



FIDDLEHEAD MINING CORP. LAUNCHES

“Nine Mile Brook Project Work Program” Bathurst, New Brunswick BMC

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

BATHURST, New Brunswick – (November 18th, 2019)

The Nine Mile Brook Project is 100% owned by Fiddlehead Mining Corp. and underlain by volcanic/sedimentary rocks belonging to the Canoe Landing Lake, Boucher Brook and Spruce Lake Formations of the California Lake Group. The California Lake hosts several known VMS deposits, the most noteworthy being the Caribou (Trevali Mining) with a total resource of approximately 70 Million Tons grading of 4.3% Zinc, 0.5% Copper, 1.6% Lead, 51.3 g/t Silver and 1.715 g/t Gold (Thomas et al. 2000).

The project covers the historic “Willett” Massive Sulphide Occurrence and what is interpreted to be the host “Willett Horizon”. The sulphide occurrence is an in-situ high grade massive sulphide lens exposed at surface measuring approximately 10 meters in length and 1 meter in width (Figure 1). Historic assays returned up to 9.78% Zinc (Zn), 13.17% Copper (Cu), 12.83% Lead (Pb), 474 g/t Silver (Ag), 4.1 g/t Gold (Au). Drilling below the lens intersected 2.2 meters of massive sulphide having a composite grade of 10.0% Zn, 6.71% Cu, and 3.83% Pb, along with 288 g/t Ag and 1.09 g/t Au. Stratigraphic drilling 250 meters along strike to the north also encountered the massive sulphide horizon showing a similar increase in grade and thickness at depth.



Figure 1: Willett VMS Outcrop

The sulphide lens is enclosed within the “Willett Horizon”, a sequence of sediments with a strong felsic component. In the area of the outcrop (Figure 2), the massive sulfide lenses are associated with felsic volcanic intervals and have been intersected in drill holes over a strike length of 800 feet and to depths of nearly 200 feet. Of major economic significance is the continuity and fold repetition of the “Willett Horizon” at the base of the sedimentary sequence, a contact that has been traced for approximately 3 kilometers.



Figure 2: “Willett Horizon” Rusty sulphide mineralization enclosed by grey sediments

In October and early November, general prospecting was conducted at Nine Mile Brook Project as weather permitted. The main showing was examined in addition to ground immediately north and up to the Boucher Brook occurrence, 2 kilometers to the northwest. Dominant rock types in the area include sheared sediments as seen at the main showing in addition to extensive felsic volcanics, primarily pyritized rhyolite.

Geology:

Unlike the geology in the northern portion of the BMC, the geology in the area of Nine Mile Brook and Boucher Brook, consists of interlayered sediments and felsic volcanics, the latter quite often pyritized, siliceous occurring as blocks within the sediments. This is what defines the “Willett Horizon”. One observation made during the limited time on site was the volume of felsic volcanics present which is in great contrast to what has been seen in the northern part of the Bathurst Mining Camp (BMC). Rhyolite occurs at the main showing, in the trenches immediately north of the showing and to the northwest in the new trenches cut by the vendors (Figure 3). Rhyolite also occurs at the Boucher Brook occurrence, 2 kilometers to the northwest.



Figure 3: New trench exposing rhyolite, 1-kilometer northeast of main showing

Geologists from the New Brunswick Department of Mines have noted that the host rhyolites at Boucher Brook are similar in texture and alteration and occur within the same structural zone as the Willett occurrence to the south. Visual examination of the rocks agrees with that statement.

Historic assays at Boucher Brook include a 2.8-meter drill intersection assaying 2.42% Zinc and 0.25 % lead. Although massive VMS was not located along the brook, the sheared sediment / volcanic contact is like that at the Willett occurrence. Host rocks included pyritized rhyolite, cherty rhyolite and similar sediments as seen at the Willett occurrence. The outcrop is exposed for approximately 5 – 8 meters along the south bank of Boucher Brook.

In the samples along the brook, base metal sulphides were not seen in outcrop however they may have been obscured by the fine-grained nature of the sulphides and the extreme shearing.

In the northern portion of the project area, exposures are limited. Historic outcrops and areas of geochemical anomalies were targeted for examination however access was problematic. Some areas were impassable due to high water flowing in Nine Mile Brook Project. In the extreme north, wet swamp was encountered in areas of interest.

2019 Rock Sampling:

Rock Samples were collected and included massive VMS from the Willett showing and numerous examples of pyritized felsic volcanics. A total of 18 samples in 2 shipments have been forwarded to BV labs in Timmins for analysis.

The first shipment included 6 VMS samples from the Willett showing, which will be **assayed** for Cu, Pb, Zn, Ag and Au, the latter by fire assay. Multi element ICP analysis will also be conducted to determine if any pathfinder elements such as arsenic, cadmium or antimony occur with the sulphides.



Figure 4: Banded Pb and Cu rich VMS, Willett Showing



Figure 5: Pb Rich VMS, Willett Showing.



