



**Balkan**  
Mining and Minerals Limited

## ASX ANNOUNCEMENT

19 July 2023

# STRONG SOIL ASSAY RESULTS FURTHER DEFINE TARGETS AT GORGE LITHIUM PROJECT

## HIGHLIGHTS

- Assay results from stepped out systematic soil sampling program return strong anomalous Li, Cs, and Ta results identifying ~2.6 km of trend strike prospective for lithium bearing pegmatites.
- In total, 651 soil samples taken across the enlarged area of 5 km<sup>2</sup> analysed for full multielement suites at ALS Laboratory in Vancouver.
- Assays results return a positive correlation for Li, Cs and Ta and a negative correlation for ratios K/Rb and K/Cs indicating a fertile LCT pegmatite environment.

**Balkan Mining and Minerals Ltd ("BMM" or "the Company") (ASX: BMM)** is pleased to announce all multi-element soil geochemistry results from recent systematic soil sampling completed at the Gorge Lithium Project located in Ontario, Canada (the "**Gorge Lithium Project**" or the "**Project**"), further demonstrating the strong potential of this Project.

The structured programme was designed to enhance extensions of previously identified soil sample anomalies which focused on the immediate vicinity of outcropping high-grade lithium-bearing pegmatites at the Koshman and Nelson occurrences (refer to announcement 6 July 2023), whilst also providing additional data on the wider project area.

A total of 651 samples were systematically collected from a focused 25x50m and wider 100x100m offset grid patterns covering an area of 5 km<sup>2</sup> (refer to Figure 4).

The results have defined two northwest-southwest striking trends coincident with high-grade outcropping spodumene-bearing pegmatites. Soil sampling assay results including up to 110.5 ppm Li strongly correlating with Cesium (Cs), Tantalum (Ta), and Tin (Sn) (typical pathfinder elements), (Table 1), have confirmed the presence of highly fractionated LCT-type pegmatites as the source of surficial geochemical anomalism.



**Figure 1 – Hand auger used to collect samples from "B" horizon**

ASX | **BMM**

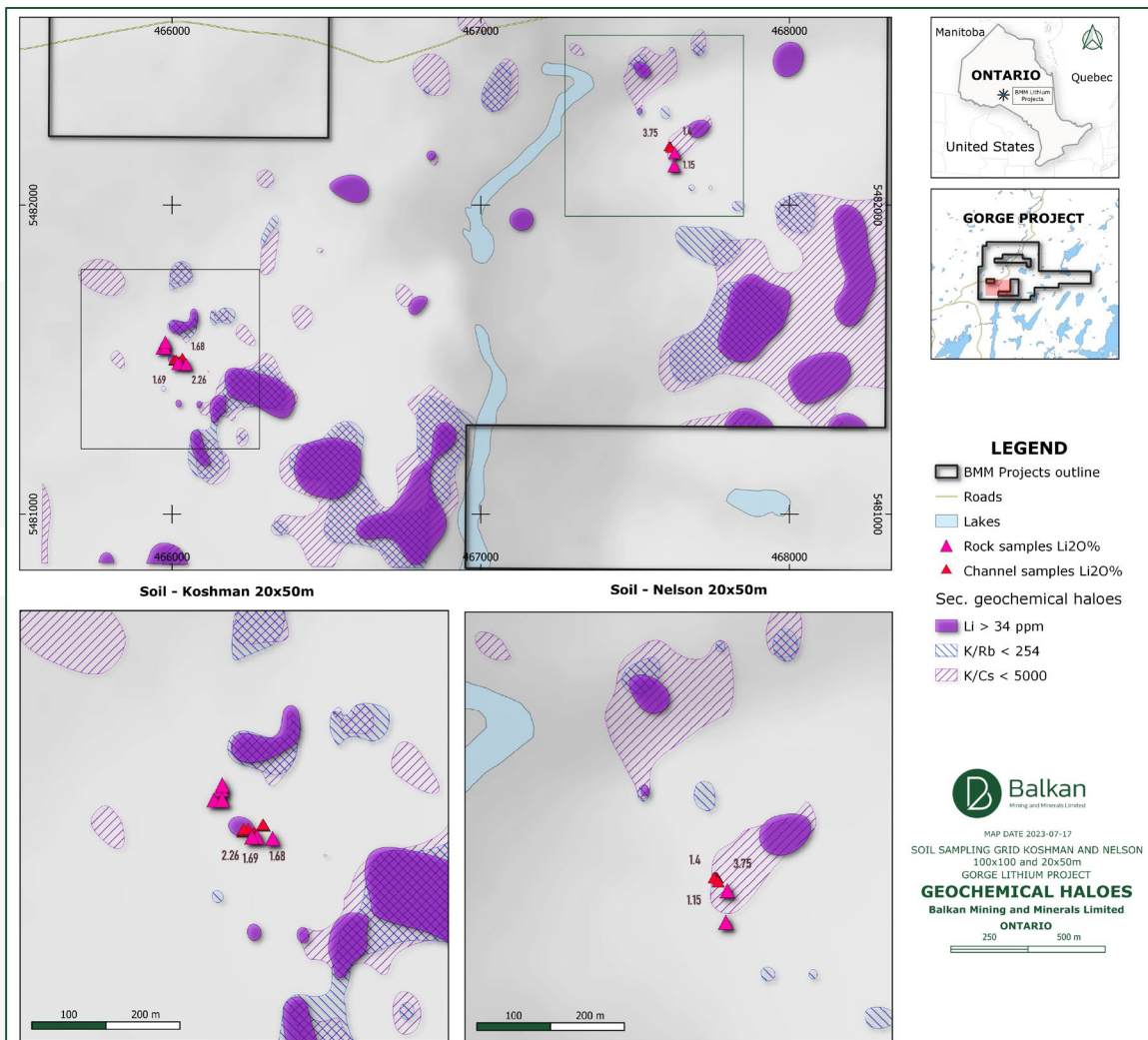


**Balkan**  
Mining and Minerals Limited

# ASX ANNOUNCEMENT

19 July 2023

Target areas are defined by coincident haloes of Li (90<sup>th</sup> percentile Li > 34ppm) and K/Rb and K/Cs ratios. The most noticeable anomaly was identified proximal to the Koshman spodumene pegmatites extending over 1.2km along a northwest-southeast striking trend. The second notable anomaly starts approximately 500 m southeast of the Nelson pegmatites extending over 1.4km, having a northwest-southeast striking trend. Both identified anomalies indicate the possible presence of multiple pegmatite dykes.



**Figure 2 – Map showing geochemical individual haloes of Li, K/Rb and K/Cs**

Based on the geochemical results of lithium and K/Rb and K/Cs ratios, the Company is able to utilise this data, together with its existing sampling and trenching data, to prioritise targets for further exploratory testing and drilling.

ASX | BMM



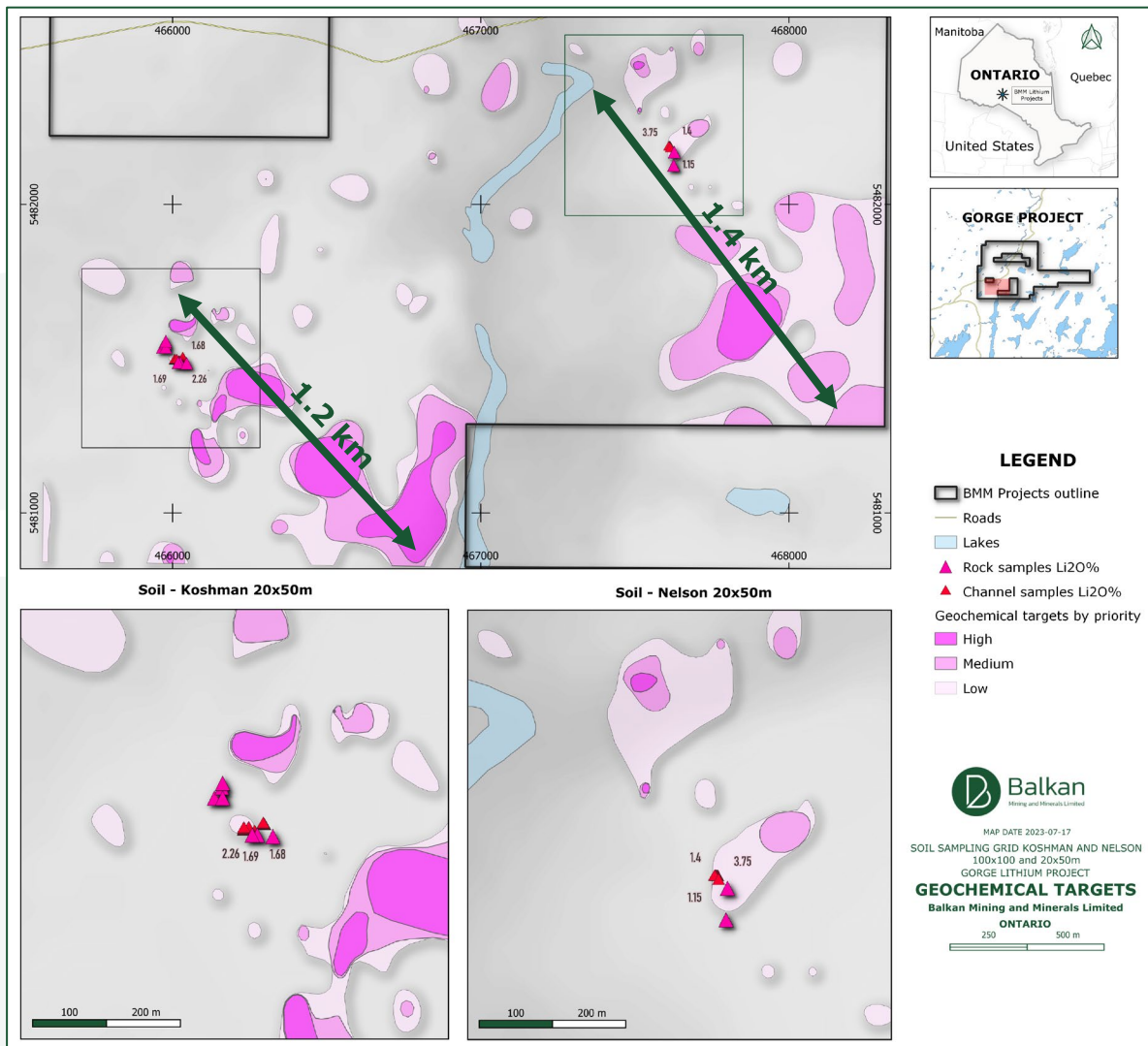
**Balkan**  
Mining and Minerals Limited

