

Schroeter, Tom EM:EX

Vent
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Kam loops

From: Cathro, Mike EM:EX
Sent: Friday, August 18, 2000 4:43 PM
To: Adams, Rick EM:EX
Cc: Britton, Jim; Brown, Derek; Lefebure, Dave; Ludwig, Allan; Madu, Bruce; McArthur, Gib; Payie, Garry; Schroeter, Tom; Houle, Jacques; Lane, Bob; Wilton, Paul; Wojdak, Paul
Subject: Cathro Weekly to 8/18/2000

IM
Mt. Rose Silica Quarry - field visit on 8/17 with L. Morganthaler and owners Chuck and Sharon Melanson. The quarry (82LSW066) is located 6 km SW of the town of Armstrong. Between 1968-74 it produced 5034 tonnes of quartz for stucco dash, exposed aggregate and metallurgical uses. A fairly large (12 m wide by 75 m long?), strongly fractured, white quartz vein (the Ivan vein) is hosted by Cretaceous quartz diorite. Sampling by the Melansons shows that the vein is quite pure quartz (approx. 99.5% SiO₂) but contains contaminants (0.3-0.5% FeO and up to 0.2% Al₂O₃) and as such would not be suitable for high-tech uses (e.g. silicon metal). The iron mainly occurs as limonite staining on fractures and very rare late veins which contain pyrite and pyrrhotite. Very rare traces of specular hematite, galena and sphalerite were also noted and two samples were taken for Au-Ag assays. Approx. 500 tonnes of broken material is stockpiled in the pit and a substantial quantity remains to be mined from existing benches (> 10,000 tonnes in my opinion). We suggested to the Melansons that their best bet for early cash flow would be to market the quartz as landscape rock, stucco/roofing granules, golf course sand or flux (e.g. Trail smelter). It was further suggested that in order to keep their up-front costs to a minimum, they should consider selling in bulk to an established landscape/stone company (e.g. Kettle Valley Stone) who have mining expertise and equipment. A NoW for a 500 tonne bulk sample should be forthcoming.

Dobbin (Verdstone/Molycor) - Now received for 5000 m of drilling, 500 m of excavator trenching, soils and regional prospecting on this very interesting Cu-Pt-Pd prospect located NW of Kelowna. (Note - the companies are very short of funds and a source of financing is still not apparent to me). Graham Nixon (GSB) has been doing geological mapping over the area and Colin Dunn (GSC-Sydney) is doing a biogeochemical/soil survey.

Afton (DRC Resources) - Results released for hole 5 (880 ft of 1.87% Cu, 0.044 opt Au, .005 opt Pd and 0.235 opt Ag). Holes 6 and 7 have been completed with assays pending. (MSC comment: note how consistent the results have been so far; this is to be expected given that all holes have been drilled from two set-ups at a low angle to the mineralization). The \$5 million financing closed so lots of cash is available to keep the project going.

IM
Tufa Rock Garden (Pat McBride) - NoW received for 10,000 tonnes of tufa from the Angel Springs occurrence ((82ENW107) for "alpine garden" and landscape rock uses. The proposed project is within the Myra-Bellevue proposed park, approx. 300 m below the Kettle Valley railway/trail right-of-way. Given the potential for controversy here, it is perhaps not suprising that Eric Beresford is involved in the project!

Vent (Doublestar Resources) - reported high rare earth element results (particularly Ce, La, Nd) for this property located in Riddle Creek, 16 km SW of Summerland. The mineralization is hosted in a tuff layer between trachyte flows. Interestingly, the trachyte flows in this area are reported to contain up to 0.012% uranium and 0.038% thorium (Riddle Creek occurrence, 082ENW071). The Doublestar work makes no mention of radioactive elements or testwork.

Prospector Assistance Program Updates

steep
Cleve Lowry - was visited in his field area west of Adams Lake on 8/15. He is finding interesting Zn-Cu anomalies in soil (VMS?) and weak Cu mineralization in a very extensive (250 m wide by ? km long) garnet-pyroxene-pyrrhotite skarn, which is a NW extension of the Steep skarn occurrence (Unit EBK of Schiarizza and Preto).

Garrett Ainsworth - discussed his project by phone today. 81 claim units were staked last week to cover prospective gold ground around Monashee Mountain. Approx 60 soils were collected and several quartz veins