



FIDDLEHEAD MINING CORP. ANNOUNCES

PAD Program Results @ “Nine Mile Brook Project” Bathurst, New Brunswick BMC

***** FOR IMMEDIATE RELEASE *****

BATHURST, New Brunswick – (Wednesday, February 19th, 2020) Fiddlehead Mining Corp. ("FMC" or the "Company") is pleased to announce the results of the New Brunswick Prospector Assistance Program. (PAG,) conducted by the previous owners of the Willett Property. The program consisted of focusing on exposures of felsic volcanic rocks, characteristic of the deposit types in the Bathurst Mining Camp (BMC). The work was done under the guidance of Steve McCutcheon Ph.D., former Resource Geologist with the Department of Mines and Energy, Bathurst, New Brunswick.

The Nine Mile Brook Project covers a felsic volcanic core overlain by shales and basalts. Two VMS occurrences have been documented within the 9 Mile Brook Project, the “Willett” VMS outcrop and the Boucher Brook occurrence, approximately 2 kilometers northwest.



Figure 1: Copper / Lead Zinc Banding, Willett VMS Exposure, 9 Mile Brook, New Brunswick

Assays from the Willett VMS outcrop (Figure 1) assayed **13.7% Cu, 12.83% Pb, 9.78% Zn, 474 g/t Ag & 4.1 g/t Au**. Sample # 316615 collected from the outcrop during this program returned **15.2% Cu, 0.36% Pb, 0.25% Zn, 30.8 g/t Ag and 2 g/t Au** in addition to elevated molybdenum and cobalt, confirming the polymetallic nature of the mineralization.

Approximately 1 kilometer to the northwest, prospecting by S. McCutcheon and G. Roy located numerous outcrops of pumice rhyolite, a characteristic rock type associated with VMS deposits (Figure 2). Generally found at the base of the volcanic sequence, it confirms the presence of a local volcanic plume in the area. Its porous character makes it a permissive host for the transport of mineral rich plumes which overtime, create mineralized beds that become VMS deposits.



Figure 2: New Trench exposing Pumice Rhyolite.

Exposed along an old forestry road, trenching was conducted to evaluate the occurrence. Approximately 500 meters was excavated, exposing an extensive section of rhyolite previously not located on the property. Exposures along the trench were locally discontinuous, however results revealed locally elevated silver, barium and arsenic, the peak values being **1.12 g/t Ag, 401 ppm Ba and 851 ppm As**, respectively. Sample # 316969 collected near the eastern end of trench returned **607 ppm Pb**. MS exploration.



Figure 3: Pumice Rhyolite.

Prospecting peripheral to the various occurrences also located angular boulders with visible copper mineralization accompanied by elevated barium and silver, providing additional exploration targets.

“We are very optimistic for our Fiddlehead Program this year. We continue to prove new targets and our goal in 2020 is to further expand on the Willett VMS Lens @ the Stonehenge Clearing and discover if it has the traditional multiple lens structured deposit as is common throughout the Bathurst VMS Camp. The presence of the Rhyolite in multiple locations throughout Fiddlehead properties provides an excellent vector to direct exploration towards additional mineralization”, stated **Patrick J Cruickshank, President & CEO**

In 2020, FMC will be conducting an aggressive exploration program at Nine Mile Brook, focusing on the known VMS occurrences, the recently located rhyolite exposures and the mineralized boulders. Detailed, close spaced soil sampling and XRF analysis will be conducted to delineate targets for trenching.

“The results from this PAD program were very positive, the identification of an extensive expanse of rhyolite provides a priority target for 2020. We look forward to commencing with the ground program in the spring and moving the project forward” stated **G. Lohman, COO & SVP Exploration**.

Mr. Gary Lohman, B.Sc., P. Geo. Fiddlehead Mining Corp., COO and a qualified person under NI 43-101 has reviewed and approved the technical portion of this news release.

Fiddlehead Mining Corp.(FMC) is a private Canadian Junior Exploration Company focused on VMS exploration opportunities in the famous Bathurst Mining Camp (BMC) in Bathurst, New Brunswick, Canada

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