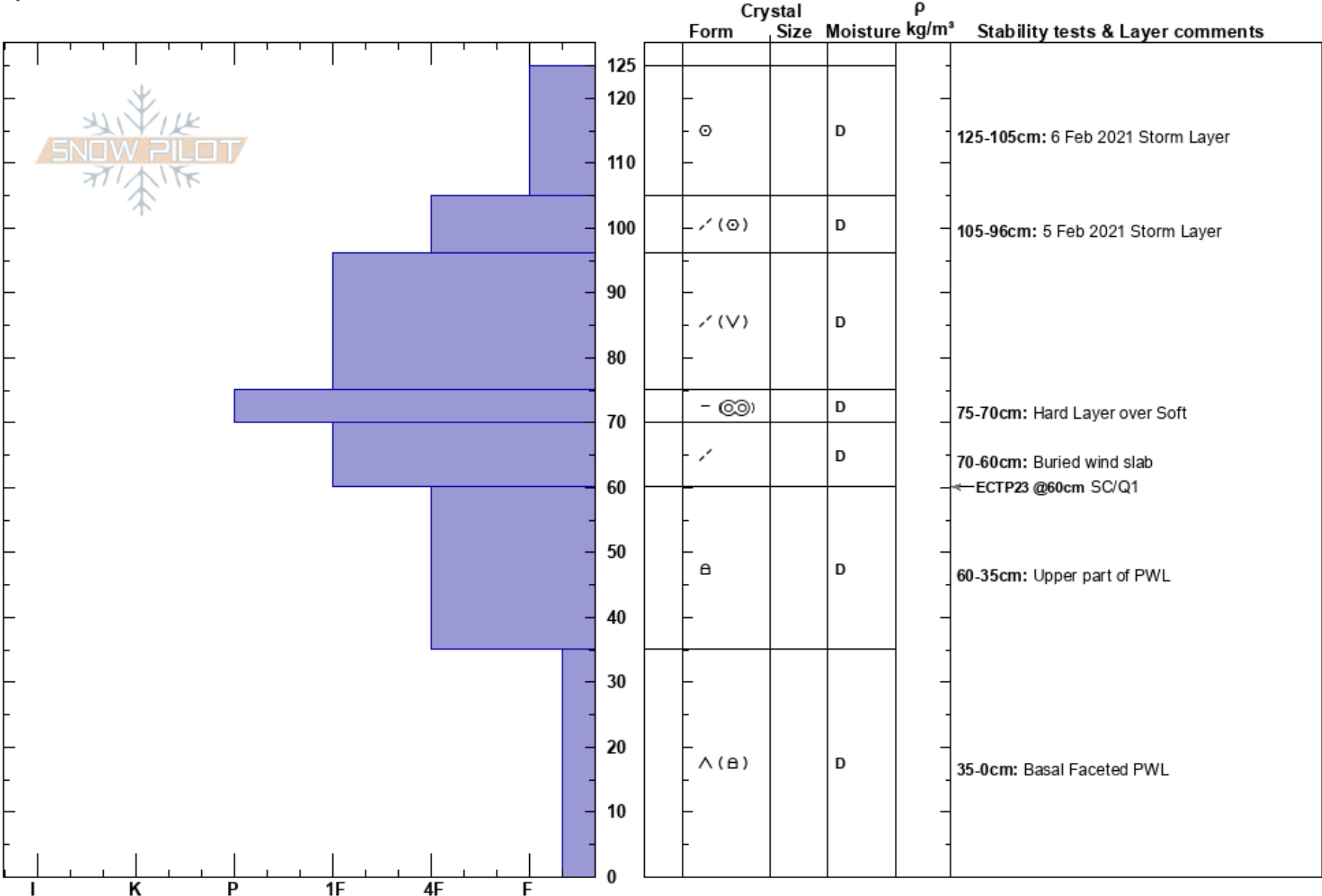


ABMRA-Final Exam
Bighorn Range
WY
Elevation: 9410 ft
Aspect: 22°
Specifics: Pit dug in a Ski Area; Pit is representative of backcountry; Collapsing, localized; Cracking; We skied slope

Bret Rhinesmith
02/07/2021 - 3:00pm
Co-ord: 44.59966N, -107.50839W
Slope Angle: 20°
Wind Loading: yes
Stability:
Air Temperature: -17°C
Sky Cover: OVC
Precipitation: NO
Wind: SW Light Breeze

HS:125
PF:70
PS: 10
Layer Notes:
125-105cm: 6 Feb 2021 Storm Layer
105-96cm: 5 Feb 2021 Storm Layer
75-70cm: Hard Layer over Soft
70-60cm: Buried wind slab
60-35cm: Upper part of PWL
[More Layer Comments below]



Notes: When skinning on ridge, there was collapsing and crack propagation (approximately 30 m). We selected lower slope angle for digging the pit. Based on observations, we selected low angle (<20 deg) terrain for descent.
Additional Layer Comments: 35-60cm: Problematic layer; 0-35cm: Basal Faceted PWL;