# ASX ANNOUNCEMENT

19 July 2023

**Table 1 – Statistical overview of pathfinder elements**

	Be_ppm	Cs_ppm	Li_ppm	Nb_ppm	Rb_ppm	Sn_ppm	Ta_ppm	K/Rb	K/Cs
MIN	0.1	0.3	1.9	0.7	3.9	0.3	0.0	102.0	369.0
MAX	5.4	23.3	110.5	12.9	102.5	5.5	4.1	399.0	25,286.0
MED	1.3	3.2	3.0	9.1	0.2	0.7	0.4	385.0	7,602.0
AVE	1.2	2.5	22.0	6.9	57.6	1.0	0.5	292.4	8,174.4



**Figure 3 – Map showing target prioritisation**

ASX | BMM

For personal use only

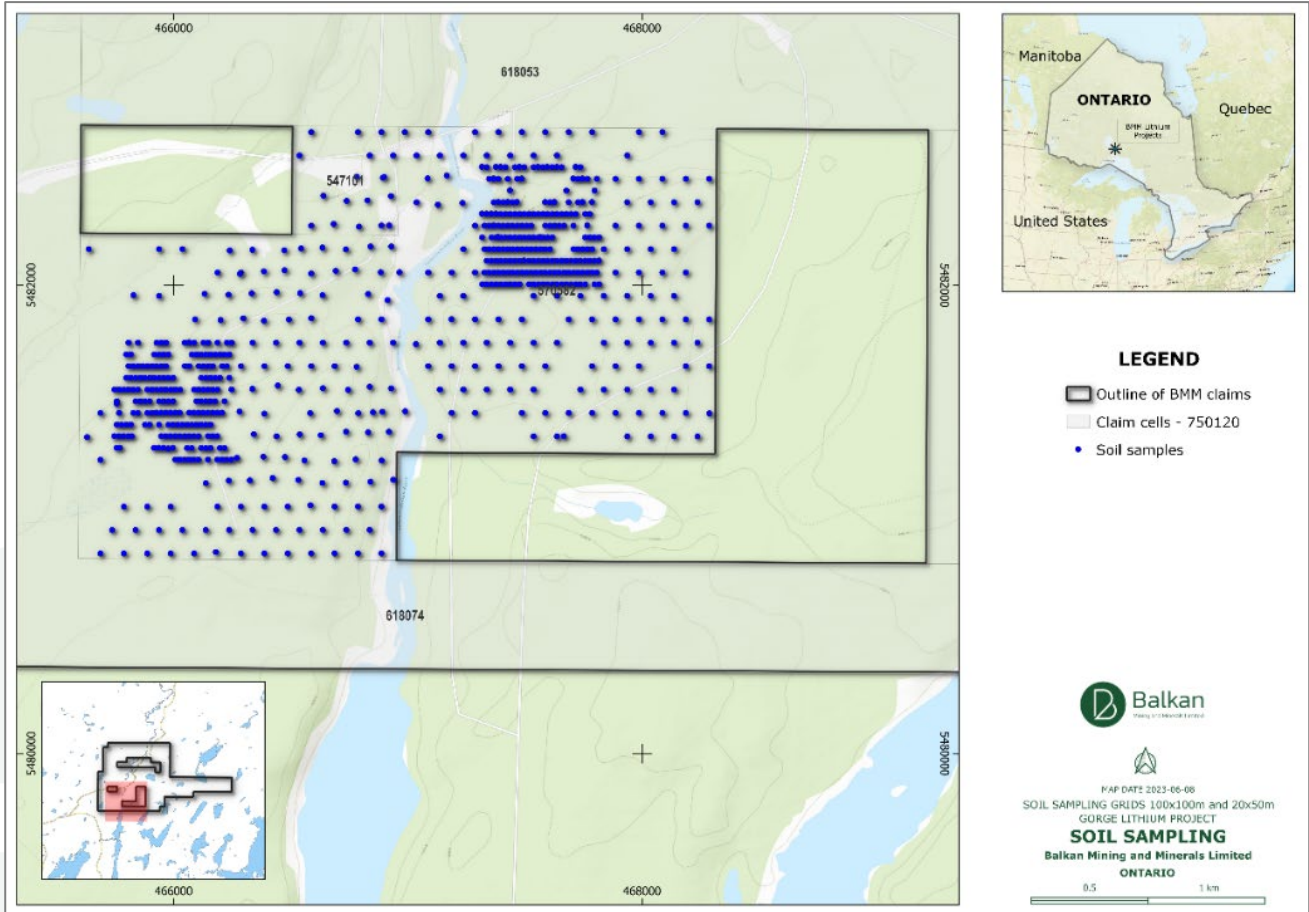




**Balkan**  
Mining and Minerals Limited

# ASX ANNOUNCEMENT

19 July 2023



**Figure 4 – Sample Locations Map**

**Balkan Mining and Minerals, Managing Director, Ross Cotton commented:**

*"New geochemical findings at the Gorge Lithium Project are promising, identifying large and highly prospective areas for lithium-bearing pegmatites. These results validate previous work and match high-grade lithium pegmatites discovered at our fertile Koshman and Nelson pegmatite located nearby. Notably, the significant levels of lithium and other trace elements like Cs, Ta, and Sn suggest that LCT-type pegmatites are the reason for the surface geochemical anomalies."*

**For further information please contact:**

**Ross Cotton**

Managing Director

E: [Ross.Cotton@balkanmin.com](mailto:Ross.Cotton@balkanmin.com)

**Authorised for release by the Managing Director of Balkan Mining and Minerals Limited**

**-ENDS-**

ASX | BMM



**Balkan**  
Mining and Minerals Limited

## ASX ANNOUNCEMENT

19 July 2023

### Competent Persons Statement

The information in this report that relates to Exploration Targets or Exploration Results is based on information compiled by Mr Dejan Jovanovic, a Competent Person who is a Member of the European Federation of Geologists (EurGeol). The European Federation of Geologists is a Joint Ore Reserves Committee (JORC) Code 'Recognised Professional Organisation' (RPO). An RPO is an accredited organisation to which the Competent Person under JORC Code Reporting Standards must belong to report Exploration Results, Mineral Resources, or Ore Reserves through the ASX. Mr Jovanovic is the General Manager of Exploration and is a full-time employee of the Company. Mr Jovanovic has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the JORC 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Jovanovic consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

### About Gorge

The Gorge Lithium Project consists of eleven (11) multi-cell and one (1) single mining claim, covering an area of 43km<sup>2</sup>. The Project is located approximately 215 km northeast of Thunder Bay, Ontario, and approximately 60 km southwest of Geraldton, Ontario. The Project site is accessed via Trans Canada Hwy 11 with entry points along well-graded gravel logging roads starting 40 km north of Nipigon/Trans Canada Hwy 14/11 intersection (Gorge Creek Road) and Camp 51 Rd, approximately 33 km west of Geraldton. Access to the Koshman and Nelson mineral occurrence sites are ideal along foot access (path) points 1.4 km and 0.3 km from the Gathering Lake Outfitters wilderness/hunting camp. Access to the Project as indicated above is clear and close to Trans Canada Hwy 11 near the towns of Nipigon and Geraldton.

