

# Global Battery Metals Acquires Lithium King Property in Utah

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Vancouver, March 4, 2021 - GBML Battery Metals Ltd. (TSXV: GBML) (FSE: REZ) (OTCQB: REZZF) (the "Company" or "GBML") is pleased to announce, that through the staking of federal placer claims, it has acquired the property area known as the Lithium King property (the "Lithium King Property" or the "Property").

## Lithium King Property Highlights:

- Prospective lithium bearing brine aquifer located on the west side of the Great Salt Lake Basin in western Utah.
- The land position consists of approximately 7,900 acres (3,200 hectares) of placer claims.
- Excellent infrastructure: Interstate Highway I-80 runs through the Property.
- Adjacent to active brine mining operation.
- Mining friendly jurisdiction.

Michael Murphy, President and CEO, commented: "We are very excited to have added the Lithium King Property to our growth-oriented portfolio of battery metals projects. Samples from the Property have recorded positive lithium values, with excellent access from Interstate Highway 80, which runs beside the Property. We look forward to rapidly advancing this Property, beginning with digitizing historical data, water sampling, modelling, and ultimately leading to drill testing."

## Lithium King Property Overview

The Lithium King Property is located on the west side of the Great Salt Lake Basin in western Utah, adjacent to the community of Wendover, Utah. The land position consists of approximately 7,900 acres (3,200 hectares) of placer claims.

The Property has the potential to host a lithium, and magnesium brine deposit in an existing mineral producing location in a mining-friendly state.

## Figure 1. Lithium King Property

To view an enhanced version of Figure 1, please visit:  
[https://orders.newsfilecorp.com/files/7080/76037\\_figure%201%20jpeg.jpg](https://orders.newsfilecorp.com/files/7080/76037_figure%201%20jpeg.jpg)

The lithium and magnesium on the Lithium King Property are present as dissolved salts in a large surface brine aquifer, which is believed to be derived from both surface erosion of lithium-rich rhyolites (as part of the Pilot and Toano Ranges) and mineral-rich geothermal brine flows into the basin sediments from deep seated faults underlying the 20-mile-long basin.

Lithium values from several samples from 39 shallow wells (25 feet) averaged 244 parts per million (ppm) and ranged from a low 49 ppm to a high of 1,200 ppm. The lithium values from these wells are set out in Schedule A. (See also United States Geological Survey Data Base: Produced Waters, Volume 2.2n.xlsx, available in the Utah Geological Survey files.) The Lithium King Property is within the Great Basin of the western United States, where lithium concentrations of greater than 10 ppm in brines are anomalous. Lithium values from the only lithium production in the United States, in Clayton Valley, Nevada, also in the Great Basin, range from 75 to about 250 ppm. (PC - W. R. Henkle, Jr.).

## Figure 2. Property looking north towards Pilot Peak

To view an enhanced version of Figure 2, please visit:

[https://orders.newsfilecorp.com/files/7080/76037\\_96f502bde4881a7a\\_007full.jpg](https://orders.newsfilecorp.com/files/7080/76037_96f502bde4881a7a_007full.jpg)

Magnesium values at the Property and near vicinity range between 1,300 and 8,500 ppm (see United States Geological Survey Data Base: Produced Waters, Volume 2.2n.xlsx, available in the Utah Geological Survey (USGS) files, and Selected Ground-Water Data, Bonneville Salt Flats and Pilot Valley, Western Utah, Utah Basic-Data Release No. 30, United States Geological Survey).

The shallow aquifer water samples (as per USGS sampling) may not reflect the deeper basin below 25 feet depth. Drilling to bedrock and brine sampling is needed to confirm the presence of and concentration of lithium in the deeper basin brines.

In addition to the large surface brine aquifer, several deeper, thick, porous clastic horizons are present. These horizons were identified by inspection of the drill logs from the Shell-Salduro oil exploration well which was drilled just west of the Property boundary. The historical drill logs identified this deep sequence of aquifers (greater than 70% volcanic conglomerates) at the basin bedrock contact, at a depth of between 1,350 and 2,650 feet, beneath 1,300 feet of impervious, clay-rich sediments. They provide posited permeable reservoirs for large quantities of what are thought to be higher value brines (undiluted by meteoritic water). Because of the moderate target depths, both exploration and production drilling could be undertaken with conventional hard rock drilling equipment and should not require oilfield tools.

