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MINERAL DEVELOPMENT COMPANY

ERICKSEN - ASHBY PROPERTY -

Progress Report for September 1965

Trenching

Trenching work was terminated on September 27th.

During the month the following work was done:

- Zone 8A - Trenches 1 and 2 completed
- Zone 8 - Trenches 4 and 5 recommended by J. Sullivan were excavated
- Zone 10 - Trench 1 was extended approximately 100' and Trench 3 excavated as recommended by J. Sullivan
- Zone 5 - Trenches 4 and 5 recommended by J. Sullivan were excavated

Trenches 4 and 5 in Zone 8 did not expose any mineralization and so no sampling was done. There are indications that appreciably deeper excavation would expose the mineralized zone.

Trench 3 of Zone 10 exposes mineralization after cutting through 4' of barren limestone. The mineralized zone was widening at the final trench depth of 7'. Sample Nos. 95304 and 95305 were cut over a width of 10'.

Trench 4 of Zone 5 was entering mineralized limestone at the W. end but deep overburden in the adjacent draw prevented further trenching to the west. A grab sample only was taken from this trench i.e. #95307.

Trench 1 of Zone 8A contained one highgrade section of 3' - i.e. sample No. 95270 assaying Au. - .08 oz., Ag. 61.26 oz., Pb. 20.64%, Zn. 2.37%.

Trench 2 of Zone 8A contained one section of attractive mineralization over 4.1' assaying Ag. 27.4, Pb. 10.4%, Zn. 3.2% - sample No. 95273.

High silver values would appear to accompany high lead values in relatively lightly silicified limestone which is generally at or near the hanging wall side of the mineralized zones.

Sampling

All routine sampling was completed by September 27th.

The three trenches in Zone 2 were check sampled.

The upper section of Zone 1 was sampled at one point only. Further possible sampling in this zone and planned additional sampling in Zone 6 was not done because of bad weather and pressure of other work.

An assay plan will be completed as soon as possible.

### Geophysical Survey

The S.P. survey as recommended by J. Sullivan was done somewhat hurriedly as the result of the late return of the potentiometer after repair. A very commendable effort on the part of E. W. Johnson with P. Woods' assistance resulted in completion of the survey grid extending from the Bracken Fault to Zone 11. From the work done it is apparent that the self-potential geophysical method is a useful one for locating and tracing covered mineralized zones on Ericksen Mountain.

### General

The plan to move all of the valuable Ericksen-Ashby equipment, excluding that in the adit, from the mountain to safe, covered storage at the Tulsequah Dock could not be carried out. The S-58 helicopter necessary for the moving was not available at the arranged date due to an engine change. The later date of availability could have been in a period of bad weather and thus result in a high cost for the work as well as considerable inconvenience to Stikine Copper (Kennco) who were willing to loan the helicopter for the operation. The two compressors, the lighting plant and water pump were moved positions, their engine crank cases filled with oil and their cylinders treated with rust inhibitor and the equipment covered with firmly tied water-proof tarpaulins.

The most northerly tent frame on the property was reinforced and sheeted with plywood and utilized as a storage place for camp equipment etc. left on the mountain. An inventory of the equipment will be submitted with a later report.

Ericksen Mt. camp was closed on September 28th.

ZOHINI MINES LTD. & TULSEQUAH SYNDICATE

Progress Report for September 1965

Zohini Mines Ltd.

Trenching work was completed on the Zohini group of claims at the end of August.

During the first half of September one trenching crew with considerable prospecting experience prospected the Zohini claims and open ground to the north. No new mineral occurrence of interest was found on the Zohini claims. North of the Zohini Group a strong E.W. shear zone was found containing quartz stringers mineralized with galena. Grab samples of the galena carried up to 178 oz. of silver. Chip samples over a width of two feet assayed up to 78.5 oz. of silver. Ten claims were staked over the shear zone on September 10th. Further sampling work was planned for the new discovery but continual bad weather during the latter part of September prevented access to the area.

Tulsequah Syndicate

All trenching and sampling on the <sup>Anty</sup> ~~Anty~~ Group of claims was completed on September 14th. Mapping of the work done and evaluation of the sampling results is now in hand.

No new discoveries of interest were made by the prospecting crew C. McNeill and D. Mark.

Three of the iron stained outcrop observed by A. Drescher in the area of the head waters of the Sutlahine River were examined and determined to be of no economic interest. Unflyable weather prevented more extensive prospecting work.

Prospecting operations were terminated on September 21st.

General

The base camp for the joint Tulsequah Program operations was closed on September 30th. Some equipment is stored at the Polaris Taku plant under the care of W. Nelson. The remainder of the equipment stored in the old C.M. & S. warehouse at the Big Bull dock at which point the camp was located.

An inventory of equipment and its location is being prepared.