Figure 6: Cu rich VMS, Willett Showing

The balance of the samples, including those in the second shipment, will undergo multi-element ICP analysis to determine if base or precious metals are present in addition to any pathfinders. The sample numbers and a brief description are included in Table 1. Detailed sampled descriptions are included below.

Table 1: BV Samples

Shipment 1		
	9M1	Pb rich VMS / North of Main Showing
	9M2	Cu rich VMS / Main Showing
	9M3	Cu rich VMS / Main Showing
	9M4	Pb rich VMS / Main Showing
	9M5	Pb, Cu rich VMS. West end, Main Showing
	9M6	Cu, Pb rich VMS boulder west of main showing
	9M7	Felsic volcanic with Py. Trench north of main showing
	9M13	Pumice Rhyolite, 2019 trench
	9M14	Pumice Rhyolite, 2019 trench
Shipment 2		
	9M24	Rusty Rhyolite with 5 – 8% Pyrite
	9M25	Pumice Rhyolite. Minor Pyrite
	9M26	Mafic Intrusion? 3- 5 % Pyrite
	9M29	Pyritized Rhyolite, Boucher Brook
	9M32	Pyritized Rhyolite, Boucher Brook
	9M33	Cherty Rhyolite, Boucher Brook

Sample Descriptions / BV Labs: First Shipment:

9M1 - Collected from the north side of the clearing at the main Willett showing. The samples were comprised primarily of galena (Pb), 5 – 8% Chalcopyrite (Cu) and lesser pyrite. Distinguished from other samples in the area by very distinct Pb banding.

9M2 - At the main showing there is a vertical drill collar, the casing present. 9M2 was collected adjacent to the VMS outcrop and consisted of massive VMS like 9M1. At this location, there were 1 – 2 cm. bands of Pyrite and Chalcopyrite with smaller bands of galena.

9M3 - Sample 9M3 was chipped off a large block of Cu / Pb VMS subcrop. It is a variation of samples 9M1 and 9M2 with banding ≤ 1.0 cm and comprised of 60% Chalcopyrite / Pyrite, 40% Galena banding with minor grey quartz.

9M4 - Willett VMS showing (outcrop). Massive, well banded lens of VMS documented as 10m in length and 1m in width. The composition of individual samples varies depending on where the sample is collected. The sample submitted to BV Labs consisted primarily of galena with 10% Pyrite and lesser Chalcopyrite. The display sample collected by George Willett was primarily Cu bearing with very distinct bands of Chalcopyrite.

9M5 - Immediately west of the main occurrence, a second large outcrop of VMS occurs covered by alders. This is part of the main exposure and consists of 60% or less sulphides in a volcanic host. Primarily composed of galena, Cpy bands ≤ 1 cm.

9M6 - Large VMS boulder in the alders behind the drill collar. 60% Cpy / Py, 30 - 40% galena.

9M7 - To the northeast of the main showings numerous old trenches are present in the bush. Due to the time of the season, the trenches are infilled with leaves however local rubble can be found along the sides of the trenches. Sample 9M7 consisted of a rusty felsic volcanic boulder with trace to 1% disseminated Pyrite and a trace of Chalcopyrite.

9M13 and 9M14 - Approximately 700 meters northwest of the main showing, work in 2019 by the vendors included minor trenching along a prospective horizon which may be host the pumice rhyolite mentioned above. Samples 9M13 and 9M14 consisted of pumice Rhyolite and were collected from a long trench along the north side of an old road leading northwest to Boucher Brook.

Sample Descriptions / BV Labs: Second Shipment:

9M24 – Rusty rhyolite with 5 – 8% disseminated Pyrite. Vaguely looks fragmental / brecciated.

9M25 – Rusty orange sheared rhyolite with distinct bands of grey quartz, locally with disseminated Pyrite. Some similarity to the pumice rhyolite seen in the trenches.

9M26 – Possibly re-crystallized mafic intrusion with 3 – 5% fine disseminated Pyrite.

9M29 - Collected on the south bank of Boucher Brook at what is believed to be the occurrence. The exposure is 5m+ in length and 1 meter + in height. At this location, there is abundant sheared, pyritized (5%), silicified, sericitized rhyolite in addition extremely sheared sediments.

9M32 – Pyritized rhyolite vaguely like the pumice rhyolite seen in trenches and pits to the south.

9M33 – Massive, rusty orange, sheared pyritic, aphanitic to cherty rhyolite. This is quite similar the rhyolite seen at the Willett occurrence.

2020 Exploration: (Next Steps)

In deposits like Trevali Mining's Caribou mine to the northwest, mineralization occurs in a series of lenses providing numerous targets for exploration. At Caribou, the lenses extend more than 1500 meters along strike with individual lenses extending for 305 meters horizontally and 1,200 meters vertically. Being in the same group of rocks that host the Caribou mine and having a VMS lens (Willett Showing) breaching the surface, exploration at Nine Mile Brook Project will focus on defining similar targets along the "Willett Horizon".

