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Babs

the East Gold fault, are mineralized with quartz and arsenopyrite. Hemlo will be following up on encouraging results.

KONKIN SILVER
*Konkin Silver (103P new), a showing discovered by Teuton Resources in late 1994, on the east edge of the Cambria Icefield was examined on Aug 6 with Ed Kruchkowski and Alec Walus. Drilling was just getting underway, funded by Silver Standard Resources Inc under an option agreement with Teuton. Host rock is green to maroon andesite breccia and tuff of the Hazelton Group. An irregular vein and breccia comprises 70% carbonate (with some rhodochrosite), 20% coarse bladed barite and minor quartz plus galena, pale sphalerite and trace pyrite. Assays of 40 oz/t Ag, 2% Pb, 3% Zn across 16.5 ft have been reported (GC Aug3). Low temperature open space filling is indicated by textures such as cockade banding and absence of wallrock alteration. The massive volcanic host rock appears to lack any structure to indicate a sizeable dilation zone. The vague arcuate shape of the zone, or "bow structure", that the company has compared to Torbrit Silver appears to be a small-scale feature.

WILLOUGHBY
*Camnor Resources' Willoughby (103P 006) gold prospect 6 km east of Red Mountain was toured with Andrew Wilkins and discussed with Dave Visagie on Aug 6. About 5,000 ft of drilling had been completed (3000 on North zone, 2000 on Willow). Press release subsequent to my visit includes 11.3 opt Au in a 2.9m drill intercept that helped trigger the decision to develop a 100m adit to facilitate further drilling. Extreme terrain on the Willoughby nunatak limits North zone drilling to just 3 set-ups. Camnor is trying to follow the North zone with tight 10 meter drill spacing on section but is still coming up with "misses" due in part to segmentation by NE faults with right lateral apparent offset. The project requires better structural understanding of plunge control. The surface program will conclude with 9500 feet completed in 27 drill holes. About a dozen mineralized zones are identified, some within hornblende diorite correlated with the Goldslide intrusion, others within Hazelton volcanics. The gross trend is NW, suggesting one overall ore-controlling structure. An interesting feature of the Willow zone is massive pyrite replacement of bryozoa in limestone.

*I joined the Babine (NATMAP) program with Don MacIntyre, Ian Webster and Kim Bellefontaine on Aug 8,9 to visit the Saturday Lake Babine porphyry and Lennac Bulkley porphyry prospects. Little work has been done at Saturday Lake (093L 224) since Amoco drilled 5377 ft in 16 holes in 1972-73, work supervised by Tom Schroeter. The area is very nearly devoid of outcrop, meaning that the old core is particularly valuable. It was located in good shape except that about six entire holes were represented by empty boxes, presumably the most interesting core was taken later for Au assay. Literature research will be carried out this winter.

The Lennac prospect (093L 190,191) was discovered by Amax about 1970. In the past few years Kennecott discovered the Suratt showings 1 km east of the Amax zones, a new zone of porphyry Cu(-Mo) mineralization. Cominco conducted a reconnaissance IP survey over a large mag anomaly, in search of a large porphyry system between Suratt and showings to the south (093L 242, 243). Kennecott nor Cominco pursued this new zone of favourable geology, widespread alteration and mineralization to the drilling stage.

BABS
I examined drill core from the Babs Cu-Au porphyry and MR Ag-Cu prospects, both in the Babine camp, on Aug 10 at Ralph Keefe's residence on Francois Lake. An intriguing aspect of Babs core is exceptionally well developed flow banding in rhyolite breccia with chalcopyrite preferentially deposited on quartz phenocrysts. The rhyolite is very similar to the Babine age rhyolite on the Newman Peninsula south of Bell Copper. Northern Dynasty have optioned the property. In the MR core Cu-Ag is not visible except for a short interval of high grade chalcocite associated with sooty carbon?

A 1m interval = 14.7% Cu + 569 g/t Ag, Min. = laminations // to bedding. Low grade Cu-Ag in ad. strata = 'minor'

Wojdak M.R. Aug '95

intrusions. Core is stored off the property and essentially no logs were filed for assessment. I have contacted Gordon Leask to obtain property data and access to drill core. Fireweed was discovered by prospecting based on a caldera model but was drilled (in part) on a VMS model. My aim is to refine deposit type and relate it to a camp model in conjunction with Don MacIntyre.

* I re-visited the Babs prospect (owned by prospectors Ralph Keefe, Joe Hidber and Mel McOuat) in the Babine porphyry camp and examined geology on Newman Peninsula south of Bell Copper with Don MacIntyre on July 12. Babs is a worthy exploration target despite Equity Silver and Noranda having dropped their options after drilling programs in 1992 and 1994 respectively. My previous visit was in November 1992 during Equity's drill program when there was snow on the ground. Of prime interest is a glacial boulder train of stockwork veined biotite feldspar porphyry containing up to 0.9% Cu and 1.3 g/t Au. Eleven holes have been drilled, targeted on IP and magnetic anomalies, but none have been collared up-ice of the boulder train. Three holes have intersected low grade copper (eg 0.19% Cu over 78 m) within quartz eye rhyolite tuff (related to Babine eruptive centres?). It has been suggested that the boulders were derived from the Granisle deposit 20 km to the northwest, but it appears fortuitous that mineralized boulders should be deposited on top of low grade copper in bedrock. Northern Dynasty is negotiating to option the Babs.

