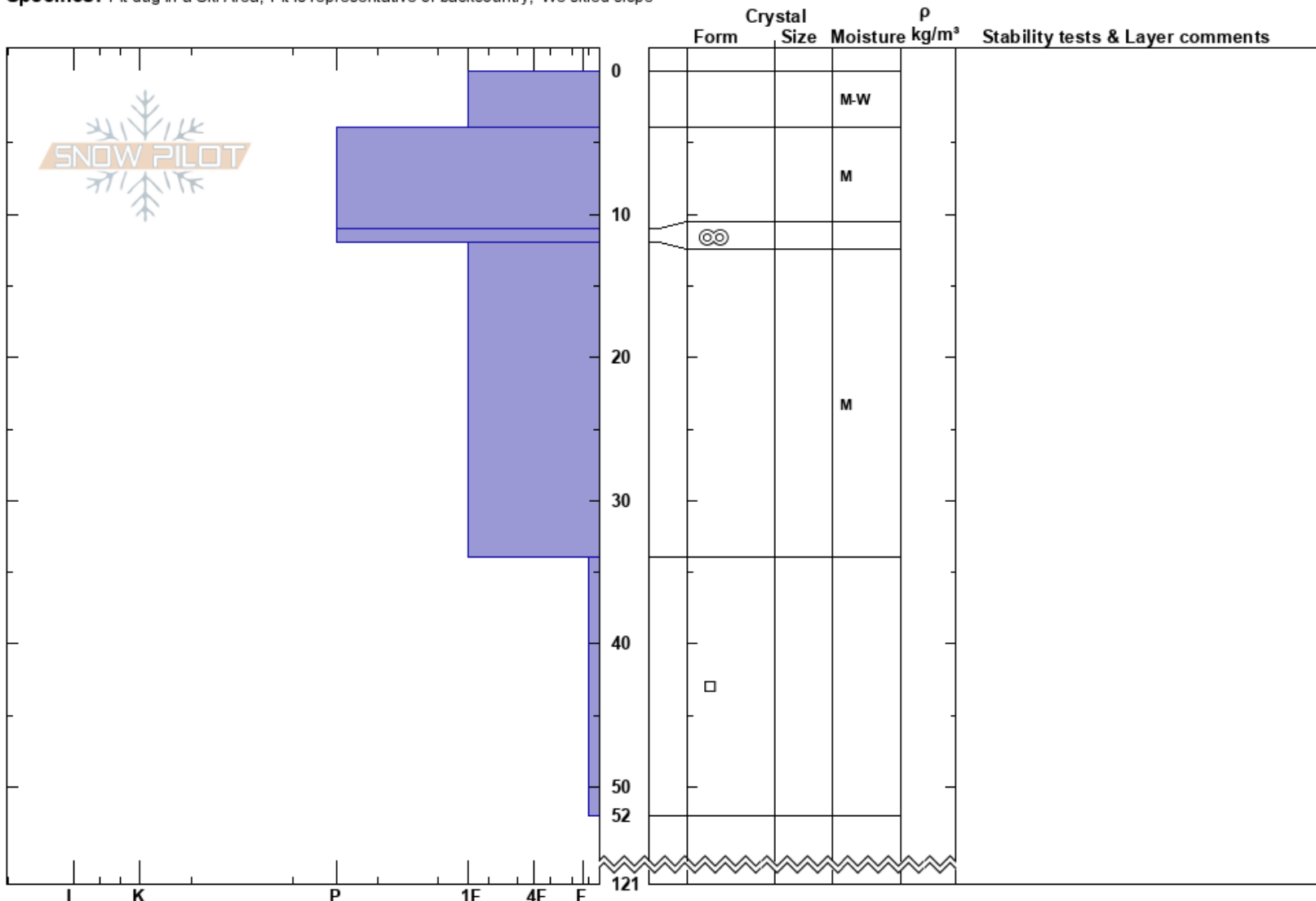


WCSA - South Hand Pit Andrew Pierce  
 San Juan Range 03/02/2022 - 12:45pm  
 CO Co-ord: 37.46250N, -106.77550E  
 Elevation: 10519 ft Slope Angle: 21°  
 Aspect: 179° Wind Loading: no  
 Specifics: Pit dug in a Ski Area; Pit is representative of backcountry; We skied slope

Stability: HS: 121 Layer Notes:  
 Air Temperature: 9°C PS: 5 34-52cm: Problematic layer  
 Sky Cover: CLR  
 Precipitation: NO  
 Wind: Calm



**Notes:** Quick hand pit dug on a Southerly aspect within the ski area but without skier traffic. Short slope, but representative of potentially similar terrain outside of the ski area. The objective was to see how far down moist to wet layers exist and attempt to find percolation columns.

- 0-4: Almost wet...seemingly plenty of free water
- 4-11: moist snow
- 11-12: Melt freeze crust with some dust
- 12-34: Mostly moist, main dust layer at bottom
- 34-52: This layer extended below where I stopped digging. Hard to tell if these facets were rounding (likely) because of warm air temp and direct sunlight. This layer also had large percolation columns that extended beyond the depth of the pit.