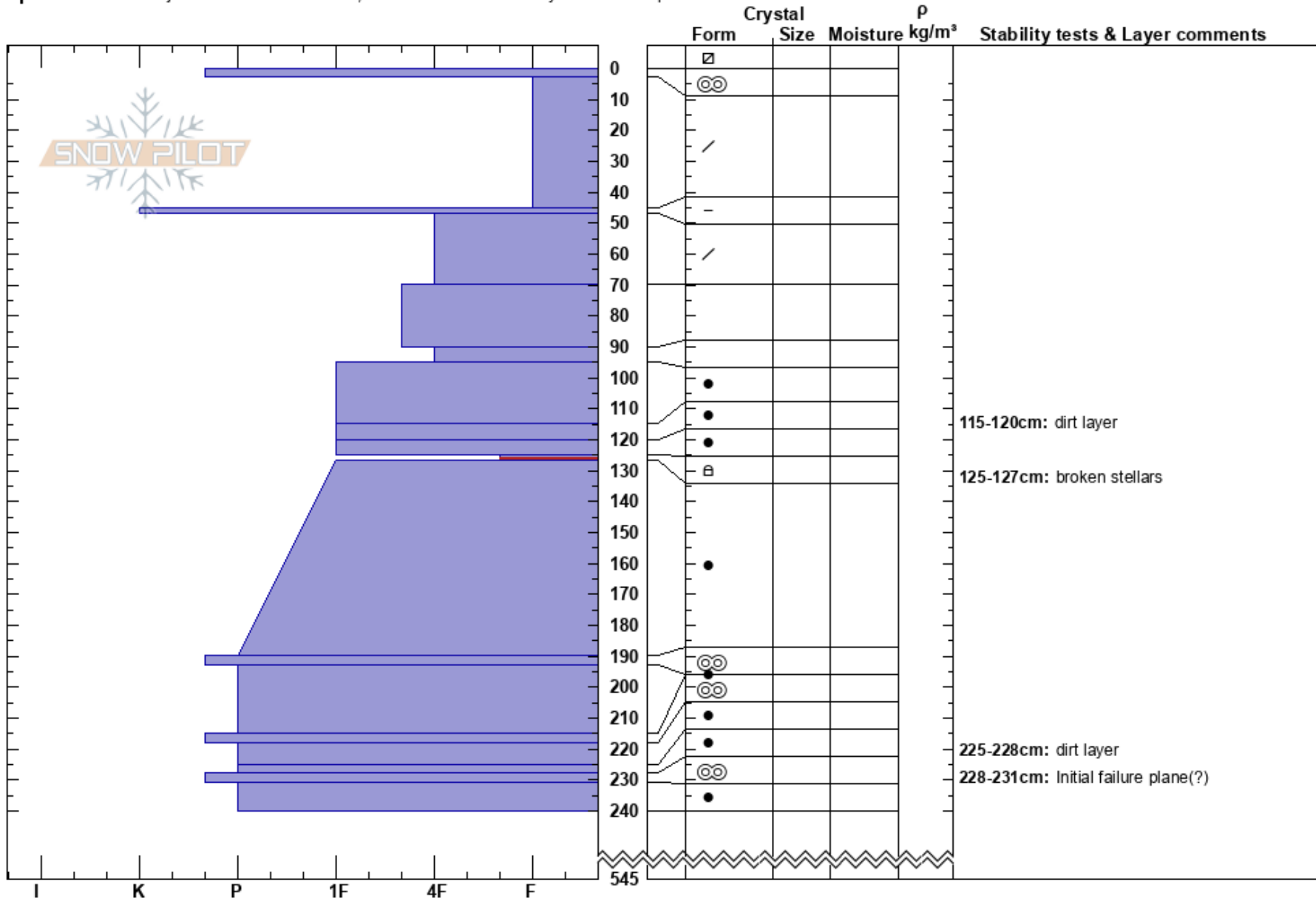
Michigan City 9730' SE
 Central Wasatch
 UT
 Elevation: 9730 ft
 Aspect: SE

Dave Kelly
 04/07/2023 - 11:00am
 Co-ord: 40.59516N, -111.61467W
 Slope Angle: 23°
 Wind Loading: yes

Stability: Poor
 Air Temperature: -1.6°C
 Sky Cover: FEW
 Precipitation: NO
 Wind: SW Moderate

HS: 545
 PF: 55
 PS: 5
 Layer Notes:
 115-120cm: dirt layer
 125-127cm: broken stellars
 125-127cm: Problematic layer
 225-228cm: dirt layer
 228-231cm: Initial failure plane(?)

Specifics: Pit is adjacent to avalanche: other; Recent avalanche activity on similar slopes



Notes: Pit on a South-south east aspect 174 degrees. Trying to mimic crown from Grizzly Cup avalanche from April 7, 2023. 2 dirt layers (120cm and 225cm) Melt freeze crusts around the 225cm dirt layer and decomposing stellar crystals under the 120cm dirt layer. Best guess is that one of the melt freeze crusts with a layer of facets above it was the original failure plane for the avalanche which was triggered remotely from an air blast that was 2000' away (Emma 4).