

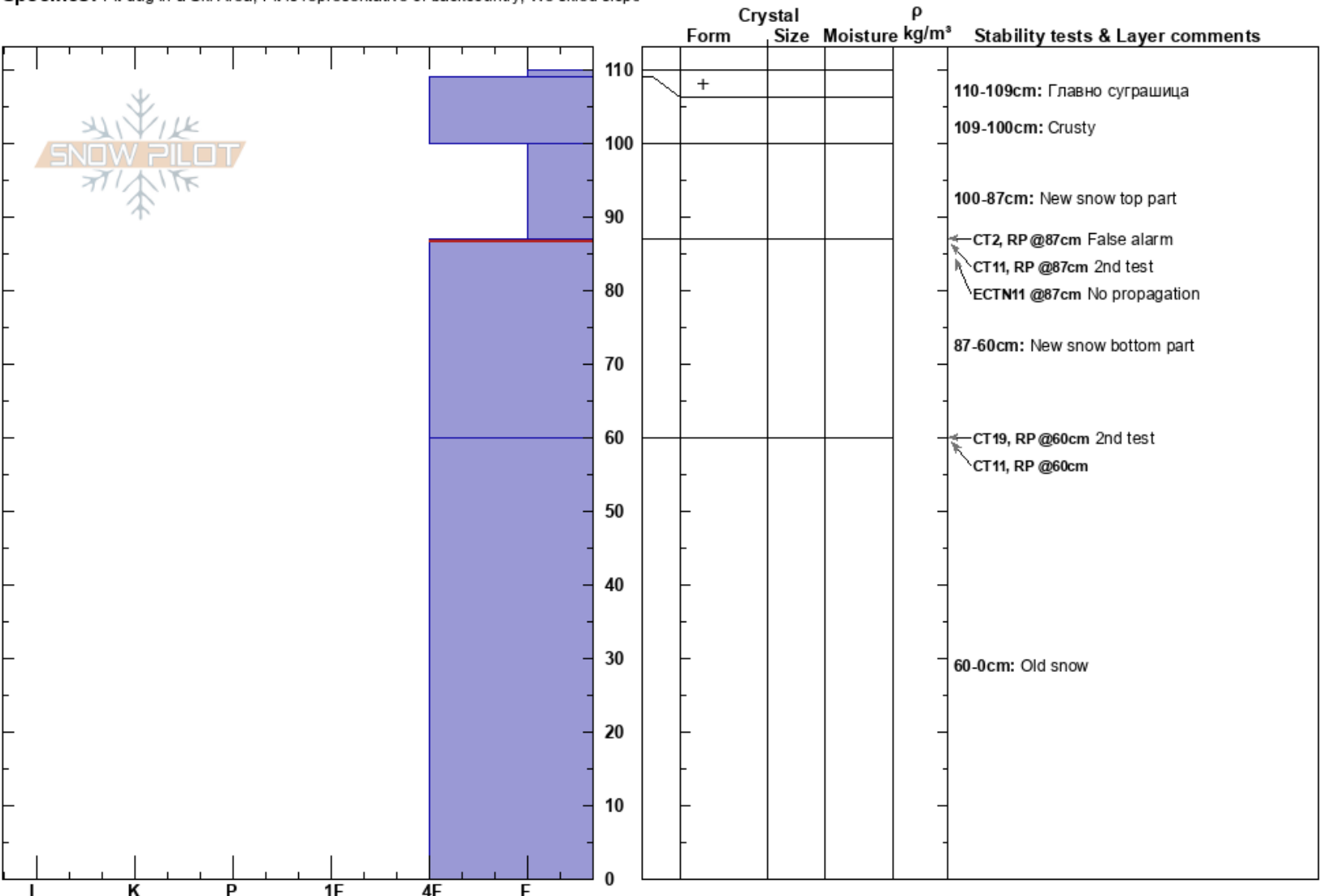
Markudjik 3 Snowpit  
 Rila  
 Bulgaria  
**Elevation:** 2400 m  
**Aspect:** E  
**Specifics:** Pit dug in a Ski Area; Pit is representative of backcountry; We skied slope

Kalin Markov  
 04/05/2024 - 14:40  
**Co-ord:** 42.20667N, 23.58147E  
**Slope Angle:** 26°  
**Wind Loading:** yes

**Stability:** Fair  
**Air Temperature:** 0°C  
**Sky Cover:**  
**Precipitation:** GR  
**Wind:** NE Moderate

**HS:**110

**Layer Notes:**  
 110-109cm: Главно суграшица  
 109-100cm: Crusty  
 100-87cm: New snow top part  
 87-60cm: New snow bottom part  
 87-60cm: Problematic layer  
 [ More Layer Comments below ]



**Notes:** Huge May snowstorm. New snow feels relatively stable, considering that 50 cm fell in just one night.

There are fractures that form, although there is no sliding on this 26 degree slope.  
 The snow started off wet and that may have helped for better bondage to the old snow below.  
 There is one place within the new snow, where it gets slightly softer, which also fractures relatively easily.  
 No propagation observed during ECT. However, wind was coming from the NE, and this slope has an E aspect, so likely the slab here is not as dense. Western and southern steep and wind drifted slopes may be very dangerous, especially with the warm temps and sunshine tomorrow.

. Additional Layer Comments: 0-60cm: Old snow;