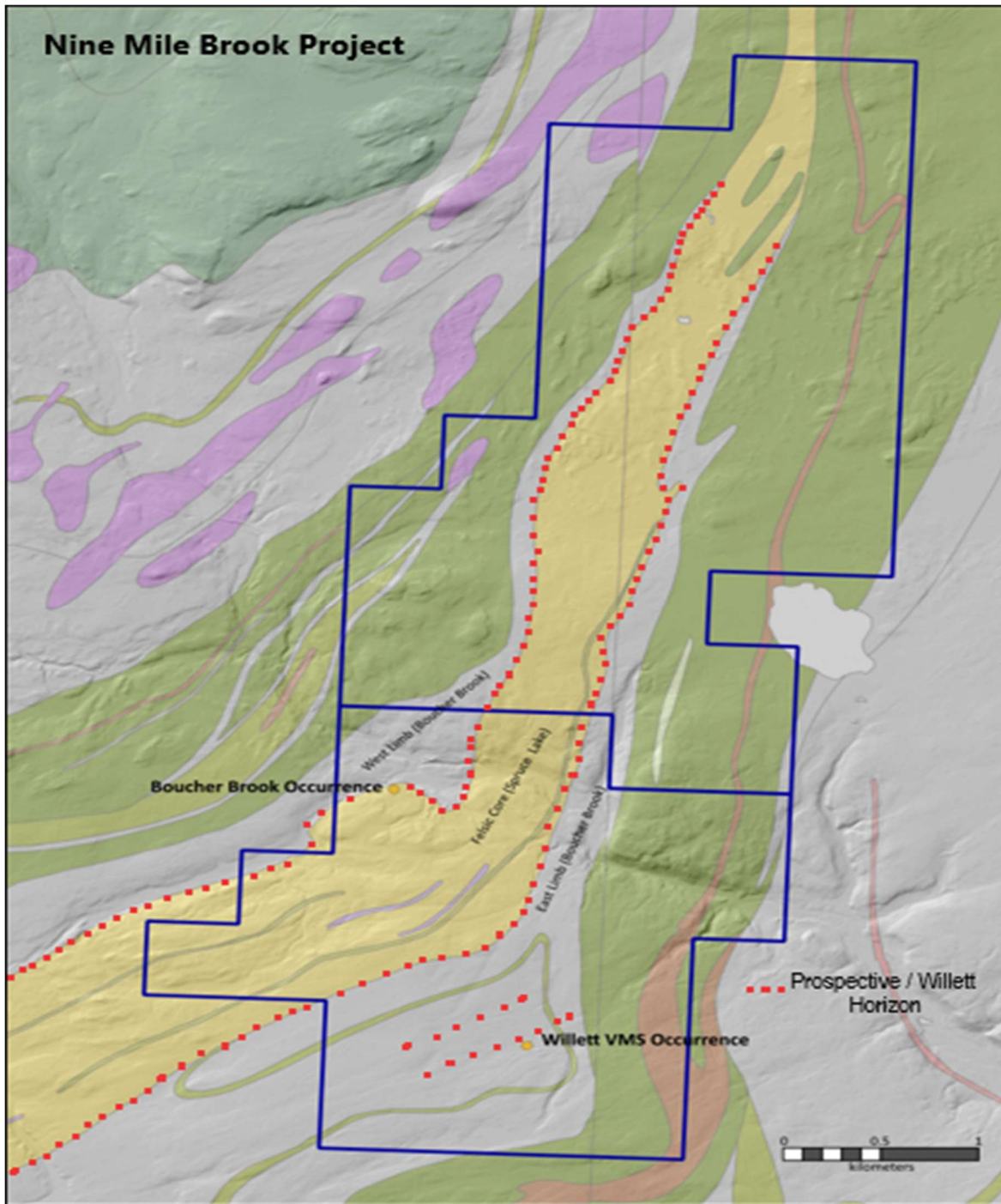


Figure 7: Willett / Prospective Horizons

Following our completed ground examination in October/November 2019, it is apparent that close spaced soil geochemistry will be a key tool in defining the targets at the Nine Mile Brook Project. The till cover at the “Willett” showing, and the surrounding area, is relatively thin. The examination of the soil profiles in various parts of the immediate project area indicates a well-developed sample medium (B Horizon) is present. Soil anomalies would be followed by a trenching program to both test the target and define the geology. Ground geophysics will also be conducted to prioritize targets.

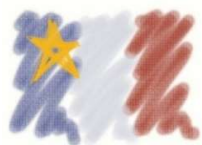
Fiddlehead will conduct an extensive geophysics program including 3D Geological Modeling and Analysis, in order to delineate additional surface / sub-surface lenses for drilling in 2020. Fiddlehead is excited to add a new discovery to the highly mineralized California Lake Group area and add significant shareholder value & sell the Project to a world class mining company.

“Fiddlehead is very excited to immediately launch this very comprehensive program through the Winter Season and have the results ready for a 2020 Extensive Drill Program and find the source and ultimately the deposit. We are very excited and pleased to be able to acquire such a quality property & Project from the Willett Family. ” stated Patrick J Cruickshank, MBA, President & CEO.

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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