

Sept. 10, 1981.

KENA PROJECT, NELSON AREA

Summary Report to September 6, 1981

Diamond drilling of six holes totalling 1163.7 meters (3818 ft.) was completed on August 21st. All drill equipment was removed from the property the following day.

The core from each hole was logged, then split over its entire length. Holes KK 81-1 to 81-3 were split in 1.5 m. (5 ft.) lengths; holes KK 81-4 to 81-6 were split in 3 m. (10 ft.) lengths. Any "high grade" veins were sampled separately, their lengths usually being fairly short.

Alternate sample sections and "high grade" vein samples were shipped to Min-En Laboratories, 705 W. 15th St. Vancouver, B.C. for analyses. All were shipped by bus freight in sacks, weighing approximately 50 lbs. each.

Sample splitting was started by Malcolm McKillop, senior field assistant, then continued by three local students when McKillop returned to school. One student only worked two days. Sampling was completed on September 2, 1981.

An examination was made of the drill core after splitting. Textural changes and mineralogy were much better reported on the split core. Some additional notes were made and added to the original log forms.

When core logging was completed, roads to all new drill sites were surveyed. This included sites 81-7, 9 and 10 which were prepared but not drilled.

The trench near hole KK 81-2 was mapped in detail, and a quick sketch made of the long adit near hole 81-6.

Line cutting commenced August 29th by a two man crew contracted from Salmo. They are cutting out and marking a very good line. Progress is slow due to the dense cover of alder and birch brush.

Soil sampling by a two-men crew from Hinterland Resources commenced on September 2nd. Progress to date has not been good due to late arrival on the job, slow mobilization, and lost days due to illness of one member.

Geological mapping commenced on the grid on August 31 by mapping along the baseline. Mapping was then started on the cross lines but terminated September 5 when no further lines were proposed.

The writer returned to Vancouver September 6, with the intent that mapping by himself or one of his partners would continue in approximately two weeks when the geochemical survey should be complete.

Comments:

Two distinct geological settings are present within the area drilled. Geology in the vicinity of holes KK 81-1 to 81-3 is predominantly dark chlorite-rich andesite tuffs and schists with sericitic schist sections. *In the vicinity of holes KK 81-4 to 81-6 the rocks are predominantly much lower in chlorite content and are probably rhyodacitic tuffs and breccias with lesser chlorite schists and sericitic schists. The rocks encountered in holes 81-4 to 81-6 may be lower (?) in the geological section or a part of the undivided Elise and Beaver Mountain formations.

Quartz may be more abundant in the vicinity of the first three holes. It occurs as fine veinlets along schistosity as well at random orientations. Veinlets are commonly 1 to 3 mm wide and may or may not be mineralized with pyrite and minor chalcopyrite. **Chalcopyrite tends to be more abundant in chlorite-rich rocks.

Pyrite is ubiquitous, occurring commonly from 1% to 5% as veinlets and disseminations. The schistose sections usually are the better mineralized.

From the limited geological mapping to date, it appears that all the high ground to the northeast of the baseline, from line 0+00 to line 17+50E, is Silver King porphyry. Much of this unit shows a north-west foliation or schistosity. Southeast of 17+50E baseline the higher ground may include bands of chlorite schist within tongues of porphyry. A major break may occur near 2000 E B/L, marked on surface by a distinctive gully.

Note: *This is contradictory to statement labelled**

Miscellaneous:

Forestry require that we put in water bars on all long, steep sections of the access road. They also require us to cut and pile the slash at the corduroy section of the road. John Teboulte, the line cutting contractor, is available for this work. He has a small John Deere bulldozer which is suitable for digging the ditches.

Respectfully submitted,

Harold Jones.