

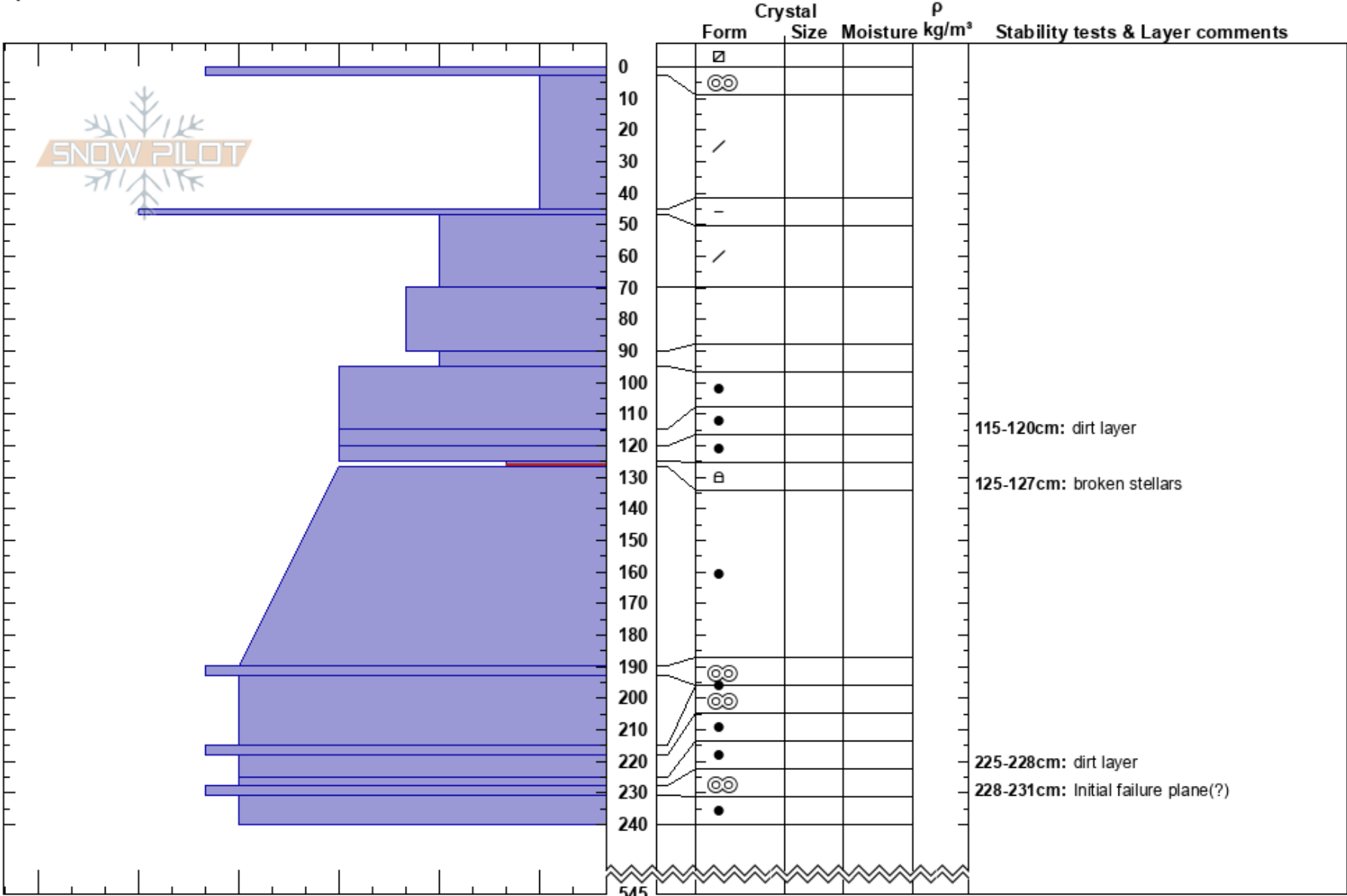
Michigan City 9730' SE
Central Wasatch
UT
Elevation: 9730 ft
Aspect: SE
Specifics: Pit is adjacent to avalanche: other; Recent avalanche activity on similar slopes

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(?)



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).