



## FIDDLEHEAD MINING CORP.

**BV Lab Results Confirm  
High-Grade Lead-Zinc > 38.18% With  
High Grade GOLD up to 2.694 g/t & SILVER > 14.50 Oz**

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

**BATHURST, New Brunswick – (Monday, December 13<sup>th</sup>, 2021)**

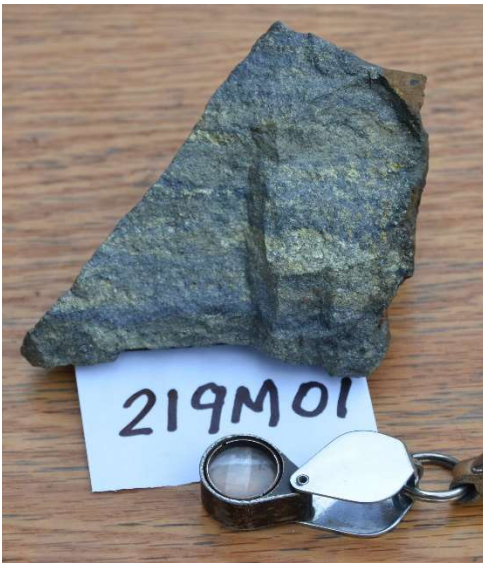
Fiddlehead Mining Corp. ("FMC" or the "Company") is pleased to announce newly received BV Lab Assays, from the newly discovered extended VMS Lens at the flagship Nine Mile Brook Project.

Ten (10) samples were collected for assay and submitted for analysis to Bureau Veritas Laboratories in Timmins, Ontario. Due to the high-grade nature of the samples, analytical package AR404 was requested, the method specifically designed for high precision and accuracy required to quantify commodity elements for resource evaluation. This method had an upper limit maximum of 20% for copper, lead and zinc. **As Table 1 below exhibits, (8) of the (10) Lead samples displayed values greater than the testing limits!**

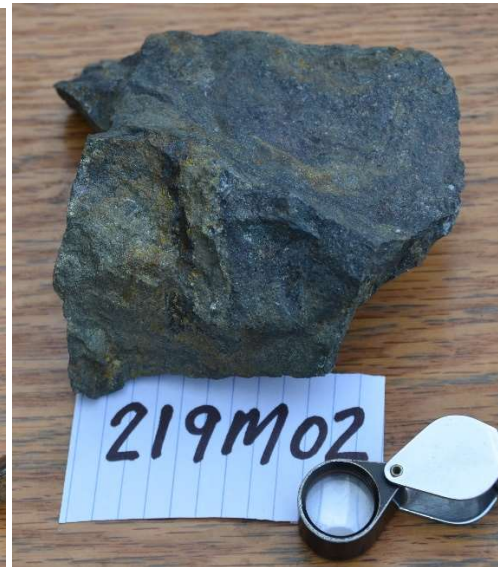
**Table 1: BV Labs Assay Results (Received October 15, 2021)**

Sample #	Cu	Pb	Zn	Pb-Zn Combined	Au	Ag	Ag
	%	%	%	%	g/t	g/t	oz/t
219M01	7.394	> 10.0	9.92	> 19.92+	TBD	450	14.47
219M02	3.235	> 10.0	9.95	> 19.95+	TBD	433	13.92
219M03	1.894	> 10.0	11.19	> 21.19+	TBD	346	11.13
219M04	1.769	> 10.0	19.79	> 29.79+	TBD	111	3.57
219M05	7.527	0.41	0.16	0.57	TBD	48	1.54
219M06	1.063	> 10.0	16.61	> 26.61 +	TBD	166	5.34
219M07	0.692	> 10.0	8.09	> 18.09 +	TBD	315	10.13
219M08	7.493	0.31	0.06	0.37	TBD	281	9.04
219M09	0.532	> 10.0	22.11	> 32.11+	TBD	81	2.61
219M010	0.849	> 10.0	27.06	> 37.06+	TBD	308	9.90

