Linear Minerals Corp. Intersects Multiple Spodumene Pegmatites with over 1% Lithium Oxide and Other Rare Earth Metals

20.03.2025 | ACCESS Newswire

Linear Minerals Corp. ("formerly FE Battery Metals Corp" (CSE:LINE) (OTCQB:LINMF) (WKN:A2J C89) ("Linear" or the "Company") is pleased to announce the results of Drill Hole LC24-91 and LC24-92 from its 2024 exploratory drill program at the Augustus Lithium Property in Quebec, Canada. The drill hole LC24-91 intersected three lithium zones, and the drill hole LC24-92 intercepted two lower-grade lithium zones (See Tables 1 and 2). Both drill holes have anomalous rare metals, including beryllium (Be), cesium (Cs), niobium (Nb), tantalum (Ta), and rubidium (Rb). Notably, the presence of lithium in the host country rock was identified as the lithium mineral Holmquistite, further underscoring the Property's potential.

Highlights

LC24-91 (Table 1):

- Upper lithium Intercept: is 19.6 m wide at 75.95 m drilled depth, averaging 0.57 percent (%) lithium oxide (Li2O), with anomalous values of other rare metals such as beryllium (Be) 137 ppm, cesium 454 ppm, gallium (Ga) 35 ppm, niobium (Nb) 28 ppm, tantalum (Ta) 58 ppm, and rubidium (Rb) 1,300 ppm. Some other metals also returned anomalous numbers such as barium (Ba) 147 ppm, bismuth (Bi) 56 ppm with two small interceptions of 684 ppm and 377 ppm, nickel 402 ppm with four interceptions of over 1,000 ppm Ni. The mineralized pegmatites in the Upper lithium intercept are thin, in the range of 0.3 m to 1.8 m. A one-meter basement sample also returned 1.23% Li2O at 93.55 m.
- Middle Lithium Intercept: is 12.45 m wide at 102.85 m depth averaging 1.02% Li2O, including two high grade pegmatites: Pegmatite 6 (1.67% Li2O over 2.85 m at 102.85m) and Pegmatite 7 (1.59% Li2O over 4 m at 112.30 m depth) with an anomalous basement between Pegmatite 6 and 7. The anomalous values of other rare metals are Be 188 ppm, Cs 65 ppm, Ga 46 ppm, Nb 52 ppm, Ta 108 ppm, and Rb 952 ppm.
- Lower Lithium Intercept: is 4.55 m wide at 115.30 m depth averaging 0.83% Li2O with two anomalous basement enclaves within Pegmatite 7. The anomalous values of other rare metals are Be 154 ppm, Cs 388 ppm, Ga 54 ppm, Nb 63 ppm, Ta 46 ppm, and Rb 1,860 ppm.

LC24-92 (Table 2):

- Upper lithium Intercept: is 6 m wide at 134.8 m drilled depth, averaging 0.21% Li2O, with anomalous other rare metals Be 72 ppm, Cs 261 ppm, Ga 33 ppm, Nb 37 ppm, Ta 22 ppm, and Rb 1,138 ppm.
- Lower Lithium Intercept: is 25.10 m wide at 146.40 m drilled depth, averaging 0.16 % Li2O, with anomalous values of other rare metals such as Be 233 ppm, Cs 174 ppm, Ga 38 ppm, Nb 68 ppm, Ta 38 ppm, and Rb 1,111 ppm.

Drill Program Details:

Drill hole LC23-91 was drilled at location 5367900.727N, 287094.99E, UTM NAD 1983 Zone 18N, at azimuth 219.45 degrees true North and dip -75 with a drilled depth of 160 m. The drill hole was placed at the main Augustus zone.

Drill hole LC23-92 was drilled at location 5367829.575N, 287161.882E, UTM NAD 1983 Zone 18N, at azimuth 202.685 degrees true North and dip -70.51 with a drilled depth of 185 m. The drill hole was placed at

the main Augustus zone.

The drill program was designed based on historical and current exploration data. Drilling was conducted by Forage Pelletier Drilling of Chapais, Quebec, and core logging and sampling took place at a core shack in St-Dominique du Rosaire, approximately 50 km from the Property. The 2024 drill program included 11 drill holes, totaling 1,558 metres. To date, a total of 100 drill holes have been completed on the Property, with a cumulative diamond drilling of 18,165.64 metres.

Drill core was sampled using a rock saw. For quality control and assurance (QA/QC), field duplicates, standards, and blanks were inserted at industry-standard intervals. Samples were bagged and tagged using best practices before being delivered to AGAT Laboratories in Val-d'Or, QC, for analysis. AGAT performed Sodium Peroxide Fusion with ICP-OES and ICP-MS Finish (Code 201-378). AGAT is an independent, accredited laboratory with ISO certification for certain tests.