The lithium and magnesium anomalous area overlies basement faulting identified by geophysical surveying and confirmed by oil and gas drilling records (the logs of the Shell-Salduro oil exploration well located in the Property vicinity, are public information, maintained by the Utah Dept. of Oil, Gas and Mining). The geothermal fluids which are thought to be sourced from the underlying faults are believed to be the primary source of mineralization. This is supported by: (1) the U.S. Geological Survey observation that, despite the presence of an industrial minerals extraction operation in an adjacent area for many years, there has been no depletion of mineral values as would be expected if the recharge to the aquifer was from meteoric waters (USGS Professional Paper # 1585); and (2) water temperatures are elevated over the highly mineralized area (see Selected Ground-Water Data, Bonneville Salt Flats and Pilot Valley, Western Utah, Utah Basic-Data Release No. 30, United States Geological Survey and, United States Geological Survey Data Base: Produced Waters, Volume 2.2n.xlsx, available in the Utah Geological Survey files).

## Work Program

To assess the lithium potential of the basin brines on the Lithium King Property and subject to the receipt of any required drilling permits, GBML expects to conduct the following work:

1. Locate and digitize existing oil well data to help in the modelling of the basin.
2. Acquire public domain geophysical datasets. This will help in improving the subsurface structural and geological model. A depth to basement modelling exercise shall be completed. The data to be included in such model is expected to include, but is not limited to:
  - Gravity
  - Magnetism
  - Seismic
  - Exploration mud rotary drilling with wireline geophysics to evaluate the stratigraphy and basement depth for the Property area.
1. Water sampling of drill holes using in-hole packer equipment to test for lithium enrichment and deleterious element content of the brine.
2. Acquire additional geophysical data to assess basement depth, water content and brine depth throughout the basin. This will be completed by a combination of gravity and electro magnetic data acquisition.
3. Further drilling to test for:
  - Stratigraphy
  - Brine composition
  - Production metrics

## Finder's Fee

In connection with acquiring the Property, the Company has agreed to pay a finder's fee (the "Finder's Fee") to Atherton Resources LLC. Subject to acceptance of the TSX Venture Exchange, the Finder's Fee shall include: (1) a 2% net smelter royalty over the Property, with a right to repurchase 1% of such royalty for the greater of US\$1 million or 10% of the value of such 1% royalty; (2) the issuance of 150,000 common shares ("Shares") of the Company upon delivery of a technical report prepared in accordance with National Instrument 43-101 in respect of the Property; and (3) the issuance of 380,000 Shares upon delivery of a positive feasibility study in respect of the Property.

## Qualified Person

The scientific and technical information in this news release has been reviewed and approved by William R. Henkle, Jr., a "qualified person" within the meaning of National Instrument 43-101.

## About Global Battery Metals Ltd.

GBML is a mineral exploration company with a focus on metals that make up and support the rapid evolution to battery power. GBML's common shares are listed on the TSX Venture Exchange, OTCBB and Frankfurt. GBML currently has two projects: (1) an option to acquire up to 90 per cent of the North-West Leinster lithium property in Ireland, and (2) a 55-per-cent stake in Peru-based Lara copper property, which has over 10,000 metres of drilling. As previously disclosed, Minsur S.A., a Peruvian mining company, entered into an option agreement with GBML and [Lara Exploration Ltd.](#) to acquire the Lara property for staged payments of \$5.75 million (U.S.). GBML will retain a 0.75-per-cent net smelter royalty.

Michael Murphy BA, MBA, MSc., ICD  
President & CEO  
E: [MM@gbml.ca](mailto:MM@gbml.ca)

## Cautionary Note Regarding Forward-Looking Statements

This press release contains forward-looking information within the meaning of the applicable Canadian securities legislation. Forward-looking information in this press release includes, but is not limited to, statements about the Lithium King Property, including the potential lithium values of the brine, the lithium potential of the Property, the receipt of required drilling permits and the proposed work program, the terms of the Finder's Fee and regulatory approval of such fee. These statements are based on information currently available to the Company and the Company provides no assurance that actual results will meet management's expectations. Sufficient work has not been performed on the Lithium King Property to determine what lithium and potassium values are present. In certain cases, forward-looking information may be identified by such terms as "anticipates", "believes", "could", "estimates", "expects", "may", "shall", "will", or "would". These forward-looking statements are subject to numerous risks and uncertainties, certain of which are beyond the control of the Company, including, but not limited to, impacts arising from the global disruption caused by the COVID-19 coronavirus outbreak, fluctuations in general macroeconomic conditions, availability of financing, the potential for gold and/or lithium at any of the Company's properties, the prospective nature of any claims comprising the Company's property interests, industry conditions, dependence upon regulatory approvals, and uncertainty of sample results, timing and results of future exploration. Please refer to the Company's MD&A for the year ended April 30, 2020 and other disclosure documents filed under its profile on SEDAR for other risks that could materially affect the Company. These and other factors should be considered carefully, and readers should not place undue reliance on the Company's forward-looking information. The Company does not undertake to update any forward-looking information that may be made from time to time by the Company or on its behalf, except in accordance with applicable securities laws.

