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July 31st, 1965

Mr. F.A. McGonigle, President  
Consolidated Skeena Mines Ltd.  
716 - 602 West Hastings Street  
Vancouver 2, B.C.

Dear Mr. McGonigle:

Progress Report No. 2-65  
Bibb Creek - Nomash River Property  
Zeballos Area, V.I., B.C.

GENERAL DETAILS

P.R. Michelson and H.A. Knox continued soil sampling and general prospecting of the upper part of the lime-silicate zone above the 1500-foot east contour. Field tests of these samples, using the simpler 'rubeanic' method for copper, were carried out as the work progressed. An additional check on selected sets, using one variation of the dithizone semi-quantitative determination for cold-extractable heavy metals was made by the crew and writer during my recent visit to the property.

Of the above methods, the rubeanic system appeared to return the most consistent results. However, as this method provides only approximate indications of the amount of copper present in the overburden, and as the dithizone solvent solution does not appear to have the necessary solvent action for the local soil and mineral type, it has been decided to re-run a number of samples by the Holman method for coppers. The latter employs a more acid (pH = 2.0) buffered solvent, which should be more effective in treating well-leached, but relatively-unoxidized soil samples.

The crew remained at the saddle (el. 2650) camp during this period. Water was in very short supply until July 19, at which

time three days of heavy rain eased the situation. Sufficient water was collected on large plastic tarpaulins to allow a completion of the work scheduled from this base.

The final posts of Sonny No.'s 1 and 2 and initial posts of Sonny No.'s 3 and 4 were surveyed from the principal reference datum at the saddle. The open fraction between Sonny No.'s 1 and 4 was staked. In addition, the final post of O. Skoglund's Nomash No.'s 1 and 2 was located. The crew have been instructed to locate the corresponding initial posts, plot the outline of his contiguous claims, and to stake open ground between Skoglund's boundaries and the Sonny 6 - 7 M.C.'s.

O. Skoglund has been very cooperative, both in providing use of his camp areas and trails, and in providing data regarding showings in the area. He also appears very willing to go along with Skeena on possible joint exploration of his ground.

The crew have left the upper camp, are preparing the lower site and laying out preliminary elevation control for soil-sampling of the lower (minus 1500 elev.) silicate zone and prospecting, etc. of the easterly extension of the presently-delimited main zone below the limit mapped last season.

Okanagan Helicopters is scheduled to move the camp July 28 - 29, or whenever they can leave fire-fighting assignments in the Campbell River area. The new camp site, situated on the Nomash River is accessible by truck via 9 miles of gravel road from Zeballos.

#### PROGRESS NOTES.

- July 12 - 14; Soil sampling of Upper Zone approximately 80% completed by crew P.R. Michelson and H.A. Knox.
- July 15 - 16; Construct additional heliport platform as suggested by G. FitzGerald, O.K. Helicopters - this will be adequate for unloading scheduled diamond drill outfit. Also review field work and soil tests completed to date.

- July 17; Continue 'office' work, including preparation of field maps for self and crew. Helicopter delivers supplies ordered and receive advice that magnetometer requested is not available.
- July 18; Soil-sample 'North' zone and main zone to west of saddle and investigate possible diamond-drill set-ups; note that these are adequate for testing presently-indicated section of 'West Zone', but present some difficulty in moving along the hill-slope between stations.
- July 19; Heavy rain. To old heliport for plastic to waterproof tents; run West zone soil samples, noting generally good indications by rubenic and dithizone tests; North zone generally weak.
- July 20; Heavy rain; Check-testing, by dithizone method, soil samples from silicate zone.
- July 21; Dry, overcast. Do additional soil-sampling on 'West Zone' via an oblique traverse through 2550 - 2650 - 2700 horizons; also sample upper silicate zone on 2650 south to quartz-diorite contact. Locate 3.5' width (sample 19703) of good chalcopryrite mineralization in partly-exposed garnetite zone at 2650 el.; 8 + 40 S.
- July 22; Dry, clear. Traverse Sonny 1-2 location line and stake Sonny Fraction. Examine and sample (19704-5) exposure consisting of 4 feet of sparse, and 4 feet of good chalcopryrite-bornite mineralization at 2100 el.; 12 + 00 S. Traverse ridge north of "Sonny" creek between 2100 el. and camp.
- July 23; Dry, clear. Check soil-sample previously-indicated areas in silicate zone from 1700 - 2500' el.; Test in evening, noting some strong sections, but general difficulty with current dithizone method.
- July 24; Dry, clear. Sharp and Michelson attempt to reach reported 10' - 20' wide copper showing in West fork of Bibb Creek but find this inaccessible from above. Locate westerly extension of West zone at 2465 el. on ridge west

of 1964 heliport — giving 800' - 1000' strike extension of principal West zone. Note 90-foot width of garnetite-silicate alteration with 3.5' good mineralization (sample 19706) exposed on north contact (limestone) and scattered mineralization on south (tuff) contact.

July 25 - 26; Dry, clear. Breaking camp and packing for scheduled move; crew hike out to truck and stay in Zeballos pending arrival of helicopter. Minor repairs to Nomash bridge and road effected by H. Clement and Associates.

Instructions for field work handed to P. Michelson.

#### SUMMARY

Rapid and effective progress has been made by the field crew in soil sampling and general prospecting to date.


Three occurrences of mineralization — two on the upper silicate - quartz diorite zone and one on the westerly extension of the principal 'West Zone' have been located and sampled where exposed.

Soil sampling results confirm the earlier selection of the Saddle-West Zone section as the site for initial diamond drilling or further trenching. In addition two sections, and possibly more as indicated by further soil analyses, within the upper quartz diorite silicate contact zone may be trenched — pending initial drill-trench exploratory work within the Saddle-West Zone area. In general the scheduling of the program depends on the state of the water supply during September, or later.

As there is a strong suggestion that the West zone splits ? into two mineralized zones on each contact of the lime band on going westward across the west fork of Bibb Creek, the possibility of diamond-drilling this complex section from Central Zeballos No. 2 crosscut will be considered. An examination of

the reported West Fork showing, adjacent geological features, and inspection of No. 2 crosscut is required before recommending long-hole drill exploration from the No. 2 tunnel horizon.

Respectfully submitted,

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W.M. Sharp, I.Eng.

WMS/hb