Qualified Person:

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% of an interest in the Augustus Property located in Landrienne and Lacorne-Townships, Quebec, Canada. The Property covers a total area of over 15,000 hectares, approximately 40 kilometres northwest of the town of Val d'Or. To date, 100 diamond drill holes totaling 18,165.64 metres have been completed on the Property.

ON BEHALF OF THE BOARD OF

Linear Minerals Corp.

"Gurminder Sangha"

Gurminder Sangha
CEO & Director

For further information, please contact the Company at: info@febatterymetals.com

Table 1: Drill Hole LC24-91 Sample assay highlights

Lab Sample ID	Field Sample ID	Depth From (m)	Depth To (m)	Total Width (m)	Analyte:	Ba	Be	Bi	Cs
Unit:	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%
RDL:	10	20	0.1	0.1	10	0.01	0.5	10	
Upper Lithium Intercept									
6346177	1159393	75.95	76.95	1	Metasediments	216	45	4.6	222
6346178	1159394	76.95	77.95	1	Metasediments	173	<20	2.1	162
6346179	1159395	77.95	78.95	1	Metasediments	134	<20	82.2	135

Lab Sample ID	Field Sample ID	Depth From (m)	Depth To (m)	Total Width (m)	Analyte:	Ba	Be	Bi	Cs
6346180	1159396	78.95	79.75	0.8	Pegmatite 1	16	237	684	49.3
6346181	1159397	79.75	80.75	1	Pegmatite 1	13	200	8.1	43.9
6346182	1159398	80.75	81.75	1	Country rock	150	<20	2.9	57.6
6346183	1159399	81.75	82.75	1	Metasediments	107	31	1	279
6346185	1159401	82.75	83.75	1	Metasediments	<10	<20	5.2	112
6346186	1159402	83.35	84.35	1	Metasediments	<10	<20	3	27
6346187	1159403	84.35	84.65	0.3	Pegmatite 2	27	288	377	143
6346188	1159404	84.65	85.7	1.05	Country rock	151	40	4.9	816
6346189	1159405	85.7	86.85	1.15	Country rock	81	22	3	167
6346190	1159406	86.85	87.55	0.7	Pegmatite 3	88	23	0.8	138
6346191	1159407	87.55	88.75	1.2	Volcanic	64	<20	3.4	679
6346192	1159408	88.75	89.1	0.35	Pegmatite 4	352	294	2.5	1930
6346193	1159409	89.1	90.1	1	Metasediments	308	29	2.4	1540
6346195	1159411	90.1	90.6	0.5	Metasediments	343	74	1.4	1620
6346196	1159412	90.6	91.6	1	Pegmatite 5	30	337	3.6	62.9
6346197	1159413	91.6	92.55	0.95	Pegmatite 5	25	264	18.6	58.8
6346198	1159414	92.55	93.55	1	Metasediments	266	32	6.9	1110
6346199	1159415	93.55	94.55	1	Metasediments	142	<20	0.9	254
6346200	1159416	94.55	95.55	1	Metasediments	245	<20	3.4	378
Total width/Average		75.95	95.55	19.6		147	137	56	454
6346201	1159417	99	100	1	Metasediments	105	<20	2.4	25.1
6346202	1159418	100	101.00	1	Metasediments	175	<20	0.8	20.8
6346203	1159419	101	101.95	0.95	Metasediments	103	<20	1.7	126
6346205	1159421	101.95	102.85	0.9	Pegmatite 6	25	159	949	31.5
Middle Lithium Intercept									
6346206	1159422	102.85	103.80	0.95	Pegmatite 6	<10	195	22.1	91.9
6346207	1159423	103.80	104.75	0.95	Pegmatite 6	<10	211	6.4	130
6346208	1159424	104.75	105.70	0.95	Pegmatite 6	<10	188	4.9	81.5

Including 1.67% Li2O over 2.85 m at 102.85

Lab Sample ID	Field Sample ID	Depth From (m)	Depth To (m)	Total Width (m)	Analyte:	Ba	Be	Bi	Cs
6346209	1159425	105.70	106.20	0.5	Pegmatite 6	23	78	14.9	27.6
6346210	1159426	106.20	107.20	1	Metasediments	176	<20	0.7	88.6
6346211	1159427	107.20	108.20	1	Metasediments	156	<20	1	33.6
6346212	1159428	108.20	109.20	1	Metasediments	228	<20	0.6	30.7