NEITHER THE TSX-V NOR ITS REGULATION SERVICES PROVIDER (AS THAT TERM IS DEFINED IN THE POLICIES OF THE TSX-V) ACCEPTS RESPONSIBILITY FOR THE ADEQUACY OF THIS RELEASE. NO STOCK EXCHANGE, SECURITIES COMMISSION OR OTHER REGULATORY AUTHORITY HAS APPROVED OR DISAPPROVED THE INFORMATION CONTAINED HEREIN.

## Schedule A

## LITHIUM KING PLAY AREA SHALLOW AQUIFER BRINES

TOOELE COUNTY, UTAH

PREPARED BY: Henkle and Assoc. from the U.S. Geological Survey Database: Produced Waters, Volume 2.2n.xlsx

COUNT	WELLNAME	Li	Mg	Mg/Li	Ca	Ca/Li	Ca/Mg	WELLTYPE	WELLCLASS
1	NWIS Well (C- 1-17)18cab- 1	1200	5600	4.6666667	1000	0.83333333	0.178571429	Geothermal	
2	NWIS Well (B- 1-17)22abd- 1	1100	5400	4.9090909	1000	0.90909091	0.185185185	Geothermal	
3	NWIS Well (B- 1-17)29dac- 1	1000	5400	5.4	940	0.94	0.174074074	Geothermal	
4	NWIS Well (C- 1-18) 3dcd- 2	970	4800	4.9484536	1000	1.03092784	0.208333333	Geothermal	
5	NWIS Well (B- 1-17)11aac- 1	810	5000	6.1728395	1200	1.48148148	0.24	Geothermal	
6	NWIS Well (C- 1-17) 4bba- 1	810	4300	5.308642	940	1.16049383	0.218604651	Geothermal	
7	NWIS Well (B- 1-17)22bca- 1	760	4500	5.9210526	920	1.21052632	0.204444444	Geothermal	
8	NWIS Well (B- 1-17)12dcc- 1	730	4700	6.4383562	1200	1.64383562	0.255319149	Geothermal	
9	NWIS Well (B- 2-17)36ddd- 1	720	4600	6.3888889	1200	1.66666667	0.260869565	Geothermal	
10	NWIS Well (B- 1-17)23bad- 2	700	4300	6.1428571	1200	1.71428571	0.279069767	Geothermal	
11	NWIS Well (B- 1-17)19dad- 2	620	3700	5.9677419	1100	1.77419355	0.297297297	Geothermal	
12	NWIS Well (B- 1-17)23abd- 1	580	3800	6.5517241	1300	2.24137931	0.342105263	Geothermal	
13	NWIS Well (B- 1-17)22aad- 1	570	4100	7.1929825	1100	1.92982456	0.268292683	Geothermal	
14	NWIS Well (C- 1-18)17bdb- 1	420	3100	7.3809524	1100	2.61904762	0.35483871	Geothermal	
15	NWIS Well (B- 1-17)21add- 3	290	3000	10.344828	1200	4.13793103	0.4	Geothermal	
16	NWIS Well (C- 1-17)15dbd- 1	250	1800	7.2	1100	4.4	0.611111111	Geothermal	
17	NWIS Well (C- 1-18)11ccd- 1	170	1800	10.588235	1200	7.05882353	0.666666667	Geothermal	
18	NWIS Well (C- 3- 2)35abc- 1	120	8500	70.833333	910	7.58333333	0.107058824	Geothermal	
19	NWIS Well (C- 1-17)18cab- 1	95	5100	53.684211	960	10.1052632	0.188235294	Geothermal	
20	NWIS Well (B- 4-18)17ddd- 1	88	2500	28.409091	2200	25	0.88	Geothermal	
21	NWIS Well (B- 1-17)29dac- 1	88	4800	54.545455	830	9.43181818	0.172916667	Geothermal	
22	NWIS Well (C- 1-17)17bba- 1	86	5000	58.139535	970	11.2790698	0.194	Geothermal	
23	NWIS Well (C- 1-18)11ccd- 2	85	4300	50.588235	1100	12.9411765	0.255813953	Geothermal	
24	NWIS Well (B- 4-18)17aaa- 1	85	3700	43.529412	1000	11.7647059	0.27027027	Geothermal	
25	NWIS Well (C- 2- 1) 6abc- 4	84	5700	67.857143	920	10.952381	0.161403509	Geothermal	
26	NWIS Well (B- 5-18)32ddc- 1	81	2500	30.864198	2200	27.1604938	0.88	Geothermal	
27	NWIS Well (B- 4-18)17ddd- 1	78	2900	37.179487	2500	32.0512821	0.862068966	Geothermal	
28	NWIS Well (B- 5-18)32ddc- 1	78	3100	39.74359	2900	37.1794872	0.935483871	Geothermal	
29	NWIS Well (C- 1-17) 4bba- 1	75	4700	62.666667	1000	13.3333333	0.212765957	Geothermal	
30	NWIS Well (C- 3- 5) 4bbb- 2	75	5300	70.666667	1100	14.6666667	0.20754717	Geothermal	
31	NWIS Well (B- 1-17)31acc- 1	72	5700	79.166667	1100	15.2777778	0.192982456	Geothermal	
32	NWIS Well (C- 1-17)17bba- 1	71	5200	73.239437	1000	14.084507	0.192307692	Geothermal	
33	NWIS Well (B- 1-17)31acc- 1	71	5100	71.830986	910	12.8169014	0.178431373	Geothermal	
34	NWIS Well (B- 1-17)11aac- 1	69	3800	55.072464	970	14.057971	0.255263158	Geothermal	
35	NWIS Well (B- 1-17)31acc- 1	69	5800	84.057971	1100	15.942029	0.189655172	Geothermal	
36	NWIS Well (B- 2- 1)24bad-10	69	2400	34.782609	2200	31.884058	0.916666667	Geothermal	
37	NWIS Well (B- 1-17)12dcc- 1	67	2200	32.835821	2100	31.3432836	0.954545455	Geothermal	
38	NWIS Well (B- 1-17)22abd- 1	67	4300	64.179104	970	14.4776119	0.225581395	Geothermal	
39	NWIS Well (B- 4-18) 1cbc- 1	66	2200	33.333333	2000	30.3030303	0.909090909	Geothermal	
40	NWIS Well (C- 3- 5) 5aba- 1	66	4400	66.666667	1100	16.6666667	0.25	Geothermal	
41	NWIS Well (C- 1-18) 6adc- 2	65	1400	21.538462	1200	18.4615385	0.857142857	Geothermal	
42	NWIS Well (D- 1- 1) 4cac- 1	63	4000	63.492063	1200	19.047619	0.3	Geothermal	
43	NWIS Well (B- 1-17)36dac- 1	63	4800	76.190476	1100	17.4603175	0.229166667	Geothermal	
44	NWIS Well (B- 1-17)26cad- 1	61	4700	77.04918	1100	18.0327869	0.234042553	Geothermal	