The Company has the Option to acquire 100% interest in the Gorge Lithium Project via a four staged earn-in acquisition over a period of up to three and a half years. Please refer to the Company's announcement dated 04 July 2022 for full details on the Option Agreement Terms.

### Forward-looking Statements

Certain statements included in this release constitute forward-looking information. Statements regarding BMM's plans with respect to its mineral properties and programs are forward-looking statements. There can be no assurance that BMM's plans for development of its mineral properties will proceed as currently expected. There can also be no assurance that BMM will be able to confirm the presence of additional mineral resources, that any mineralisation will prove to be economic or that a mine will successfully be developed on any of BMM's mineral properties. The performance of BMM may be influenced by several factors which are outside the control of the Company and its Directors, staff, and contractors.

These statements include, but are not limited to statements regarding future production, resources or reserves and exploration results. All such statements are subject to certain risks and uncertainties, many of which are difficult to predict and beyond the control of the Company, that could cause actual results to differ materially from those expressed in, or implied or projected by, the forward-looking information and statements. These risks and uncertainties include, but are not limited to: (i) those relating to the interpretation of exploration sample, mapping and drill results, the geology, grade and continuity of mineral deposits and conclusions of economic evaluations, (ii) risks relating to possible variations in reserves and resources, grade, planned mining dilution and ore loss, or recovery rates and changes in project parameters as plans continue to be refined, (iii) the potential for delays in exploration or development activities or the completion of feasibility studies, (iv) risks related to commodity price and foreign exchange rate fluctuations, (v) risks related to failure to obtain adequate financing on a timely basis and on acceptable terms or delays in obtaining governmental approvals or in the completion of development or construction activities, and (vi) other risks and uncertainties related to the Company's prospects, properties and business strategy.

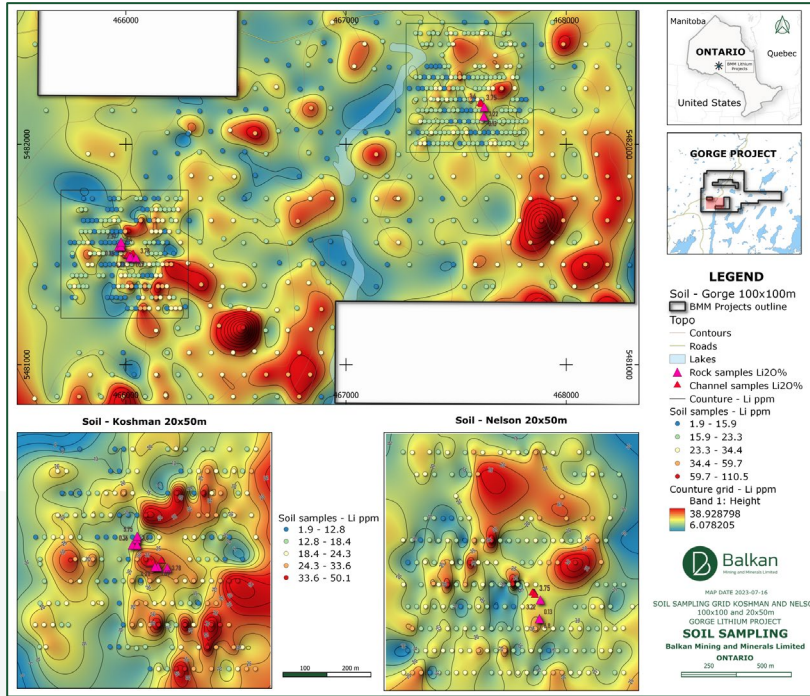
Except for statutory liability which cannot be excluded, each of BMM, its officers, employees and advisors expressly disclaim any responsibility for the accuracy or completeness of the material contained in these forward-looking statements and excludes all liability whatsoever (including in negligence) for any loss or damage which may be suffered by any person as a consequence of any information in forward-looking statements or any error or omission. BMM undertakes no obligation to update publicly or release any revisions to these forward-looking statements to reflect events or circumstances after today's date or to reflect the occurrence of unanticipated events other than required by the Corporations Act and ASX Listing Rules. Accordingly, you should not place undue reliance on any forward-looking statement.

ASX | **BMM**

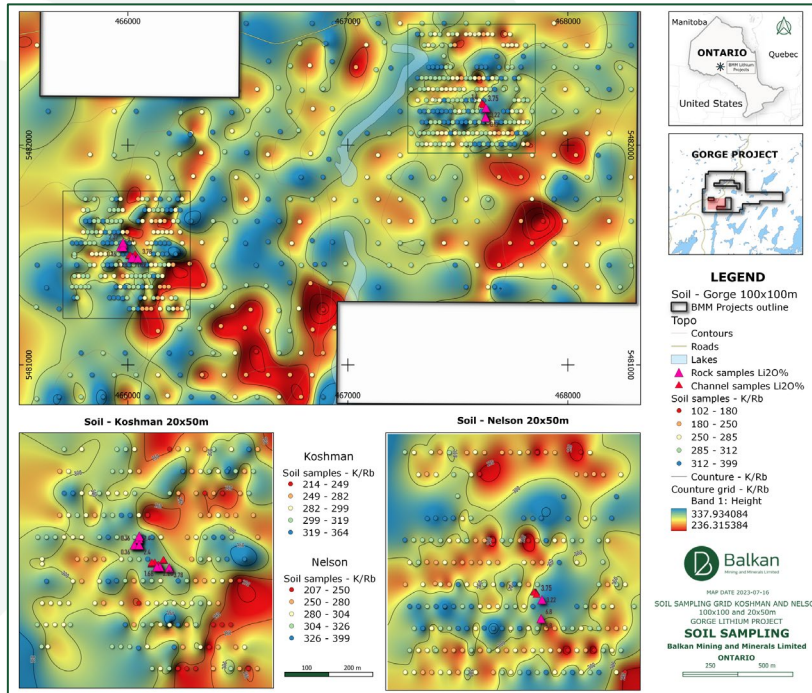


**Balkan**  
Mining and Minerals Limited

**Appendix I: Soil sampling interpretation maps**



**Figure 1 – Lithium geochemical anomaly map**



**Figure 2 – K/Rb ratios geochemical anomaly map**

ASX | BMM

For personal use only

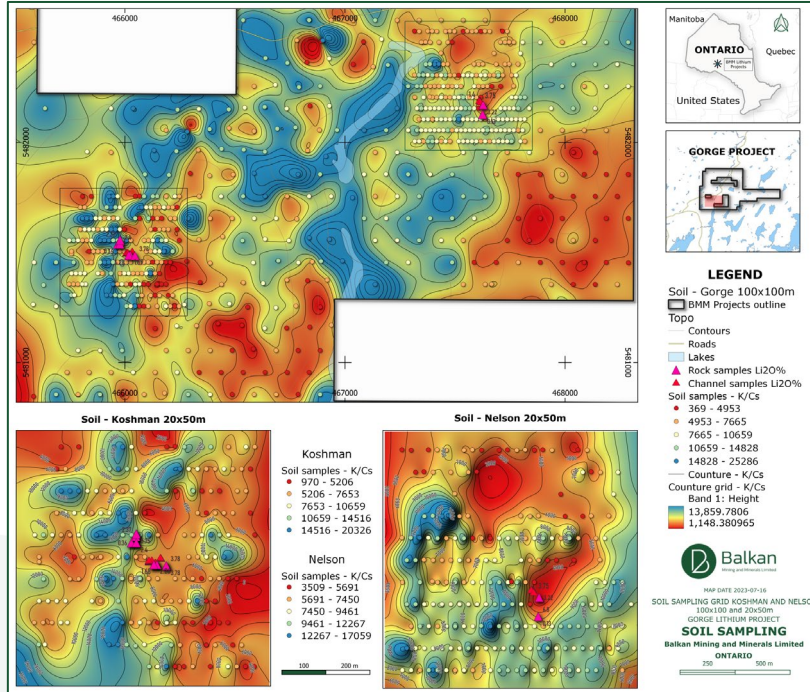




**Balkan**  
Mining and Minerals Limited

# ASX ANNOUNCEMENT

19 July 2023



**Figure 3 – K/Cs ratios geochemical anomaly map**

ASX | BMM

Balkan Mining and Minerals Limited ABN 67 646 716 681  
Level 50, 108 St Georges Terrace, Perth WA 6000  
T: +61 8 6109 6684 E: info@balkanmin.com [www.balkanmin.com](http://www.balkanmin.com)

