

visited the showing on June 18th; it is a silicified carbonate breccia adjacent to a leucogranite dyke with only local concentrations of Pb/Zn/Cu sulphides. The occurrence bears no similarity to the m.s. boulders. Kokanee still plans to trench and drill the showing as well as a couple of other new anomalous zones.

**HORN** Minnova Inc. has started its comprehensive program on the Horn property near St. Mary Lake, west of Cranbrook (82F/9E). The property is optioned from Kokanee Explorations Ltd. which discovered several thin beds of Sullivan-style massive sulphide mineralization near the Lower/Middle Aldridge horizon on the adjacent Darlin property owned by Chapleau and Barkhor in 1991. Early drilling is planned by Minnova to test the same mineralized horizons where they extend onto the Horn claims but that drilling has not yet begun. The Darlin property remains inactive because Minnova has not concluded a satisfactory deal with its owners but negotiations apparently are continuing.

#### Activities:

- compiled and reviewed statistics relative to implications of suggested move of District Geology office from Nelson to Cranbrook; submitted conclusions to Victoria.
- Vacation (HPW) - 1 day (May 8).
- Mike Cathro entertained and instructed two "shadow" students from local secondary school who were interested in geological careers (May 7 & 27).
- visit by Vic Preto to Nelson office (May 11 & 12); included discussions with Dave Cherry, President, Chamber of Mines of Eastern B.C. re prospector training and other topics, as well as a brief visit to the Katie drilling project near Salmo.
- at request of Ministry of Transport, investigated possible explanation for difficulty they encounter with calibrating magnetic security screening devices at Cranbrook airport; conclusion: strong magnetic anomaly associated with granodiorite intrusion, both centered at Cranbrook airport.
- gave presentation on geology and mineral potential of Lasca Creek area to Ministry of Forests, Lasca Creek LRUP committee meeting in Nelson (May 14).
- two short visits to Jackhammer prospect on Coffee Creek north of Balfour (May 20 and June 30); new prospector discovery of massive Pb/Zn sulphides in wide ankeritic shear zone.
- gave presentation on geology and mineral potential of Clearwater Creek area (Nelson Watershed component) to Kootenay Valley Sawmills-Coordinated Sub-Unit Watershed Planning Meeting (Nelson, May 21).
- District Geology Section teleconference with Graeme McLaren to discuss proposed Mineral Land Use Planning Officer positions (May 26).
- Attended two evening discussion meetings in Republic, Washington, of Northeast Washington Geological Society:
  - May 28 (with Mike Cathro) - Reviews of exploration and industrial minerals in Washington.
  - June 25 (with Rick Meyers) - Detachment origin of Republic Graben.