

# First Energy Metals Assayed up to 4.61 Percent Lithium Oxide in Samples from Augustus Lithium Property

VANCOUVER, BC, April 15, 2021 /CNW/ - **First Energy Metals Ltd.** (CSE: FE) ("**First Energy**" or the "**Company**") is pleased to announce assay results of another round of grab and channel sampling from the Augustus Lithium Property in Quebec, Canada. A total of 24 grab and channel samples of varying lengths were cut out of Beluga Pegmatite Zone with a surface exposure of over 100 metres wide and 250 m along strike located at the Canadian Lithium Prospect. The present sampling represents 10.64 metres of channel sampling in the southern part of the Beluga Pegmatite. The field crew is continuously cutting and sampling the remaining outcrops which will be reported as soon as the results are available. Three out of four grab samples assayed up to 4.61 percent (%) lithium oxide (Li<sub>2</sub>O) with an average value of 3.04% Li<sub>2</sub>O while the fourth sample returned a low value of 12 ppm lithium. Results of channel sampling completed so far on Beluga Pegmatite indicate a width of 10.64 metres at 0.24% Li<sub>2</sub>O.

## **Highlights of Channel Samples Assays (see Table 1 for details)**

- Lithium (Li) values are in the range of 34 ppm (parts per million) to 4,020 ppm (0.4% Li) with an average of 1,051.70 ppm, where seven samples are over 1,000 ppm lithium.
- Lithium oxide (Li<sub>2</sub>O) values are in the range of 0.001% to 0.87% Li<sub>2</sub>O with a total width of 10.64 metres at 0.24% Li<sub>2</sub>O.
- Beryllium values are in the range of 103 ppm to 574 ppm, cesium is in the range of 6.6 ppm to 83.9 ppm, and niobium is from 51 ppm to 87.1 ppm.
- Rubidium is in the range of 58.4 ppm to 2,720 ppm, tantalum is 44.7 ppm 81.3 ppm, and barium from 24 ppm to 113 ppm.

The ground exploration work has been continuous since February 2021 and its purpose is to locate and confirm historical lithium pegmatite occurrences on two lithium prospects (Augustus and Canadian Lithium Prospects), to locate historical drill holes on the Property completed in 1950's, and to support the ongoing drill program. The pegmatite outcrops are exposed using an excavator, and several historical drill hole casings were located which are useful guidelines for placing drill holes and mapping lithium pegmatites on surface. The field exploration is continuous, and more channel sampling is being carried out on the exposed outcrops.

Each channel sample from this program represents about 0.26 – 0.87 cm long, 5 cm wide and 3-5 cm deep cut in bedrock. Grab samples are selected samples and are not necessarily representative of the mineralization hosted on the property. The samples were bagged and tagged using best practices and were delivered to Activation Laboratories ("ACTLABS"), Ancaster, Ontario for sample preparation and analyses using laboratories code Ultratrace 7 as summarized below. ACTLABS is an independent commercial, accredited ISO Certified Laboratory.

## **Code Ultratrace 7 – Peroxide Fusion – ICP and ICP/MS**

Samples are fused with sodium peroxide in a Zirconium crucible. The fused sample is acidified with concentrated nitric and hydrochloric acids. The resulting solutions are diluted and then measured by ICP-OES and ICP-MS. All metals are solubilized.

### ICP-MS

Fused samples are diluted and analyzed by Agilent 7900 ICP-MS. Calibration is performed using five synthetic calibration standards. A set of (10-20) fused certified reference material is run with every batch of samples for calibration and quality control. Fused duplicates are run every 10 samples.

## ICP-OES

Samples are analyzed with a minimum of 10 certified reference materials for the required analytes, all prepared by sodium peroxide fusion. Every 10<sup>th</sup> sample is prepared and analyzed in duplicate; a blank is prepared every 30 samples and analyzed. Samples are analyzed using a Varian 735ES ICP and internal standards are used as part of the standard operating procedure. Source:

<https://actlabs.com/geochemistry/lithochem/lithochem-and-whole-rock-analysis/peroxide-total-fusion/>

Afzaal Pirzada, P. Geo., Geological Consultant of the Company, and a "Qualified Person" for the purposes of National Instrument 43-101 - *Standards of Disclosure for Mineral Projects*, has reviewed and approved the scientific and technical information contained in this news release.

### **About the Augustus Lithium Property**

The Company owns 100% interest in Augustus Lithium Property in Landrienne & Lacorne-Townships, Quebec, Canada. The Property consists of 271 mining claims covering a total area of 14,155 hectares located approximately 40 kilometres northwest of the town of Val d'Or on map sheets 32C/05 and 32D08. The Property claims are spread in several claim blocks optioned in 2021 from different vendors. The Company has prepared a well thought out work plan on the property which includes diamond drilling, metallurgical testwork to produce battery grade lithium carbonate, and resource estimation. To date, the Company has compiled historical drill hole data on the Property for 74 historical drill holes with a cumulative drilling of 12,123.14 m, out of which 6,024 m drilling was completed on the two lithium prospects on the Property. Several drill hole results indicated intersections over 1% lithium oxide. All this data is helpful in developing and executing the current exploratory drill program and building a data base for NI 43-101 resource estimation".