45	NWIS Well (C- 2- 1)34dda- 1	61	3900	63.934426	1100	18.0327869	0.282051282	Geothermal
46	NWIS Well (B- 1-17)31acc- 3	60	3900	65	1100	18.3333333	0.282051282	Geothermal
47	NWIS Well (C- 1-18)17bdb- 1	60	3300	55	1100	18.3333333	0.333333333	Geothermal
48	NWIS Well (B- 1-18)32ccc- 1	59	1300	22.033898	920	15.5932203	0.707692308	Geothermal
49	NWIS Well (B- 1-17)34ddd- 1	59	4200	71.186441	1000	16.9491525	0.238095238	Geothermal
50	NWIS Well (B- 1-17)31acc- 2	59	4400	74.576271	950	16.1016949	0.215909091	Geothermal
51	NWIS Well (B- 1-17)31acc- 3	57	3300	57.894737	1000	17.5438596	0.303030303	Geothermal
52	NWIS Well (B- 2-17)36ddd- 1	56	3400	60.714286	1200	21.4285714	0.352941176	Geothermal
53	NWIS Well (B- 1-17)31acc- 2	54	4500	83.333333	1000	18.5185185	0.222222222	Geothermal
54	NWIS Well (B- 4-18)33ccc- 1	54	1700	31.481481	2100	38.8888889	1.235294118	Geothermal
55	NWIS Well (C- 1-17)10aac- 1	53	3500	66.037736	1200	22.6415094	0.342857143	Geothermal
56	NWIS Well (B- 1-17)26cad- 1	52	3200	61.538462	1200	23.0769231	0.375	Geothermal
57	NWIS Well (A- 3- 2)26aab- 1	51	3400	66.666667	1100	21.5686275	0.323529412	Geothermal
58	NWIS Well (B- 1-17)23abd- 1	50	3200	64	1300	26	0.40625	Geothermal
59	NWIS Well (B- 4-18)33ccc- 1	50	2200	44	2600	52	1.181818182	Geothermal
60	NWIS Well (B- 1-17)31acc- 2	49	4600	93.877551	1000	20.4081633	0.217391304	Geothermal

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