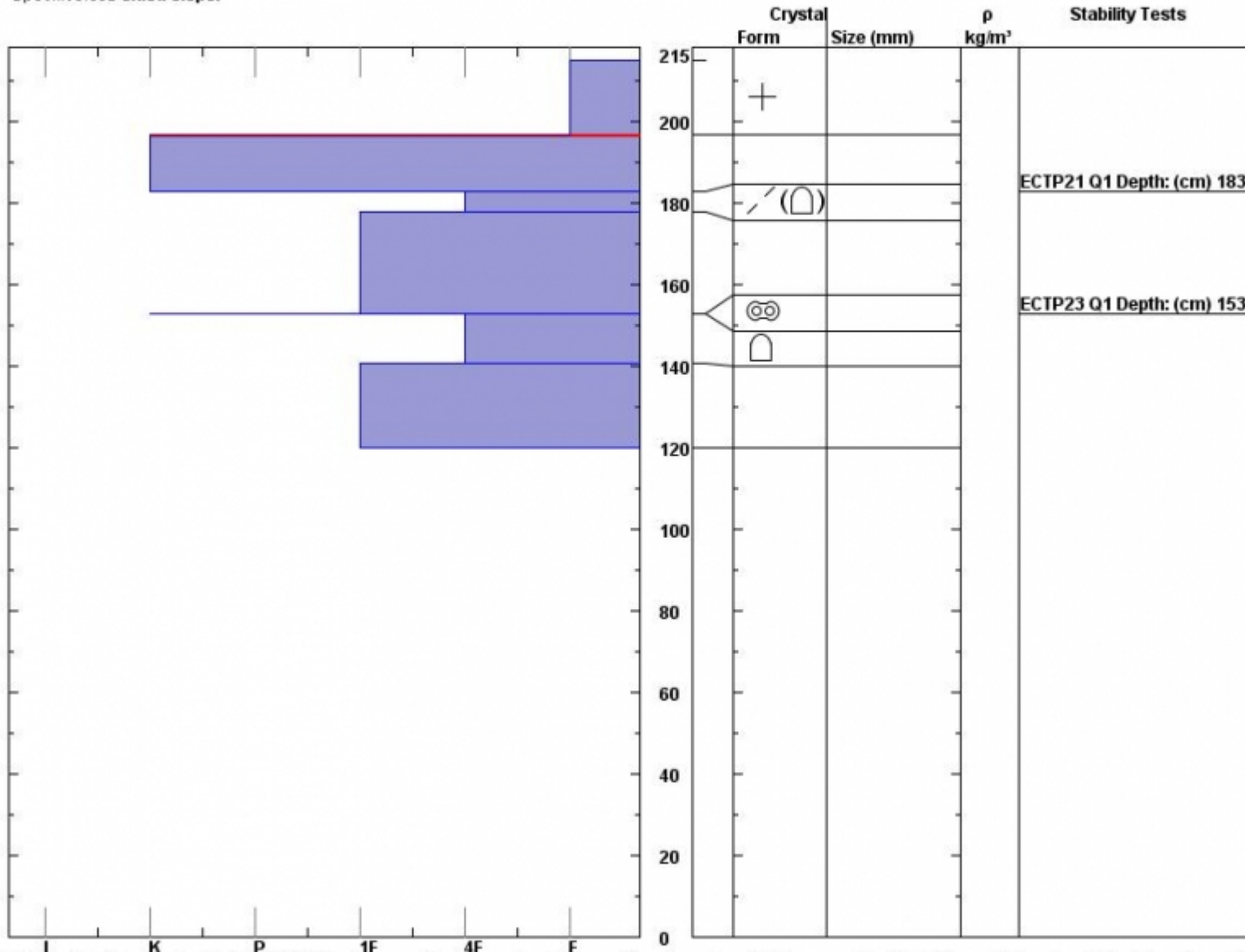


Snow Pit Profile
Blackmore E. Face
N Gallatin, MT
 Elevation (ft) **9693**
 Aspect: **102**
 Specifics: **We skied slope.**

Observer: **Mark Staples**
Thu Feb 17 12:25:00 MST 2011
 Co-ord: **45.44654 N 111.00096 W**
 Slope: **31**
 Wind loading: **no**

Stability on similar slopes: **Good**
 Air Temperature: **C**
 Sky Cover: **sky 4/8 to 8/8 covered**
 Precipitation:
 Wind: **SW**

Stability Test Notes:
 Layer notes:
197-215: F



Notes: The K hard wind slab at 197-183 not present in many pits. The crust/facet combo at 153 was evident in 3 pits and other hand pits. It produced ECTP21 in pits above it. In another pit with less snow above it, this layer produced ECTN while in another it produced ECTP21 in pits above the crust. Overall not a major concern with recent loading. It would need a very heavy wind load to break. Primary concern is simply wind slabs and new snow.

This snowpit shows a faceted layer just under an ice crust about 2ft deep. It is not a major concern as it does not have enough stress from recent snow to produce widespread avalanches. However, its ability to propagate fractures (ECTP) is a red flag that tells us human triggered avalanches are definitely possible. Check the videos from Feb 17th and Feb 6th.

Advisory Region
 Northern Gallatin
 Northern Gallatin, 2011-02-18