### **About First Energy Metals Limited.**

First Energy Metals is a Canadian mineral exploration company with a primary focus of acquiring a multicommodity mineral property portfolio. Its goal is to identify, acquire and explore North American mineral prospects in the technology metals, precious metal, and base metal sector.

The company's strategy is to:

- Acquire and advance projects through prospecting and early-stage exploration;
- Source joint venture partners to finance future exploration and project development;
- Create shareholder value through exploration success.

First Energy will continue to add to its multicommodity portfolio through organic acquisitions of new projects and opportunities with the intention of adding value and projects over time.

ON BEHALF OF THE BOARD OF

**FIRST ENERGY METALS LTD.**

***"Gurminder Sangha"***

Gurminder Sangha  
Chief Executive Officer & Director

***Neither the Canadian Securities Exchange (CSE) nor its Regulation Services Provider accepts responsibility for the adequacy or accuracy of this news release and has neither approved nor disapproved the contents of this news release.***

### **Forward-looking Information**

*Except for the statements of historical fact, this news release contains "forward-looking information" within the meaning of the applicable Canadian securities legislation that is based on expectations, estimates and projections as at the date of this news release. "Forward-looking*

information" in this news release includes information about the Company's information concerning the intentions, plans and future actions of the parties to the transactions described herein and the terms thereon.

The forward-looking information in this news release reflects the current expectations, assumptions and/or beliefs of the Company based on information currently available to the Company. In connection with the forward-looking information contained in this news release, the Company has made assumptions about the Company's ability to obtain required approvals. The Company has also assumed that no significant events occur outside of the Company's normal course of business. Although the Company believes that the assumptions inherent in the forward-looking information are reasonable, forward-looking information is not a guarantee of future performance and accordingly undue reliance should not be put on such information due to the inherent uncertainty therein.

Table 1: Sample assays highlights

Analyte Symbol	Location NAD 1983 UTM Zone 18		Sample type / Length in m	Ba	Be	Cs	Li	Li2O	Nb	Rb	Ta
Unit Symbol				ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
Detection Limit			3	3	0.1	3		2.4	0.4	0.2	
Analysis Method	Easting	Northing	FUS-MS-Na2O2								
1387930	286876	5367948	0.84	24	206	6.6	34	0.01	72.2	74.7	62.3
1387931	286878	5367947	0.44	36	282	14.1	38	0.01	86.2	377	60.5
1387932	286879	5367948	0.6	57	316	35.2	1640	0.35	71	879	44.9
1387933	286881	5367947	0.87	42	574	46.8	1030	0.22	69	1030	53.6
1387934	286879	5367947	0.8	61	211	60.1	3250	0.70	65.9	2140	50.4
1387935	286884	5367947	0.73	113	228	83.9	403	0.09	67.8	2720	68.8
1387936	286883	5367950	0.88	47	280	46	285	0.06	78.9	1650	72.7
1387937	286884	5367948	0.47	38	218	50	3530	0.76	75.1	1630	81.3
1387938	286885	5367948	0.51	21	421	37.3	738	0.16	59.1	600	64.7
1387939	286885	5367948	0.46	36	485	28.7	74	0.02	51.9	323	53.9
1387940	286886	5367949	0.46	12	162	9.9	36	0.01	47.8	59.2	52.7
1387941	286886	5367949	0.4	43	103	12	19	0.00	61.1	216	60.1
1387943	286878	5367954	0.51	27	349	53	197	0.04	67.9	1790	71.4
1387944	286878	5367954	0.5	17	249	36.7	1600	0.34	76.3	1110	65.7
1387945	286881	5367952	0.53	33	618	63.2	2420	0.52	51	1430	44.7
1387946	286880	5367958	0.52	54	325	63.1	563	0.12	61.1	1750	62.2
1387947	286895	5367927	0.6	36	234	51.3	4020	0.87	87.1	1460	53.7
1387948	286895	5367925	0.26	17	288	8.8	46	0.01	76.9	58.4	71.5
1387949	286891	5367938	0.26	62	321	45.6	59	0.01	69.7	1240	51.4
<b>Total 10.64 metres @ 0.24% lithium oxide</b>											
<b>Grab Samples</b>											
1387942	286893	5367934	Grab	56	204	31.6	12	0.00	69.4	1470	47
95664	284902	5368374	Grab	15	168	46.8	15200	3.27	90.1	1040	91.4
95665	284882	5368370	Grab	14	468	112	5800	1.25	58.6	2840	61.8
95666	284930	5368312	Grab	9	63	50.3	21400	4.61	28.2	1290	18.3

Note: A standard conversion factor of 2.153 was used to report Li to Li2O values

SOURCE First Energy Metals Limited

View original content: <http://www.newswire.ca/en/releases/archive/April2021/15/c6655.html>

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