For personal use only



**Balkan**  
Mining and Minerals Limited

# ASX ANNOUNCEMENT

19 July 2023

## Appendix II: Soil sampling results

Sample Id	Easting	Northing	Be_ppm	cr_ppm	Cs_ppm	Li_ppm	Nb_ppm	Rb_ppm	Sn_ppm	Ta_ppm	K/Rb	K/Cs	Sample Id	Easting	Northing	Be_ppm	cr_ppm	Cs_ppm	Li_ppm	Nb_ppm	Rb_ppm	Sn_ppm	Ta_ppm	K/Rb	K/Cs
294651	466066	5481756	1.13	101.5	2.92	21.8	5.52	42.5	0.9	0.39	271	3938	294718	466106	5481356	1.17	44.7	3.73	22.8	6.86	57.8	1.03	0.53	308	4772
294652	466047	5481755	1.12	75.7	3.17	18	6.62	56.9	0.85	0.41	241	4322	294719	466086	5481356	1.25	91.5	2.17	43.7	6.11	33.2	0.88	0.46	271	4147
294653	465967	5481755	1.1	63.7	1.73	18.6	8.68	54.4	1.11	0.55	285	8960	294720	466066	5481356	1.02	42.3	2.07	17.1	6.82	53.6	0.92	0.5	328	8502
294654	465947	5481755	1.18	32.6	0.95	10.4	4.91	50.6	0.68	0.33	326	17368	294721	466046	5481356	1.12	41.4	1.41	15.5	6.38	52.6	0.81	0.44	342	12766
294655	465927	5481755	1.11	46.2	1.04	10.8	11.65	52.4	0.8	3.56	311	15673	294722	466026	5481356	1.19	83	2.59	41.1	6.76	44.5	1.01	0.48	288	4942
294656	465847	5481755	0.24	14.4	0.51	4	1.145	8.39	0.32	0.08	298	4902	294723	466006	5481356	1.16	75.4	1.63	29.7	6.76	40.4	0.97	0.45	307	7607
294657	465807	5481755	0.1	9.4	0.31	1.9	0.71	3.87	0.42	0.05	310	3871	294724	465986	5481356	1.19	52.4	2.26	21.2	6.83	57.4	0.83	0.46	322	8186
294658	465807	5481655	1.07	32.4	0.94	9.6	5.93	50	0.69	0.39	334	17766	294725	465966	5481356	1.24	58.4	2.63	28.3	7.33	60.7	0.96	0.54	278	6426
294659	465827	5481655	1.13	32.6	1.03	10.6	4.91	52.1	0.65	0.31	347	17573	294726	465946	5481356	1.04	30.1	0.93	10.7	4.39	51.8	0.55	0.3	330	18387
294660	465847	5481655	1.1	33.2	0.94	9	4.86	52.5	0.67	0.3	303	16915	294727	465821	5481356	1.16	48.3	2.08	16.8	5.83	55.8	0.9	0.42	310	8317
294661	465867	5481655	1.06	39.8	1.65	15.1	6.57	60	0.84	0.42	290	10545	294728	465806	5481356	1.56	40.1	1.94	16.2	5.83	58.1	1.03	0.4	299	8969
294662	465887	5481655	1.2	50.9	2	17.7	6.07	55.5	0.85	0.4	317	8800	294729	465786	5481356	1.28	58.3	2.66	21.8	7.05	56.3	1.09	0.47	293	6203
294663	465907	5481655	1.26	49.1	2.82	21.1	6.92	58.4	0.97	0.45	296	6135	294730	465766	5481356	1.3	61.4	2.67	24	6.55	57	0.9	0.52	293	6255
294664	465927	5481655	1.13	57.7	2.21	20.5	7.74	61.6	1.06	0.5	295	8235	294731	465746	5481356	1.22	51	2.36	22.4	6.34	56.6	1.08	0.44	307	7373
294665	465947	5481655	1.26	64	2.32	26.8	6.79	55.3	1.02	0.45	289	6897	294732	465726	5481306	1.16	44.3	1.4	13.7	5.69	53.9	0.79	0.38	325	12500
294666	465967	5481655	1.14	49	2.01	20.3	6.27	56.5	0.87	0.42	308	8657	294733	465706	5481306	1.17	54.7	1.96	22.2	5.79	55.2	0.91	0.53	290	8163
294667	466047	5481655	1.03	29.4	1.35	12.1	5.88	59.5	0.74	0.37	323	14222	294734	465686	5481306	1.12	35.4	0.89	9.2	5.58	50.1	0.74	0.37	321	18090
294668	466067	5481655	1.35	106	3.18	45.4	6.61	45.5	0.99	0.47	255	3648	294735	465936	5481306	1.54	32.9	1.02	10.6	5.03	56.2	0.69	0.3	320	17647
294669	466107	5481655	0.97	32.4	1.46	9.8	8.09	65.4	0.93	0.73	275	12329	294736	465916	5481306	1.02	37.4	1.24	14.4	6.39	56.8	0.79	0.42	317	14516
294670	466127	5481655	1.18	107.5	3.87	38	6.42	65.3	0.96	0.44	250	4212	294737	465896	5481303	1.18	39.8	1.38	13.8	6.19	52.5	0.76	0.44	333	12681
294671	466147	5481655	1.15	50.6	3.22	23.7	7.2	73.2	1.01	0.5	260	5901	294738	465976	5481306	1.11	42.1	1.62	14.7	6.03	55.7	0.83	0.38	298	10247
294672	466167	5481655	1.18	66.4	3.26	28.6	7.39	57.1	1.06	0.49	233	4080	294739	465956	5481256	1.4	52.5	3.65	26.4	7.13	68.9	1.08	0.51	267	5041
294673	466207	5481655	1.13	48.5	2.35	18.4	5.58	62.8	0.91	0.39	258	6894	294740	466226	5481256	1.23	542	0.97	26.3	0.691	9.06	0.86	0.04	243	2268
