

# First Energy Metals Drills 1.11 Percent Lithium Oxide Over 10 Meters at Augustus Lithium Property

VANCOUVER, BC, May 12, 2021 /CNW/ - **First Energy Metals Ltd.** (CSE: FE) (OTCQB: FEMFF) (WKN: A2JC89) ("**First Energy**" or the "**Company**") is pleased to announce results of drill hole LC21-12 at its Augustus Lithium Property in Quebec, Canada. The drill hole intersected a 10-meter-wide zone with 1.11 percent (%) lithium oxide (Li<sub>2</sub>O) at 110 metres (m) depth. There are anomalous values of other rare metals as well including average values of niobium (Nb) 99.78 parts per million (ppm), rubidium (Rb) 1,609.7 ppm, tantalum (Ta) 65.16 ppm, beryllium (Be) 200.7 ppm, cesium (Cs) 60.55 ppm. Average value of iron (Fe) is 0.494% (see Table 1 for details).

Drill hole LC21-12 is the first drill hole at Augustus Lithium Prospect on the Property. It was drilled at location: 287126E, 5367662N (NAD 1983 UTM Zone 18N), Azimuth 40.5 degrees, Dip 44.5 degrees with a total drilled depth of 361m. All intersections reported are based on drilled width and have not been converted to the true width.

Gurminder Sangha, CEO of First Energy Metals stated that, "The first drill hole at Augustus Prospect exceeded our expectations in terms of width of the lithium zone which was reported over six metres in historical drill hole near this location. We are very excited about having a wide lithium pegmatite near surface."

The drill program is based on the historical exploration data and the Company's surface trenching and sampling program which is currently underway. Several historical drill hole collars were also located on the Property which helped in location and orientation of drill holes for the current program. The Drill program commenced on April 5<sup>th</sup> at the Property by Forage Hebert Inc. Drilling of Amos, Quebec who is contracted for the drill program. A B-20 drill rig is deployed for this work which has a capacity to drill up to 1,000-meter-deep hole. A core shack has been built near the Property for drill core logging, sample preparation and storage. To date a total of 14 drill holes with a cumulative core drilling of 2,004 m has been completed on the Property. The drill core is being logged and sampled at the core shack using a rock saw. For quality control and quality assurance (QA/QC), field duplicates and blanks are being inserted at an industry standard interval.

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 and sodium peroxide fusion (Na<sub>2</sub>O<sub>2</sub>) 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 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 lithium prospects during 1950s. Several drill hole results indicated intersections over 1% lithium oxide."

### **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  
President & Chief Executive Officer

***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: Drill Hole LC21-012 Sample assays highlights

Analyte Symbol			Total Thickness	Li	Li2O	Mn	Nb	Rb	Ta	Be	Cs	Fe
Unit Symbol	From	To		ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
Detection Limit	m	m	m	3		3	2.4	0.4	0.2	3	0.1	0.05
Analysis Method	FUS-MS-Na2O2											
201704	109.5	110	0.5	1610	0.35	993	57.4	1330	24.2	131	110	2.74
201705	110	111	1	2210	0.48	913	98.7	1690	57.5	176	51.8	0.49
201706	111	112	1	8020	1.72	953	77.9	1790	39.5	178	65.2	0.62
201707	112	113	1	2470	0.53	853	126.8	1290	51.1	122	41	0.45
201708	113	114	1	5050	1.09	703	102.6	2170	58.2	198	66	0.55
201709	114	115	1	7280	1.57	809	78.1	1580	84.4	376	82.8	0.47
201711	115	116	1	3710	0.80	848	158.7	857	76.2	132	34.3	0.49
201712	116	117	1	4700	1.01	1030	87	2000	56.1	225	68.3	0.52
201713	117	118	1	7820	1.68	1240	80	1430	65.8	248	63.4	0.48
201714	118	119	1	7460	1.60	1480	80.1	1700	89.2	188	73.9	0.43
201715	119	120	1	2850	0.61	1090	107.9	1590	73.6	164	58.8	0.44
<b>Total width/Average Assays</b>			<b>10</b>	<b>5,157</b>	<b>1.11</b>	<b>991.9</b>	<b>99.78</b>	<b>1,609.7</b>	<b>65.16</b>	<b>200.7</b>	<b>60.55</b>	<b>0.494</b>
201716	120	121	1	1400	0.30	954	76.2	1730	67.1	268	63.4	0.33
201717	121	122	1	1760	0.38	1670	80.8	1140	96.1	249	49.4	0.33
21718	122	123	0.5	255	0.05	1410	76.6	1260	59	212	52.7	0.31

Note: A standard conversion factor of 2.15 was used to report Li to Li2O values  
All intersections reported are based on drilled width and have not been converted to the true width.

SOURCE First Energy Metals Limited

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**For further information:** Please contact the Company at: [gsangha@firstenergymetals.com](mailto:gsangha@firstenergymetals.com) or (604) 375-6005

CO: First Energy Metals Limited

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