

1. **[08:00 – 08:30]** Park and meet near the northern tip of the Rob Roy Reservoir, where French Creek Rd comes to a fork with US Frst Service Rd 561 at the following coordinates: **41.222306, -106.261056**
2. **[08:30 – 09:30]** Head west on US Frst Service Rd 561 just past Skylark Rd. To the east of US Frst Service Rd 561 (across the street from a cabin) is a large tailings pile and the No. 71 Adit, which exposes a gossanous, silicified mylonitic rock that likely hosted quartz veins and ore. The New Rambler was originally mined for Cu prior to the recognition of Pt and Pd. The region also contains numerous Au placers.



Mylonitic rock exposed in the No. 71 Adit

3. **[09:30 – 10:30]** Continue north on US Frst Service Rd 561 just past the outcrop in the road to observe mafic-to-ultramafic outcrops of amphibolite, layered metagabbro, and metapyroxenite.

4. **[10:30 – 11:30]** Turn around on US Frst Service Rd 561, head south and east to US Frst Service Rd 555, follow for a while until outcrops of relatively massive, megacrystic felsic intrusives appear.



Quartz vein crosscutting massive quartz monzonite

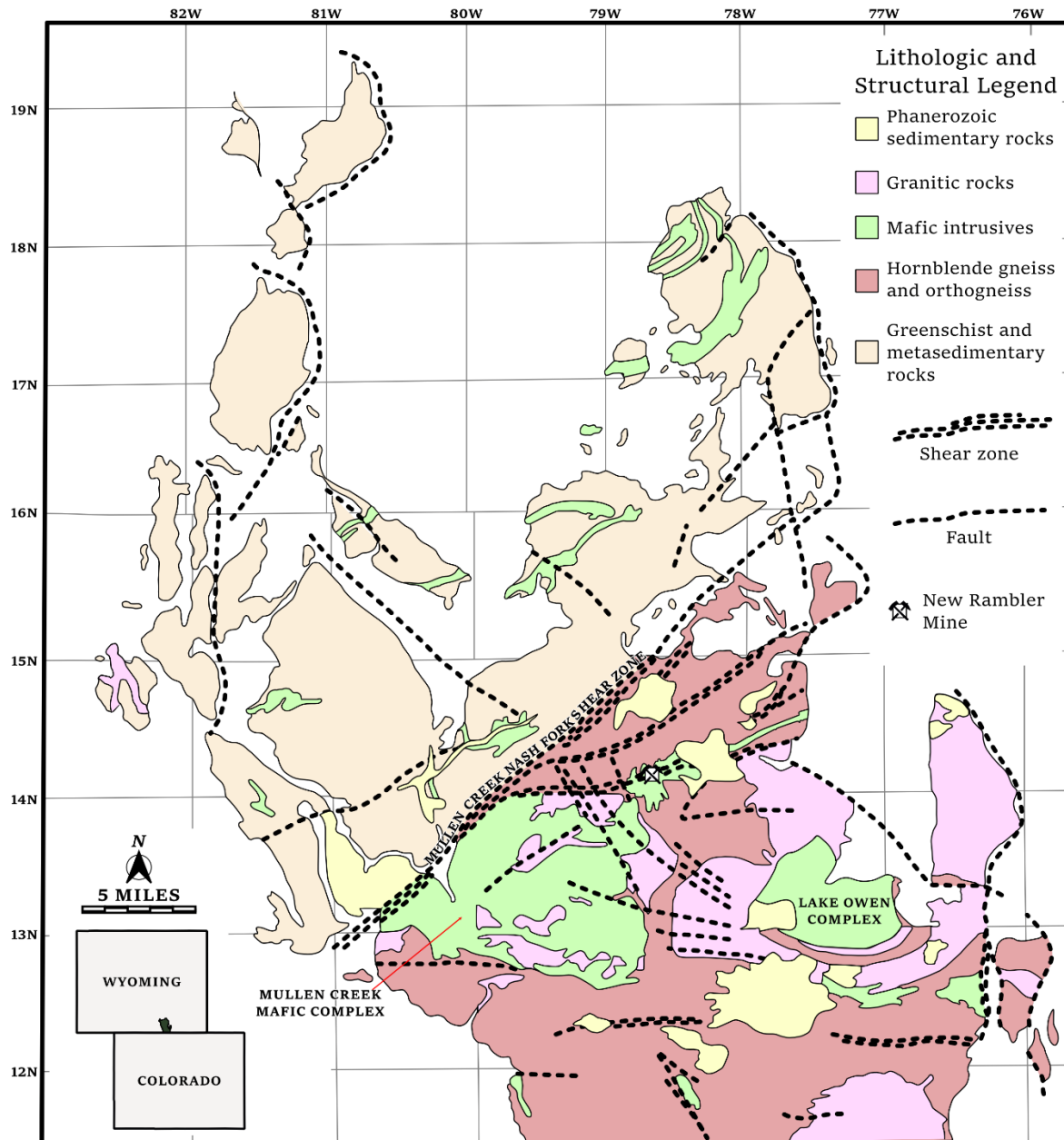
5. **[11:30 – 12:30]** Head south on US Frst Service Rd 555 to original meeting point, break for lunch near the Rob Roy Reservoir.
6. **[12:30 – 14:30]** Explore the historic mines and tailings piles near French Creek Road and Rambler Road, including the Blanche Mine tailings and New Rambler ruins (shaft house, cabins, tailings pond, etc.). Both the Blanche Mine and New Rambler Mine are inaccessible and caved in, but the remnant tailings piles are large, extensive, and offer a glimpse into the subsurface geology and precious metal mineralization.

7. **[14:30 – 16:30]** Explore the Joker No. 4 shaft and shaft house, please note that this stop may involve some bushwhacking!

The shaft house itself is well preserved, as is the history at this site. When active in the early 20th century, the miners worked year-round, so this structure was critical for protecting them from the elements. The timbering in the mine is additionally impressive, as is the quality of the structure. In addition to a large tailings pile there are many prospects around the Joker No. 4 shaft.



Joker No. 4 Lode, timbered mining shaft (~135 ft deep)



Simplified regional geologic map of the Medicine Bow Mountains, after McCallum et al., 1976

A field trip map is provided on the next page