*Nak (93M 010) drill core was examined with Don MacIntyre on July 13-15. Bill Howell of Hera Resources was a gracious host. The first phase of drilling comprised 15 holes (3005 m) within a 600 x 1400 meter area. Copper mineralization is widespread but grades somewhat less than expected. Best intercepts are threshold economic grade, 0.425% Cu, 0.106 g/t Au over 104 m and 0.409% Cu, 0.718 g/t Au over 119.5 m, in holes 2 and 15 respectively. Another 10,000 feet of drilling is subject to NoW approval and probably a License to Cut from MoF.

At least three Babine intrusive phases are evident and comprise a series of dikes. Intrusive rocks are more prevalent in the southern limits of the drilled area whereas holes to the north are in pyritized andesite (the pyrite halo). Crowded biotite feldspar porphyry (BFP) grades to abundant non-porphyrific biotite, and these are interpreted to be contemporaneous. Sparsely porphyritic BFP is younger and brecciates crowded BFP. Copper occurs as finely disseminated chalcopyrite in crowded BFP and as widely spaced chalcopyrite fracture veins in andesite hornfels and both porphyritic phases. Bornite veins occur in the two BFP's but not in hornfels. Pyrite content is low in areas of copper mineralization. Specularite is abundant in holes at the southern limits of drilling. In the central drill area strong argillic alteration and attendant tourmaline-quartz fracture veining is irregularly superimposed on both andesite hornfels and intrusives, and does not correlate with better copper mineralization. Chlorite alteration was noted in holes drilled to the south. Secondary biotite was identified in hornfels and more rarely in intrusive rocks with best potassic alteration (secondary biotite and minor K-feldspar) occurring in the most southwesterly hole. This may be the direction to pursue better copper grades.

*Cominco's percussion drilling program on the Thira (93E 071) property 60 km south of Houston was visited on July 17 with Al Roberts. A large zone of intensely argillized and pyritic feldspar porphyry follows a northeasterly topographic linear, exposed sporadically for 5 km along a logging road. At the southwest end of the linear at "Copper Pond" a weak quartz-chalcopyrite stockwork, with secondary biotite, in a biotite granodiorite stock was drilled (8 holes) by Jorex Limited and Dome Exploration in 1972 (AR 4181). Cominco is drilling about 10 very widely spaced (1 km apart!) percussion holes to test a strong IP anomaly that corresponds to the pyritic zone.

Babs

Nak.

Thira

P. Woj. July '95

granodiorite

LAND USE

- Mount Edziza Recreation Area mineral potential report forwarded to McLaren and GSB for review. Unable to start to Swan Lake mineral potential report contrary to plan.

EXPLORATION AND MINESITE ACTIVITY

Golden Bear

- North American Metals Corp (Golden Bear Mine) announced discovery of the Kodiak Zone. During trenching of an IP anomaly in the Fleece Bowl zone the exploration geologist discovered the nearby, but separate Kodiak zone. Three trenches over a 45 meter strike length average 5.5 gpt Au over 18 meters. A 4,000 ft, \$350,000 drill program is underway. If the Kodiak zone proves up 750,000 tonnes of oxide ore, Victor Jutronich (president, North American Metals) suggests that development is viable and it might be possible to raise mill throughput to 600 tpd without the roaster. New management continues to re-evaluate Golden Bear with a high regard for the original work by Chevron and with a different approach from Homestake.

In a separate development, the third hole of a 3-hole drilling program at Golden Bear Mine returned an intercept of 14.4 gpt Au over an estimated true width of 7-8 metres from the Grizzly Zone, formerly known as Bear South Deep. The drill program has been extended.

- Johnny Mountain mill is processing ore, but apparently not from the Zephrin vein as was anticipated.

- Creditors to the Dome Mountain gold mine are taking Timmins Nickel Inc and Habsburg Resources to court to garnish operating proceeds. New management (Habsburg Resources) have an agreement with previous management (Timmins Nickel) stating they are not responsible for past debt. If the dozen local creditors continue to be left holding the bag, it will be a difficult operating scenario for Habsburg. Roscoe Postle Associates and G.A. Harron & Associates are evaluating ore reserves.

- Noranda has staked 60 units over lapsed claims west of the Tide Lake airstrip at Granduc.

- Huckleberry reserves estimated by New Canamin:
East zone, 69 million tonnes @ 0.57% Cu
Main zone, 31 million tonnes @ 0.52% Cu.

Wojdak Oct. 93

Drilling has concluded for 1993. New Canamin plan to recommence drilling in mid-January.

Babs

- Noranda has optioned the Babs (093Lnew) Cu-Au porphyry property from prospector Ralph Keefe, after the property was returned by Equity Silver Mines. Equity's drilling focused on magnetic anomalies, rather than testing up-ice from the mineralized boulders. Noranda plans a small drill program next month.

- Noranda are conducting small programs on a number of properties in Northwest BC (Tepee, Pavey, Smaby, GOZ/RDN, Nat, Red Bluff in addition to Babs) but when questioned about overall level of expenditure in BC, Noranda stated that there is still an outflow of exploration dollars from BC.