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TGS → RG
- Kamloops

Schroeter, Tom EM:EX

From: Cathro, Mike EM:EX
Sent: Wednesday, July 28, 1999 4:40 PM
To: Adams, Rick EM:EX
Cc: Britton, Jim; Brown, Derek; Lefebure, Dave; Madu, Bruce; McArthur, Gib; Pinsent, Robert; Schroeter, Tom; Lane, Bob; Wilton, Paul; Wojdak, Paul
Subject: Cathro Weekly to 7/28/99

HIGHLIGHTS:

Windpass-Sweethome Mine (Al Hilton) - field visit on 7/19 with Hilton, J. Logan and R. Mann to visit these historic past producing gold mines located east of Dunn Lake (92P/8). Quartz, magnetite, and pyrite occur in east trending, shallowly north-dipping veins up to several metres wide. Mineralization is anomalous in Bi, Cu, Co and probably Te ("telluride shaft"). The veins cut a large diorite/gabbro sill which intrudes basalt and chert of the Fennel Fm, approximately two km west of the contact with the Cretaceous Baldy batholith. Quartz vein mineralization is associated with a pale grey and greenish grey rock which may be albite alteration. No obvious similarities with intrusion-related gold deposits were noted; there are no felsic intrusive, aplite or pegmatite rocks visible on the dumps.

Lucky Coon, Elsie, Spar Pb-Zn-Cu-Ag-Au deposits (Kane estate) - field visit on 7/20 to these interesting massive sulphide deposits on the Adams Plateau NW of Scotch Creek. Vic Preto (Getty Copper) provided an excellent running commentary for myself, Suzanne Paradis (GSC), and Sean Bailey (UVic MSc student). See T. Hoy's write-up in Fieldwork 1998 for a description.

Ranchlands
Z2 Quarry and Ashcroft Zeolite plant (C2C Mining Corp.) - George Simandl and I toured the Ashcroft facility with Howard Johnson (mining and trucking contractor) and Matt Thompson (sales rep.) on 7/21. Zeolitic shale from Z2 pit is crushed and screened to produce "Cage" industrial absorbant (+80-40 mesh), "Mucker's Mate" barn deodorizer (-80 mesh) and "Zippity Doo" cat litter (+40 mesh), plus "Loc" absorbant (powdery fines). These are packaged in 10 kg bags (\$7 each) and 1000 kg sacks. The plant has processed about 600 tonnes since the fall, out of approximately 1000 tonnes mined. It appears to be a well designed plant, although dust and noise are apparently an issue with nearby neighbors (who live on the opposite side of the CN tracks.....)

new
Cyan perlite claims (Chuck Marlow) - Simandl and I also visited this newly discovered perlite occurrence located east of Kamloops (**CONFIDENTIAL**). Perlite is a type of volcanic glass that expands when heated. It has uses in lightweight insulation products (e.g. ceiling tiles) and in soil mixtures for potted plants. A good source of perlite in southern BC could be very marketable as other deposits (e.g. Frenier near Empire Valley) have very poor access.

Dick claims (Gordon Webster) - On 7/23, Simandl, Webster and I visited this property located SW of Princeton. It contains a deposit of unusual bright white clay which has been identified as the mineral halyosite (similar to kaolinite) by Dan Hora. It appears to have potential uses as a filler/coater in paper and plastics manufacturing (note that kaolin is currently imported into BC from Georgia). Simandl will conduct additional tests. Webster recently optioned the property to Oilite Industries, a private Calgary company who are testing it for petroleum processing applications.

Bud bentonite quarry (Western Industrial Clay Products) - Also on 7/23 Simandl and Webster and I visited this new quarry located near Allenby, south of Princeton. WICP optioned the property from Webster in 1998 and took a 6,000-7,000 tonne bulk sample in the fall/winter. The calcium bentonite acts as a clumping agent for diatomaceous earth cat litter (from WICP's Red Lake quarry), and replaces sodium bentonite which was previously imported from Wyoming. The material is pale greyish yellow in colour and appears quite clean; it develops a good popcorn texture when exposed to the weather. WICP has applied for a mining lease and small mine permit. A good news story!

Bee 1 (Allenby) (Western Industrial Clay Products) - we also stopped briefly at this zeolite property located a

few km north of Bud. This property was also optioned from Webster and WICP took a small bulk sample (20-30 tonnes) in 1998 to test it for quality. This rock has quite good absorbant properties (probably better than Z2). WICP has not said what they intend to use this material for, although, it is likely that they will compete with C2C Mining in the zeolite absorbants field.

Upcoming:

7/28 - Field, Chinook Mountain area (with Bruce Madu)

7/29 - Field, Pongo claims, East Barriere lake (with Larry Ovington)

8/04 - Field, Heffley Lake area (with GSB mappers G. Ray, I. Webster and D. Lefebure)

Mike

Mike Cathro
Regional Geologist
Mines Branch, Kamloops

tel. 250 828-4566 fax 250 828-4726
Email: Mike.Cathro@gems2.gov.bc.ca