6346213	1159429	109.20	110.25	1.05	Metasediments	160	<20	0.4	46.8	18	5.8	18.7	1080	0.23	8	134	14
6346215	1159431	110.25	111.30	1.05	Metasediments	149	<20	0.7	53.3	35	5.99	19	2400	0.52	8	119	30
6346216	1159432	111.30	112.30	1	Pegmatite 7	<10	184	37	71.1	<10	0.63	70.5	7930	1.71	78	<10	15
6346217	1159433	112.30	113.30	1	Pegmatite 7	<10	184	111	85.6	12	0.74	68	8050	1.73	88	<10	19
6346218	1159434	113.30	114.30	1	Pegmatite 7	<10	238	34.6	65.2	<10	0.67	64.5	8600	1.85	91	<10	10
6346219	1159435	114.30	115.30	1	Pegmatite 7	<10	226	27.8	40.2	<10	0.73	57	4920	1.06	86	<10	90
Including 1.59% Li2O over 4 m at 112.30 m depth																	
Total width/Average		102.85	115.30	12.45		149	188	20	65	32	3	46	4,729	1.02	52	99	95
Lower Lithium Intercept																	
6346220	1159436	115.30	115.80	0.5	Pegmatite 7	50	146	32.2	192	30	2.13	63.7	861	0.19	83	24	11
6346221	1159437	115.80	116.85	1.05	Schist	220	32	1.3	473	39	5.72	34.2	3790	0.82	19	128	21
6346222	1159438	116.85	117.85	1	Pegmatite 7	33	165	88.2	26.9	11	0.61	52	4210	0.91	79	<10	26
6346223	1159439	117.85	118.85	1	Pegmatite 7	<10	355	24.1	27.1	<10	0.82	64.5	6560	1.41	95	<10	13
6346225	1159441	118.85	119.85	1	Metasediments	348	71	5	1220	<10	4.59	57.5	3820	0.82	39	453	56
Total width/Average		115.30	119.85	4.55		163	154	30	388	27	3	54	3848	0.83	63	202	18
6346226	1159442	119.85	120.85	1	Metasediments	64	<20	2.4	19.6	12	4.37	12.7	760	0.16	<5	252	21
6346227	1159443	120.85	121.85	1	Metasediments	58	<20	1	8.6	18	4.57	13	591	0.13	<5	200	79

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.

Table 2: Drill Hole LC24-92 Sample assay highlights

					Analyte:	Ba	Be	Cs
Lab Sample ID	Field Sample ID	Depth From (m)	Depth To (m)	Total Width (m)	Unit:	ppm	ppm	pp
					RDL:	10	20	0.1
Upper Intercept								

6353779	1159444	134.8	135.8	1	Meta Basalt	49	<20	948
6353780	1159445	135.8	136.8	1	Meta Basalt	190	44	757
6353781	1159446	136.8	137.8	1	Pegmatite	11	167	21.
6353782	1159447	137.8	138.8	1	Pegmatite	16	<20	7.6
6353783	1159448	138.8	139.8	1	Greenstone/Greenschist	257	<20	59.
6353784	1159449	139.8	140.8	1	Greenstone/Greenschist	264	57	31.
Total Width/ Average		134.80	140.80	6.00		114	72	261
Lower Intercept								
6353786	1159451	146.4	147.4	1	Greenstone/Greenschist	338	<20	93.
6353787	1159452	147.4	148.4	1	Greenstone/Greenschist	187	<20	135
6353788	1159453	148.4	149.4	1	Greenstone/Greenschist	459	<20	723
6353789	1159454	149.4	150.4	1	Pegmatite	44	222	37.
6353790	1159455	150.4	150.95	0.55	Pegmatite	105	1420	155
6353791	1159456	150.95	152	1.05	Pegmatite	662	<20	278
6353792	1159457	152	153	1	Pegmatite	67	265	30.
6353793	1159458	153	154	1	Pegmatite	31	383	46.
6353794	1159459	154	155	1	Pegmatite	12	170	35.
6353796	1159461	155.00	156.00	1	Pegmatite	10	175	29.
6353797	1159462	156	156.85	0.85	Pegmatite	11	46	8.3
6353798	1159463	156.85	157.3	0.45	Pegmatite	173	<20	187
6353799	1159464	157.3	158.2	0.9	Pegmatite	32	145	24.
6353800	1159465	158.2	159	0.8	Pegmatite	64	167	25.
6353801	1159466	159	159.45	0.45	Pegmatite	267	47	428
6353802	1159467	159.45	160.4	0.95	Pegmatite	48	145	31.
6353803	1159468	160.4	161.3	0.9	Pegmatite	21	165	36.
6353804	1159469	161.3	162.2	0.9	Pegmatite	20	578	37.
6353806	1159471	162.2	163.20	1	Hornblende Schist	170	24	370
6353807	1159472	163.20	164.20	1	Hornblende Schist	473	71	125
6353808	1159473	164.20	165.20	1	Hornblende Schist	124	25	420
6353809								

1159474

165.75

166.75

1

Hornblende Schist

74

<20

5.6

6353810	1159475	166.75	167.75	1	Hornblende Schist	156	<20	63.
6353811	1159476	167.75	168.50	0.75	Pegmatite	32	75	14.
6353812	1159477	168.50	169.50	1	Pegmatite	57	73	18.
6353813	1159478	169.50	170.50	1	Hornblende Schist	313	<20	130
6353814	1159479	170.50	171.50	1	Hornblende Schist	849	<20	78.
Total Width/ Average		146.40	171.50	25.10		178	233	174

SOURCE: Linear Minerals Corp.