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# [1040-011] ARSENAULT

Sun. July 27/97  
Sunny +20°C  
NYS 104013E

- stayed overnight at Jennings Outfitters at west end of Swan Lk. (nice place!)

- Mitch Mihalovik (Jkin) - overview of regional strat.

also: Fairfield Minerals (Ed Ballant + Voigttech) working N. of Hwy. in Yukon

- metaseds/metarocks. strike NW + dip 30° SW - swarm of N-S QFP dykes; tightly, complexly folded (NW-verging).

cpy + py + po in mafic member (actinolite-epidote schist)

→ calc-silicate (epidote + garnet) skarn-type min.

- sulphide zone = 27.6m  
(DTH 79-2: 6.7m @ 0.22% Cu)

- amphibolitic grade reg. met am.

Host rx part of Big Salmon Complex.

Dissem cpy in qtz eye unit.

BAD black flies + mosquitos!!

NTS 1040/65 HAZEL RIDGE July 27/97  
Sunday + 20°C

- see Mitch's 1996 paper re -  
"couplet" (Piedmontite-iron fm)  
(mn exhalite? + iron fm - à la  
Wolverine?)

~~Photo~~ Look ESE from Hazel Ridge  
Piedmontite to Arsenault  
Photo: Qtz 'sweats' folded in  
qtzite (below Piedmontite)  
Chalocite + mal. in qtz. vein <sup>insult</sup>  
<sub>grite</sub>

- Piedmontite (pink-red qtzite) at top of Ridge  
+ spec. hem. in <sup>(black)</sup> qtzite  
Photo: Folding in qtzite / Piedmontite

ARSENULT (cont'd) (core fallen over)

Photo: Calc-silicate (A hammer)

- garnet-epidote - cpx-pz  
- > 30m thick marble/calc-silicate  
zone @ E-W; in contact with qtzite

Photo: Look WNW over Arsenault fr. to Hazel  
Photo: Actinolite-epidote-calcite + cpx/px  
calc-sil. <sup>old expl'n camp + core in low grade</sup>  
Photo: Look W below H. blue qtz-eye <sup>tail</sup>