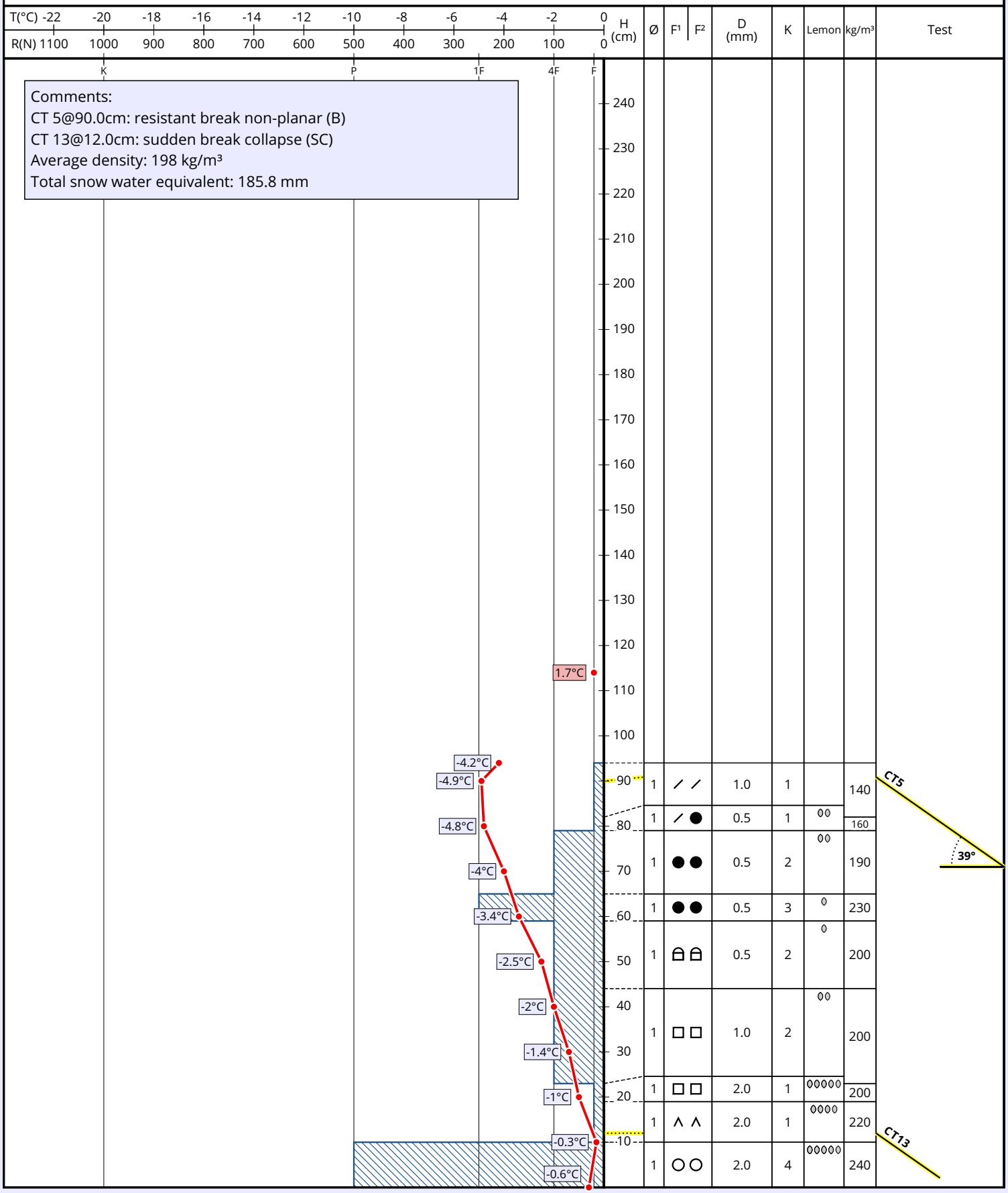
Snowprofile: Rosa Khutor, LO 13E-15

Name: Shepelev M	**e-mail:** sochi-m@inbox.ru	**Observation date:** 19. Dec. 2019 12:15
Place: Rosa Khutor, LO 13E-15	**Elevation:** 2300 m	**Air temperature:** 1.7°C
Subregion: Krasnaya Polyana	**Incline:** 39°	**Precipitation:** No precipitation
Region: Caucasus	**Aspect:** NW	**Intensity:**
Country: Rossija	**Wind speed:** Gentle (< 20 km/h)	**Sky condition:** Few (1/8 - 2/8)
Lat/Long : 43.6253° / 40.3101°	**Wind direction:** SW	**Profile-class:**

+ Precip. particles ● Rounded grains ∧ Depth hoar ○ Melt forms Faceted, rounded Melt-freeze crust
/ Decomp. / fragm. □ Faceted crystals ∨ Surface hoar ▬ Ice formations Graupel



Comments:
CT 5@90.0cm: resistant break non-planar (B)
CT 13@12.0cm: sudden break collapse (SC)
Average density: 198 kg/m³
Total snow water equivalent: 185.8 mm

H (cm)	Ø	F¹	F²	D (mm)	K	Lemon	kg/m³	Test
90	1	/	/	1.0	1		140	CT5
80	1	/	●	0.5	1	◊◊	160	
70	1	●	●	0.5	2	◊◊	190	
60	1	●	●	0.5	3	◊	230	
50	1	⌂	⌂	0.5	2	◊	200	
40	1	□	□	1.0	2	◊◊	200	
20	1	□	□	2.0	1	◊◊◊◊◊	200	
10	1	∧	∧	2.0	1	◊◊◊◊	220	CT13
	1	○	○	2.0	4	◊◊◊◊◊	240	

© 2019 LAWIS | Uni-Wien