294674	466227	5481655	1.18	61.9	2.69	23.9	6.59	54.5	0.96	0.5	312	6320	294741	466206	5481256	1.26	71.2	2.98	23.9	7.14	59.4	0.97	0.53	274	5470
294675	466247	5481655	1.16	48.8	3.95	24.3	7.3	65.9	1.07	0.47	270	4506	294742	466186	5481256	1.16	36.8	1.96	15.4	6.36	62.6	0.81	0.42	312	9949
294676	466187	5481555	0.98	33.7	2.12	11.7	7.04	52.9	1.08	0.48	316	7877	294743	466146	5481256	1.28	74.3	3.06	26.6	6.35	61.8	0.88	0.41	254	5131
294677	466167	5481555	1.17	53.4	1.45	17.6	6.33	48.5	0.9	0.48	336	11241	294744	466007	5481256	1.14	34.5	1.47	10.2	4.96	56.7	0.58	0.31	323	12449
294678	466147	5481555	1.1	35.4	1.13	9.7	5.95	52.1	0.74	0.4	328	15133	294745	466026	5481256	1.21	50.3	1.66	19.6	6.96	55.1	0.91	0.45	296	9819
294679	466127	5481555	1.06	41.9	2.09	17.3	7.07	53.2	0.98	0.5	316	8038	294746	466046	5481256	1.18	37	1.08	14.4	6.14	55.5	0.91	0.38	321	16481
294680	466107	5481555	1.32	70.1	2.54	21.5	6.12	58.9	0.88	0.42	284	6575	294747	466066	5481256	1.19	77.9	3.26	40.9	9.26	66.7	1.25	0.63	223	4571
294681	466087	5481555	1.15	67.2	1.96	19.9	6.36	55.1	0.92	0.42	272	7653	294748	466086	5481256	1.41	101	3.2	39.5	8.26	62.7	1.16	0.54	241	4719
294682	466027	5481555	1.03	46.4	2.77	19.9	7.7	60.9	1.14	0.5	284	6245	294749	466106	5481256	1.34	66.1	2.96	25	7.34	75.2	1.01	0.47	241	6115
294683	466007	5481555	1.17	31.9	1.21	10.4	5.91	56.9	0.66	0.33	330	15537	294751	466087	5481755	1.11	39.2	1.2	13.9	5.96	56	0.84	0.37	291	13583
294684	465987	5481555	1.01	34.8	1.46	16.6	5.27	49.1	0.72	0.38	332	11164	294752	466127	5481755	1.12	44.4	1.42	14.2	6.66	63.7	0.89	0.43	262	11761
294685	465967	5481555	1.09	29.1	1.22	11.2	5.52	53.1	0.77	0.36	318	13852	294753	466147	5481755	1.19	41	1.52	14.5	5.84	53.9	0.85	0.37	317	11250
294686	465947	5481555	1.11	37.9	1.23	14.7	5.1	53.8	0.65	0.32	309	13496	294754	466187	5481755	1.22	51	2.52	19.4	6.5	57.4	1.03	0.42	303	6905
294687	465927	5481555	1.14	35.9	1.01	12.1	5.36	53.6	0.69	0.34	321	17030	294755	466227	5481755	1.11	39.1	1.87	16.2	5.55	50.3	0.75	0.35	342	9198
294688	465907	5481555	1.1	32.4	0.99	10.2	5.62	52.7	0.69	0.33	336	17879	294756	466247	5481755	1.11	49.5	2.42	21.4	5.24	53	0.96	0.4	279	6116
294689	465887	5481555	1.1	30.8	0.86	12.6	4.31	48.1	0.59	0.3	326	18256	294757	466237	5481705	1.26	70	2.74	27.3	6.83	42.4	1.04	0.5	314	4854
294690	465847	5481555	0.99	37.7	1.78	14.8	6.43	55.1	0.87	0.42	303	9382	294758	466197	5481705	1.17	66.2	2.06	21.8	7.67	46.6	1	0.53	326	7379
294691	465827	5481555	1.19	55.3	3.23	23.7	7.43	57.7	1.08	0.5	302	5387	294759	466177	5481705	1.18	42	1.74	16	5.25	49.2	0.75	0.34	350	9885
294692	465807	5481555	1.24	60.2	2.29	20.1	6.65	55	0.94	0.45	300	7205	294760	466157	5481705	1.13	108.5	2.13	22.1	7.58	47.1	1.16	0.51	289	6385
294693	465787	5481555	1.18	54.1	1.84	19	5.53	48.6	0.79	0.39	323	8533	294761	466137	5481705	1.26	70	2.73	29.9	6.91	50	1.08	0.51	308	5641
294694	465767	5481555	1.15	40.7	1.53	13.9	5.84	52.6	0.77	0.42	325	11176	294762	466117	5481705	1.17	47.1	2.25	19.7	5.77	62.3	0.85	0.38	289	8000
294695	465747	5481555	1.05	35.8	1.66	12.6	5.79	53.1	0.78	0.4	313	10000	294763	466097	5481705	1.11	50.8	2.12	15.5	6.8	69.2	0.91	0.49	260	8491
294696	465727	5481455	1.11	36.2	1.33	13.6	5.25	52.5	0.69	0.35	335	13233	294764	466077	5481705	1.01	27.5	0.98	9	5.07	51.6	0.75	0.31	331	17449
294697	465827	5481455	1.19	62.7	2.73	25.8	7.67	55.8	1.07	0.54	299	6117	294765	465977	5481705	1.16	48.2	2.17	19.3	6.96	67.4	0.99	0.41	257	7972
294698	465847	5481455	1.16	44.1	2.91	23.9	6.26	59.7	1.75	0.55	276	5670	294766	465957	5481705	0									