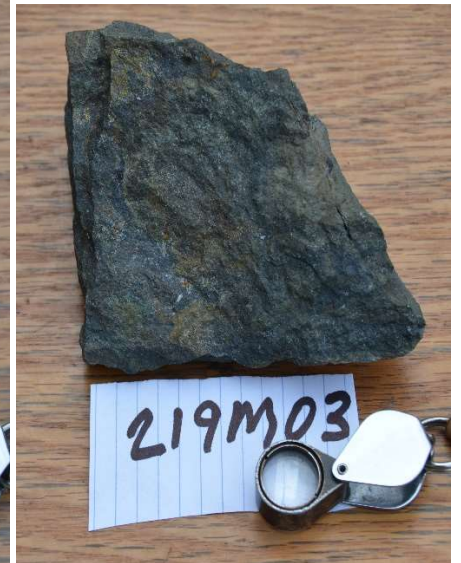
In addition to the High-Grade Lead-Zinc, the Silver, Gold and Copper Assay results were exceptional. The Silver ranged from 1.54 oz to 14.47 oz/ton. The Lead & Gold results are being processed with a different screening for the overages in Lead & Fire Assay for the Gold (Pending).



**Figure 1: Sample 219M01**  
(Cu 7.394%, Pb 16.63%, Zn 9.92%)  
(Ag 14.47 oz Au 1.195 g/t)



**Figure 2: Sample 219M02**  
(Cu 3.235%, Pb 20.73%, Zn 9.95%)  
(Ag 13.92 oz Au 1.234 g/t)



**Figure 3: Sample 219M03**  
(Cu 1.894%, Pb 19.82%, Zn 11.19%)  
(Ag 11.13 oz Au 0.761 g/t)



**Figure 4: Sample 219M06** (Cu 1.063%, Pb 19.12%, Zn 16.61%, Ag 5.34 oz, Au 2.694 g/t)

**Table 2: Final Sample Results (Received October 15, 2021) - (inc. Au & Pb additional processes)  
@ Nine Mile Brook Project VMS Lens**

Sample #	Cu	Pb	Zn	Pb-Zn Combined	Au	Ag	Ag
	%	%	%	%	g/t	g/t	oz/t
219M01	7.394	16.63	9.92	26.55	1.195	450	14.47
219M02	3.235	20.73	9.95	30.68	1.234	433	13.92
219M03	1.894	19.82	11.19	31.01	0.761	346	11.13
219M04	1.769	12.13	19.79	31.92	2.446	111	3.57
219M05	7.527	0.41	0.16	0.57	1.366	48	1.54
219M06	1.063	19.12	16.61	35.73	2.694	166	5.34
219M07	0.692	19.02	8.09	27.11	2.317	315	10.13
219M08	7.493	0.31	0.06	0.37	1.456	281	9.04
219M09	0.532	16.07	22.11	38.18	2.370	81	2.61
219M010	0.849	9.64	27.06	36.70	2.240	308	9.90

Both Sample Sets (Tables 1 & 2) clearly demonstrate the High-Grade Base Metal potential at The Nine Mile Brook VMS Project. We are very pleased with the Gold & Silver values and they obviously compliment this project. Note: The Nine Mile VMS Lens has consistently displayed Higher Copper grades than most other VMS occurrences in the BMC.

*“The base and precious metal values encountered in this last round of sampling are outstanding in both grade and consistency. The assay results demonstrate the variability within the VMS sequence at Nine Mile, highlighted by discrete, higher grade sections of both base and precious metals. We look forward to our upcoming geophysical program and the potential to repeat the above results on a larger scale with drilling.”* stated G. Lohman, Director of Exploration.

Patrick J Cruickshank, MBA, President & CEO stated *“These are the highest reported values yet on all of BMC Projects and we couldn’t be more excited to explore for additional VMS Lens deposits. We are taking steps to secure the next phase of this exciting exploration program on this High-Grade Project. We will be executing a HD-UAV Drone based System @ 25m Spacing with 3D-AI Analysis. I look forward to our next announcement.”*

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

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.

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