

Schroeter, Tom EM:EX

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Sent: Friday, September 21, 2001 3:52 PM
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Cc: Dave Lefebure; Derek Brown; Duane Anderson; Gib McArthur; Rick Conte; Tom Schroeter
Subject: 2- Week Report, Sept 20, 2001

Ecstall GSB program - Toured **Packsack VMS** prospect (103H 013) southeast of Prince Rupert with Dani Alldrick on Sept 8. Impressive massive pyrite but low grade; 2.7 million tonnes of 0.5% Cu, 0.2% Zn, 34 g/t Ag, 0.3 g/t Au indicated by 10 shallow drill holes in 1960. Three deep holes by Cominco in 1990 were very disappointing, and no work has been done since. Dani suggests Packsack may be a folded linear deposit and therefore plunges north and south, out of range of Cominco's holes.

Eskay Creek - Surface tour on Sept 17 led by Ian Dunlop, and underground by Earl Masarsky. Arranged for Larry Diakow (who is mapping possibly correlative strata in the Bella Coola area) and Tom Schroeter. Mine staff suggest that Barrick may want to increase production from current 540 tpd to 740 tpd. If this develops, it will be a challenge for the very difficult-to-mine deposit and the now highly congested surface site. Increased production would shorten mine life to about 2005, based on current reserves. Exploration targets, as previously reported, are more diverse this year than last and includes the deep footwall (below the rhyolite) near the important Pumphouse fault (ore controlling structure?) and along strike close to the Sib claims.

Tide - Former Newmont and Hemlo Gold property immediately north of old Granduc minesite, latest acquisition by Rimfire Minerals, visited on Sept 16. Short field program was conducted by Rimfire to assess metal zonation and develop an exploration rationale. The northern part of the early Jurassic Summit Lake stock (a hornblende-feldspar granodiorite) and adjacent volcanic/sedimentary rocks is highly anomalous in gold (>100 ppb over 1 x 2 km area). The area is sericite-carbonate altered, cut by east-west pyrite-arsenopyrite-molybdenite-etc veins and north-south structures.

Premier - Gave Rimfire personnel (Caulfield, Awmack, Baknes, Gish) tour of Premier deposit on Sept 16, reviewed geology and mineral zoning.

RDN - Phase 2 drilling program on Newmont's project near Bob Quinn was visited on Sept 18, with Mike Stammers and Al Montgomery. Overturned, steep east-dipping stratigraphic sequence confirmed by graded bedding. Strong pervasive sericite alteration affects footwall dacite, rhyolite breccia and intrusive(?) felsite, which are overlain by graphitic mudstone. Close similarity to Eskay setting and analogous geochem signature are very encouraging. Current drilling is immediately north of previous drilling by Noranda (circa 1990) which targeted very high grade veins (up to 100 g/t Au) but were not directed toward the rhyolite/mudstone contact and therefore did not test for exhalative mineralization. Strength of alteration and widespread mineralization is encouraging, property warrants more drilling no matter the outcome of this program.

Morrison - Pacific Bookers drill project on this Babine porphyry deposit visited on Sept 20 with Tom Schroeter. Recent Mines Branch coop, Kosta Lesnikov is carrying out systematic drilling (300 metre deep holes on 60 metre grid, all angled at 45) which will give much better information to evaluate the deposit. Seventeen holes (5100 metres) have been drilled this year. Downhole surveys, geotech logging, new topo base, Gemcom plotted sections etc point to higher standards of operation than in past.

Kerr / Sulphurets Gold - Assisted Noranda in the field and in Smithers office, with their examination of this important porphyry copper-gold deposit. No Placer-Dome personnel were still on staff or available. Loaned photos and showed suite of samples. Noranda exploration staff will try to overcome senior management's negative perception of BC.

Prospector Assistance - 2.5 days with Shaun Turford in southern Ecstall belt (Sept 8-10). Examined Bell claims near Kitkiata Bay (on Douglas Channel south of Kitimat) and Dani claims (on Hawkesbury Island in Douglas Channel) and discussed possible VMS context of mineralization.

Field Trip - Smithers-Houston Geology and Metallogeny (Sept 13) trip had 13 participants to see regional stratigraphy and mineral deposit settings. High lights were Eskay environment in Cretaceous Skeena/ Rocky Ridge rhyolite and porphyry copper prospect in Bulkley stock to be drill-tested shortly by Doublestar Resources.