**Balkan**  
Mining and Minerals Limited

# ASX ANNOUNCEMENT

19 July 2023

For personal use only

Sample Id	Easting	Northing	Be_ppm	cr_ppm	Cs_ppm	Li_ppm	Nb_ppm	Rb_ppm	Sn_ppm	Ta_ppm	K/Rb	K/Cs	Sample Id	Easting	Northing	Be_ppm	cr_ppm	Cs_ppm	Li_ppm	Nb_ppm	Rb_ppm	Sn_ppm	Ta_ppm	K/Rb	K/Cs
294786	466217	5481505	1.29	23.2	1.08	5.8	6.45	33.3	1.03	0.44	399	12315	297753	467447	5482355	1.23	44.7	2.37	17.6	6.74	60.5	1.04	0.46	288	7342
294787	466177	5481505	1.15	39.7	1.03	11.5	5.92	53.1	0.73	0.38	328	16893	297754	467426	5482356	1.15	33	1.02	11.2	4.8	53	0.74	0.31	328	17059
294788	466157	5481505	1.05	43.6	2.03	16.9	6.95	51.3	1.04	0.5	322	8128	297755	467407	5482355	1.09	35.3	1.18	11.8	6.21	54.6	0.81	0.41	332	15339
294789	466137	5481505	1.21	57.5	1.47	18	5.89	51	0.82	0.39	298	10340	297756	467386	5482356	1.15	37.1	1.5	14.4	6.21	53.4	0.89	0.43	345	12267
294790	466117	5481505	1.17	49.2	2.17	18.2	6.89	52	0.99	0.52	315	7558	297757	467367	5482355	1.15	37.2	1.55	15.5	6.33	56.1	0.83	0.42	337	12194
294791	466097	5481505	1.29	66.5	2.28	22.8	6.36	55.5	1.02	0.43	279	6798	297758	467316	5482306	1.11	42.4	2.5	21.3	7.6	52	1.13	0.55	321	6680
294792	465997	5481505	1.19	44.1	2.67	38.4	7.1	48.6	0.91	0.46	329	5993	297759	467336	5482306	1.14	45.2	1.7	17.4	7.12	61.8	0.88	0.44	303	11000
294793	465977	5481505	1.34	42.3	2.99	29.3	8.28	60.5	1.08	0.55	314	6355	297760	467356	5482306	0.97	27	1.35	12.2	6.07	58	0.88	0.47	303	13111
294794	465957	5481505	1.15	35.6	1.08	12.4	6.52	52.4	0.85	0.45	311	15093	297761	467376	5482306	1.04	39.9	2.21	18.1	7.5	59.5	1.05	0.5	303	8145
294795	465937	5481505	1.06	39.6	1.76	15	5.27	55.1	0.84	0.32	301	9432	297762	467397	5482305	1.04	28.7	1.65	13.5	6.26	60.7	0.9	0.44	311	11455
294796	465897	5481505	1.11	44.7	2.58	16.2	6.02	54	0.97	0.42	278	5814	297763	467417	5482305	2.69	46.3	2.51	20.5	6.47	61.1	1.07	0.48	293	7131
294797	465877	5481505	1.29	72.4	1.8	29.8	6.23	46	0.9	0.41	261	6667	297764	467437	5482305	1.36	39.8	2.46	16.8	6.24	66.4	1.02	0.46	294	7927
294798	465857	5481505	1.15	50.6	2.19	20.4	6.53	57.2	0.88	0.42	280	7306	297765	467457	5482305	0.91	28	1.75	9.7	7.87	61.6	1.24	0.56	305	10743
294799	465837	5481505	1.21	83.8	2.63	33.6	6.73	42	0.96	0.46	255	4068	297766	467497	5482305	1.15	38.5	3.05	20.8	8.53	70.9	1.64	0.68	281	6525
294800	465757	5481494	1.08	47.8	2.16	15.7	6.15	52.6	0.91	0.47	291	7083	297767	467517	5482305	1.55	55.7	5.13	39.9	8.86	77.5	1.95	0.86	232	3509
297701	466587	5482255	1.28	52.2	2.84	18.2	6.71	66.3	1.07	0.48	267	6232	297768	467537	5482305	1.01	38.5	2.25	18.4	7.84	59.3	1.24	0.56	305	8044
297702	467457	5482505	1.08	43	2.85	18	7.68	61.5	1.18	0.58	273	5895	297769	467557	5482305	0.99	32.9	2.21	15.6	8.1	66	1.12	0.53	303	9050
297703	467476	5482506	1.23	49.4	2.9	24.5	8.02	60.9	1.16	0.58	287	6034	297770	467577	5482305	1.2	43.4	2.43	18.3	7.05	71.9	1.31	0.51	278	8230
297704	467497	5482505	1.38	51.7	3.22	23	6.79	65.4	1.07	0.5	280	5683	297771	467597	5482305	1.03	26.9	3.4	18.5	9.36	102.5	2.55	0.9	214	6441
297705	467477	5482305	1.38	52.2	3.18	26.5	7.38	64.9	1.17	0.53	271	5535	297772	467617	5482305	1.01	39	2.53	18.8	8.15	70.8	1.21	0.55	275	7708
297706	467537	5482505	1.23	51	3.82	22.6	8.82	66.9	1.32	1.32	259	4529	297773	467637	5482305	1.15	46.4	1.8	17	7.24	56.3	0.91	0.5	320	10000
297707	467556	5482506	1.32	48.1	3.21	20.5	6.86	65.4	1.09	0.51	275	5607	297774	467657	5482305	1.32	41.8	2.57	21.2	7.34	69.3	1.1	0.49	284	7665
297708	467577	5482505	1.34	55.5	2.9	20.6	6.39	61.5	1.1	0.49	283	6000	297775	467677	5482305	1.21	43.6	2.64	20.9	7.07	63.4	1.1	0.5	287	6894
297709	467596	5482506	1.34	42.7	3.08	17.2	6.38	64.7	1.06	0.46	280	5877	297776	467697	5482305	1	45.6	1.5	16.3	7.63	50.9	1.09	0.53	318	10800
297710	467617	5482505	1.39	59.5	3.74	27.3	6.98	69.1	1.08	0.54	246	4545	297777	467717	5482305	1.07	36	3.09	19.7	7.62	60	1.19	0.58	302	5858
297711	467636	5482506	1.3	49.1	3.24	21.3	6.59	66	1.08	0.53	267	5432	297778	467737	5482305	1.07	38	2.86	26.8	7.47	54.8	1.06	0.52	314	6014
297712	467657	5482505	1.43	42.6	3	19.5	6.28	63.9	1.04	0.46	280	5967	297779	467757	5482305	1.11	48.4	2.14	16	6.56	61.7	0.89	0.43	287	8271
297713	467716	5482506	1.21	60.5	4.24	22.6	6.74	67.8	1.05	0.49	240	3844	297780	467776	5482256	1.13	45.7	2.71	26.1	7.66	52.6	1.16	0.51	306	5941
297714	467737	5482505	1.13	42.5	2.78	17.2	6.22	60.2	1.01	0.44	282	6115	297781	467797	5482255	1.25	46.7	4.65	43.6	9.38	63.5	1.4	0.69	296	4043
297715	467807	5482455	1.18	37.8	2.12	15.2	6	64.2	1.01	0.44	290	8774	297782	467817	5482255	0.97	34	3.23	31.8	9.75	49.3	1.61	0.81	320	4892
297716	466047	5481355	1.13	35.3	1.91	14.8	6.45	62.9	0.88	0.42	289	9529	297783	467837	5482255	1.16	37.8	3.26	24.4	7.17	57.5	1.15	0.52	299	5206
297717	467767	5482455	1.25	42	2.94	18.2	6.26	68.4	1.04	0.45	265	6156	297784	467857	5482255	1.08	43	2.66	22.1	8.3	74.8	1.15	0.56	263	7476
297718	467746	5482456	1.26	45.4	3.7	24.1	7.46	72.4	1.25	0.72	260	5081	297785	467877	5482255	1.08	36.8	3.09	18.2	7.63	67	1.28	0.52	279	6052
297719	467727	5482455	1.29	45.6	2.44	18	6.4	68.6	0.98	0.43	270	7582	297786	467897	5482255	1.18	36.3	2.42	18	6.7	66.6	1.12	0.48	293	8058
297720	467706	5482456	1.16	39.6	2.66	16.6	5.95	65.2	0.94	0.42	273	6692	297787	467917	5482255	1.19	43.7	2.52	20	6.8	68.5	1.39	0.56	280	7619
297721	467486	5482456	1.33	65	3.1	32.1	6.49	43.7	1.11	0.49	249	3516	297788	467937	5482255	1.12	39.7	2.42	19.8	7.73	68.1	1.17	0.58	288	8099
297722	467467	5482455	1.28	38.4	2.42	16.8	6.22	58.8	0.94	0.48	294	7149	297789	467957	5482255	1.22	52	2.8	22.6	8.34	71.9	1.2	0.55	271	6964
297723	467627	5481705	1.26	47.3	2.75	18	6.51	65.1	0.95	0.44	264	6255	297790	467977	5482255	1.3	74.5	2.75	35.2	7.66	58.4	1.11	0.53	279	5927
297724	467427	5482455	1.12	45.7	2.53	17.2	6.97	55.3	1.11	0.49	302	6601	297791	467997	5482255	1.04	38	2.38	13.6	7.52	71.3	1.2	0.55	261	7815
297725	465817	5481705	1.05	46.1	2.94	20	7.68	53.9	1.19	0.54	289	5306	297792	467427	5482255	1.31	49.1	2.69	24.1	7.32	63.8	1.13	0.57	281	6654
297726	467387	5482455	1.02	47.1	2.44	17.8	7.64	58.6	1.21	0.51	290	6967	297793	467407	5482255	1.1	56.4	2.82	25.2	7.9	60.5	1.03	0.51	288	6170
297727	467366	5482456	1.18	49.9	3.37	23.3	8.03	61.6	1.24	0.56	279	5104	297794	467387	5482255	1.27	45.6	2.55	17.5	6.23	64	1.02	0.44	281	7059
297728	467347	5482455	1.16	45.5	2.81	20.7	7.58	54.9	1.09	0.63	288	5623	297795	467366	5482256	1.21	54.5	2.51	21.8	8.02	62.9	1.07	0.52	281	7052
297729	467617	5482005	1.01	35.3	1.96	13.9	5.15	49.1	0.78	0.4	303	7602	297796	467347	5482255	1.04	40.2	1.65	14.5	7.62	60.1	1.34	0.51	306	11152
297730	467316	5482506	1.09	38.5	3.43	18	6.72	52.1	1.03	0.48	315	4781	297797	467327	5482255	0.99	31.4	1.48	12.4	7.71	60.6	1.04	0.57	297	12162
297731	467337	5482505	1.24	55	2.94	22.3	5.73	53	0.93	0.41	291	5238	297798	467317	5482205	1.21	47.5	2.61	21.4	7.56	69.2	1.25	0.58	275	7280
297732	465797	5481705	1.4	51.5	3.4	22.2	6.62	64.2	1.03	0.48	276	5206	297799	467338	5482207	1.5	56.4	3.28	25.6	7.1	72.2	1.05	0.54	274	6037
297733	467376	5482506	1.22	53.6	3.06	23.1	7.35	56.7	1.05	0.49	298	5523	297800	467357	5482205	1.34	45.4	1.92	16.4	7.47	66	1.08	0.52		



**Balkan**  
Mining and Minerals Limited

# ASX ANNOUNCEMENT

19 July 2023

Sample Id	Easting	Northing	Be_ppm	cr_ppm	Cs_ppm	Li_ppm	Nb_ppm	Rb_ppm	Sn_ppm	Ta_ppm	K/Rb	K/Cs	Sample Id	Easting	Northing	Be_ppm	cr_ppm	Cs_ppm	Li_ppm	Nb_ppm	Rb_ppm	Sn_ppm	Ta_ppm	K/Rb	K/Cs
297820	466157	5481305	1.33	44.7	3.02	25.9	7.14	71.9	1.08	0.52	280	6656	297888	467637	5482005	1.12	47.5	1.94	19.5	66.9	0.98	0.5	322	10103	
297821	466137	5481305	1.38	65	4.95	40.6	6.15	77.2	0.91	0.45	210	3273	297889	467597	5482005	1.14	43.8	1.92	20.6	7.65	60.5	0.89	0.65	334	10521
297822	466117	5481305	1.24	51.7	2.56	22.9	6.39	59.4	0.89	0.49	298	6914	297890	467577	5482005	1.14	43	1.98	18.9	6.95	60.3	0.99	0.48	315	9596
297823	466077	5481305	1.16	63.1	2.97	23.6	6.38	60.7	0.88	0.46	275	5623	297891	467557	5482005	1.12	47	2.03	22	9	69.3	1.09	0.57	290	9901
297824	466057	5481305	1.05	32.6	1.52	13.5	6.3	58.5	0.77	0.41	330	12697	297892	467537	5482005	1.12	51.5	1.85	19.8	8.23	60.9	1.04	0.52	310	10216
297826	467397	5482205	1.18	43.4	2.51	19.9	7.21	65.3	1.51	0.53	286	7450	297893	467517	5482005	0.98	42	2.48	15.9	9.25	72.5	1.29	0.63	272	7944
297827	467417	5482205	1.32	56.1	2.78	34.2	9.53	65.1	1.23	0.61	264	6187	297894	467477	5482005	1.14	43.9	2.77	21.7	8.14	68.8	1.23	0.57	283	7040
297828	467437	5482205	1.2	35.9	1.79	16.4	6.3	56.3	0.93	0.42	320	10056	297895	467457	5482005	1.39	51.7	2.26	22.1	7.27	61.2	1.04	0.51	309	8363
297829	467457	5482205	1.32	43.4	2.64	26.5	7.54	64.6	1.32	0.55	288	7045	297896	467437	5482005	1.15	47.9	2.61	21.9	8.63	65	1.16	0.57	272	6782
297830	467477	5482205	1.3	34.7	2.49	17.7	6.91	64.3	1.32	0.55	294	7590	297897	467417	5482005	1.08	51.2	2.02	18.4	9.12	59.6	1.13	0.56	292	8614
297831	467497	5482205	1.26	39.5	2.4	22.6	6.82	62.8	1.16	0.54	304	7958	297898	467397	5482005	1.13	42.9	1.51	16.8	6.91	59	0.88	0.44	297	11589
297832	467517	5482205	1	34.6	2.07	12.9	7.46	71	1.06	0.58	293	10048	297899	467377	5482005	0.89	32.2	1.63	11.7	9.06	67.1	1.22	0.62	282	11595
297833	467537	5482205	1.02	38.9	1.86	17.1	8.06	64.1	1.04	0.63	320	11022	297900	467357	5482005	1.31	75.6	1.83	29	7.81	44.8	1.04	0.56	277	6776
297834	467557	5482205	1.06	44.8	2.1	17.2	8.25	60.8	1.09	0.58	293	8476	297901	467337	5482005	1.12	48.4	1.96	24.9	7.34	56.4	1	0.51	298	8571
297835	467577	5482205	1.23	39.6	1.99	14.4	6.21	62.9	0.95	0.46	308	9749	297902	467317	5482005	1.6	46.4	2.38	21.5	7.95	63.8	1.03	0.63	293	7857
297836	467597	5482205	1.22	47	2.92	23.7	7.34	66.3	1.11	0.54	279	6336	297903	467297	5482005	0.83	24	1.37	8.8	7.36	56.8	1.01	0.53	310	12847
297837	467617	5482205	1.22	32.6	4.7	21.6	7.6	59.7	1.71	0.76	313	3979	297904	467277	5482005	1.08	35.3	2.14	16.8	7.62	61.6	1.16	0.54	289	8318
297838	467565	5482206	1.68	48.3	2.6	43.9	9.57	41.9	2.21	1.28	327	5269	297905	467257	5482005	1.1	39.8	2.1	19	7.34	60	1.09	0.5	290	8286
297839	467757	5482205	1.22	41.5	2.18	17.8	6.17	62.8	0.92	0.44	304	8761	297906	467237	5482005	1.1	47.2	2.12	23.8	8.36	61.7	1.05	0.54	303	8821
297840	467777	5482205	1.11	36	2.34	17.7	6.17	68.6	0.88	0.42	276	8077	297907	467217	5482005	1.03	45.3	2.13	18.5	8.4	70.4	1.24	0.55	274	9061
297841	467797	5482205	1.2	35.4	1.81	15.8	6.79	65.3	0.88	0.43	306	11050	297908	467197	5482005	1.02	43.6	2.15	18.6	8.66	71.1	1.2	0.57	272	8977
297842	467817	5482205	1.13	36.8	1.81	15.5	6.47	66.8	0.85	0.43	295	10884	297909	467177	5482005	1.09	45.3	2.29	22.5	9.69	70.1	1.35	0.63	262	8035
297843	467377	5482105	1.09	40.6	1.97	17.2	6.51	63.8	0.9	0.44	290	9391	297910	467157	5482005	1.13	39.2	1.92	20.6	8.69	66.3	1.21	0.58	317	10938
297844	467787	5482155	1.05	33.6	1.8	13.9	6.54	69.2	0.85	0.43	285	10944	297911	467137	5482005	1.09	49.7	2.39	25.8	8.33	66.7	1.13	0.57	274	7657
297845	467767	5482155	1.27	45.9	2.04	23.1	6.98	64.3	0.93	0.47	300	9461	297912	467117	5482005	1.05	39.2	2.43	22.8	9.23	64.5	1.26	0.64	301	7984
297846	467747	5482155	1.14	46	2.38	21.6	7.86	71.6	1.07	0.55	277	8319	297913	467097	5482005	0.99	38.3	2.05	16.7	8.31	64.3	1.24	0.57	292	9171
297847	467727	5482155	1.1	40.3	1.91	18.3	7.24	61.5	1.01	0.5	315	10157	297914	467077	5482005	1.14	47.7	2.1	29.2	8.55	67.1	1.12	0.54	282	9000
297848	467707	5482155	1.03	42.7	2.12	16.4	7.34	57.8	1.05	0.52	320	8726	297915	467057	5482005	1.13	41.5	1.71	14.4	6.29	59.9	0.84	0.44	294	10292
297849	467607	5482155	1.26	45.1	4.27	22.7	8.88	62.3	1.31	0.68	324	4731	297916	467037	5482005	1.16	41.6	2.1	15.6	6.13	65.5	0.93	0.42	276	8619
297850	467587	5482155	1.09	44	2.39	21.1	7.08	65.7	0.96	0.49	288	7908	297917	467017	5482005	1.18	47.1	2.22	21	7.34	63.6	0.99	0.49	296	8468
297851	467567	5482155	0.89	31.5	1.96	11	8.28	69.3	1.09	0.54	309	10918	297918	466997	5482005	1.04	38.2	1.82	15.7	7.12	62.9	0.99	0.47	296	10220
297852	467547	5482155	1.05	40.5	1.71	15	7.8	61.3	0.95	0.58	318	11404	297919	466977	5482005	0.92	31	1.64	11.4	6.9	67.7	0.99	0.46	282	11646
297853	467527	5482155	1	24.8	1.92	9.2	6.7	69.1	0.97	0.47	287	10313	297920	466957	5482005	1.01	36.9	2.53	16.9	8.07	78.4	1	0.54	265	8221
297854	467507	5482155	1.03	37.3	2.15	18.1	8.65	68.9	1.15	1.89	283	9070	297921	466937	5482005	1.04	35	1.97	15	7.26	82.8	0.99	0.64	239	10051
297855	467487	5482155	1.16	45.4	2.46	21.7	8.07	64.3	1.16	0.57	295	7724	297922	466917	5482005	1.27	45.4	2.1	19.5	6.89	66.4	1.03	0.46	285	9000
297856	467467	5482155	1.09	40.4	2.2	16.3	7.17	59.3	1.12	0.55	325	8773	297923	466897	5482005	1.2	41.7	1.83	17.7	6.76	66.4	0.93	0.47	280	10164
297857	467447	5482155	1.06	31	2.06	11.4	6.35	59.4	1.11	0.5	315	9078	297924	466877	5482005	1.11	41	2.1	17.2	6.89	80	0.95	0.46	236	9000
297858	467427	5482155	1.05	36.9	2.22	18	8.18	59.5	1.44	0.63	328	8784	297925	466857	5482005	1.36	47.6	1.95	22.4	6.83	63.4	0.93	0.45	319	10359
297859	467407	5482155	1.14	40.4	2.12	21.3	7.41	54.4	1.21	0.56	353	9057	297926	466837	5482005	1.31	60.9	2.71	21.1	7.56	62.8	1.06	0.51	290	6716
297860	467387	5482155	1.15	38.6	2.38	17.4	8.61	64.2	1.64	0.67	324	8739	297927	466817	5482005	1.21	51.7	2.01	17.2	6.5	58.1	0.87	0.43	318	9204
297861	467367	5482155	1.28	50.5	2.54	23.1	8.09	64.4	1.18	0.57	312	7913	297928	466797	5482105	1.18	67	2.09	23	7.52	57.5	1.09	0.52	289	7943
297862	467347	5482155	1.24	41.9	1.72	17.1	7.55	60.7	1.05	0.52	331	11686	297929	466777	5482105	1.2	45.2	2.53	20.2	8.48	76	1.05	0.56	267	8024
297863	467327	5482155	1.06	40.3	2.03	18	7.66	61.3	1.08	0.59	321	9704	297930	466757	5482105	1.35	52.6	2.31	21.8	7.57	68.5	1.05	0.5	279	8268
297864	467307	5482105	1.27	41.4	3.05	25	7.92	60.8	1.51	0.69	314	6262	297931	466737	5482105	1.14	45.6	2.02	17.6	7.72	64.1	0.95	0.49	303	9604
297865	467287	5482105	1.14	40.9	1.88	16.4	6.67	54.6	0.88	0.48	337	9787	297932	466717	5482105	1.26	42.8	2.03	17.9	6.91	67.4	1.03	0.48	300	9511
297866	467267	5482105	1.26	40.8	2.61	20	6.86	62.6	1.15	0.52	307	7356	297933	466697	5482105	1.23	46.4	1.83	21.7	7.12	63.7	0.97	0.8	297	10328
297867	467247	5482105	1.07	46.8	1.73	17.8	6.85	58	1.08	0.5	305	10231	297934	466677	5482105	1.12	44.1	1.96	20.9	9	66	1.18	0.59	314	10561
297868	467227	5482105	1.21	44.3	2.28	21.7	7.68	63.1	1.19	0.59	307	8509	297935	466657	5482105	1.03	38.3	2	16.6	10.05	66.8	1.27	1.18	314	10500
297869	467207																								



Balkan Mining and Minerals Limited

# ASX ANNOUNCEMENT

19 July 2023

For personal use only

Sample Id	Easting	Northing	Be_ppm	cr_ppm	Cs_ppm	Li_ppm	Nb_ppm	Rb_ppm	Sn_ppm	Ta_ppm	K/Rb	K/Cs	Sample Id	Easting	Northing	Be_ppm	cr_ppm	Cs_ppm	Li_ppm	Nb_ppm	Rb_ppm	Sn_ppm	Ta_ppm	K/Rb	K/Cs	
470006	468187	5482455	1.05	45.2	1.83	21.2	8.95	64.8	1.06	0.59	304	10765	470073	467187	5481655	1.11	44.7	1.95	18.7	7.64	75.1	1.02	0.51	276	10615	
470007	467937	5482555	1.22	47.8	2.71	23	6.47	66.2	0.99	0.51	266	6494	470074	467287	5481655	0.94	32.4	1.62	15.4	8.37	79.4	1.07	0.55	266	13025	
470008	467637	5482555	1.09	34.3	2.92	14.3	7.29	65.2	1.28	0.57	293	6541	470075	467387	5481655	1.04	38.6	1.68	18.4	7.92	70.6	1.02	0.51	299	12560	
470009	467537	5482555	1.16	35.2	2.65	12.4	8.78	66.9	1.38	0.63	290	7321	470076	467487	5481655	1.15	42	1.75	20.3	7.73	75.7	0.96	0.51	293	12686	
470010	468187	5482255	1.08	61.2	2.24	25.2	8.81	62.2	1.08	0.59	314	8705	470077	467587	5481655	1.17	49.8	2.02	17	6.56	64.3	1.02	0.44	286	9109	
470011	468287	5482255	1.25	52.8	2.32	19.4	6.1	63.1	0.83	0.42	295	8017	470078	467537	5481555	1.19	60.1	2.38	20.8	6.6	60.6	0.91	0.44	274	6975	
470012	468087	5482255	1.16	53.7	2.42	25.3	7.71	59.1	1.07	0.53	301	7355	470079	467437	5481555	1.19	56.1	2.13	20.8	6.94	68.4	1.17	0.45	254	8169	
470013	467987	5482255	0.99	40.3	1.63	16.4	7.76	68.8	1	0.52	278	11718	470080	467337	5481555	1.05	42	1.64	16.8	7.73	68.8	0.99	0.48	302	12683	
470014	467887	5482255	1.13	35.6	1.62	13.6	6.5	65	0.85	0.46	300	12037	470081	467237	5481555	1.37	54	2.02	26.4	7.9	71.1	0.99	0.55	300	10545	
470015	467837	5482155	1.2	48.2	2.09	19.2	7.04	63.3	0.98	0.46	303	9187	470082	467137	5481555	1.22	52	2.14	19.4	7.37	65.6	0.98	0.48	294	9019	
470016	467937	5482155	1.24	52.8	2.16	18.5	6.7	61.6	0.9	0.45	304	8657	470083	467187	5481455	1.09	42.6	1.69	14	6.68	62.3	0.88	0.47	299	11006	
470017	468037	5482155	1.15	44.9	1.96	18	8.09	71	1.01	0.55	299	10816	470084	467287	5481455	1.13	48.7	1.97	16.4	6.01	57.9	0.84	0.4	294	8629	
470018	468137	5482155	1.14	55.1	2.31	21.7	7.82	69	0.98	0.49	283	8442	470085	467487	5481455	0.94	29.3	1.42	10.2	6.73	61.3	0.91	0.43	316	13662	
470019	468187	5482055	1.13	53.6	3.2	30	7.22	64.2	0.99	0.54	282	5656	470086	467587	5481455	1.37	71.6	3.98	31.3	7.15	61.8	1.03	0.49	277	4296	
470020	468087	5482055	1.17	69.6	2.76	27.7	7.3	62.3	1.03	0.48	266	6014	470087	467687	5481455	1.18	71.6	3.59	26.2	6.88	65.1	1.07	0.47	227	4123	
470021	467987	5482055	1.31	57.5	2.62	24.1	7.95	66.9	0.94	0.45	271	6908	470101	468288	5481453	1.16	19	4.17	8.7	10	58.9	4.02	1.18	302	4269	
470022	467887	5482055	1.38	85.4	2.65	27.2	7.08	62.5	0.94	0.47	277	6528	470102	468187	5481455	1.5	73.5	3.8	36.5	5.95	47.4	1.03	0.49	321	4000	
470023	467837	5481955	1.1	54.4	2.54	21.8	8.79	74.2	1.13	0.6	270	7874	470103	468087	5481455	1.35	85.1	7.53	51.6	6.1	48.9	1.06	0.45	276	1793	
470024	467937	5481955	1.15	62.9	3.11	25.7	7.67	67.6	1.14	0.53	265	5756	470104	467987	5481455	1.45	70	4.98	32	6.07	55.5	1.04	0.43	279	3112	
470025	468037	5481955	1.27	161	1.81	17.2	6.07	11.55	0.86	0.44	216	1381	470105	467887	5481455	1.44	60.7	3.34	26.7	5.12	55.3	0.91	0.39	278	4611	
470026	468137	5481955	1.39	73.7	3.88	33.4	6.15	48	0.99	0.43	315	3892	470106	467787	5481455	1.3	63.5	3.35	23.8	5.81	63.2	0.97	0.43	266	5015	
470027	468287	5481855	1.34	80.9	3.97	29	5.65	48.8	0.99	0.43	281	3451	470107	467537	5481355	1.4	53.6	2.39	21.8	5.51	53.3	0.86	0.43	317	7071	
470028	468187	5481855	1.11	78.4	2.98	38.9	7.71	41.3	1.18	0.58	327	4530	470108	467137	5481355	1.08	26	0.7	9	3.91	52.4	0.61	0.27	338	25286	
470029	468087	5481855	1.17	47.3	3.72	21.6	7.6	47.2	1.25	0.57	290	3683	470109	467487	5481255	1.48	87.3	4.34	34.2	6.11	60.6	1.01	0.45	266	3710	
470030	467987	5481855	1.45	49.1	2.46	22.3	6.81	50.4	1.13	0.46	329	6748	470110	468237	5481355	1.4	79	2.32	20.2	5.16	44.5	0.87	0.36	310	5948	
470031	467887	5481855	1.24	107	2.63	33.8	6.62	35.5	0.9	0.48	268	3612	470111	468137	5481355	1.29	58.7	3.49	28.1	6.44	60.2	1.11	0.47	274	4728	
470032	467787	5481855	1.25	73.6	3.2	26.3	6.28	55.2	0.82	0.42	241	4156	470112	468037	5481355	1.3	65.7	4.33	32.6	7.05	53.4	1.07	0.48	288	3557	
470033	467837	5481755	1.49	77.3	5.42	33.8	6.2	63.2	1.09	0.48	259	3026	470113	467937	5481355	1.12	44.4	1.99	19.9	4.84	8.17	4.21	1.41	0.62	314	6633
470034	467937	5481755	1.27	71.6	4.57	30.9	7.62	54.6	1.05	0.52	322	3851	470114	467637	5481355	1.11	44.1	2.85	16.3	6.05	60.2	0.97	0.42	271	5719	
470035	468037	5481755	1.38	86.6	3.36	31.1	6.65	43.6	1.04	0.45	321	4167	470115	467587	5481255	1.16	46.7	3.51	22.2	6.75	72.8	1.01	0.48	253	5242	
470036	468137	5481755	1.25	62.4	3.26	26.2	6.93	50.1	1.14	0.46	297	4571	470116	467686	5481260	1.3	63.4	4.68	35.7	7.22	58.4	1.13	0.56	281	3504	
470037	468237	5481755	1.41	87	3.8	39.3	6.26	42.5	0.96	0.45	296	3316	470117	467788	5481251	1.2	64.4	4.32	34.4	6.83	53.2	1.19	0.49	282	3472	
470038	468287	5481655	1.09	63.4	3.46	24.6	6.93	54.8	1.08	0.52	290	4595	470118	467887	5481255	1.48	91.1	5.34	69.3	7.93	46.7	1.38	0.62	281	2453	
470039	468187	5481655	1.27	85.8	5.22	39.6	7.25	51.3	1.09	0.68	255	2510	470119	468086	5481253	1.16	54.6	3.89	22.3	8.31	59.9	1.51	0.67	282	4344	
470040	467987	5481655	1.27	80.3	4.34	37	7.29	53.1	1.15	0.51	266	3249	470120	467987	5481255	1.34	47.8	1.76	18.9	5	46.8	0.83	0.4	344	9148	
470041	467887	5481655	1.5	104.5	23.3	92.8	7.03	84.2	1.28	0.53	102	369	470121	468187	5481255	1.3	78.2	2.93	56.8	5.66	46.3	0.93	0.41	287	4539	
470042	467787	5481655	1.2	54.2	6.12	27.3	7.83	90.9	1.18	0.56	215	3186	470122	468237	5481155	1.16	44.6	3.58	23.4	7.12	64.2	1.2	0.57	274	4916	
470043	467837	5481555	1.65	101.5	10.35	52.3	6.37	70.5	1.03	0.47	216	1469	470123	468287	5481255	1.26	59	3.04	24.3	6.03	62	0.91	0.43	260	5296	
470044	467937	5481555	1.14	67.5	5.39	31	6.82	55.9	0.99	0.5	288	2987	470124	468137	5481155	1.13	121.5	4.24	37.9	5.44	32.5	0.95	0.44	234	1792	
470045	468037	5481555	1.34	40.2	2.45	18.4	4.98	59.1	0.75	0.34	271	6531	470125	468037	5481155	1.26	59.3	3.01	28.7	5.39	61.8	0.84	0.38	256	5249	
470046	468137	5481555	1.46	88.8	4.13	28.2	6.13	45.8	1.04	0.44	279	3099	470126	467937	5481155	1.28	67.7	5.3	45.9	6.78	51.9	1.12	0.49	252	2472	
470047	465757	5481505	1.23	54.5	2.65	17.1	5.91	55.4	0.88	0.49	300	6264	470127	467837	5481155	1.2	55.1	5.23	34	6.98	66.5	1.25	0.51	226	2868	
470048	467737	5481555	1.27	60.3	4.85	27.9	7.24	76.8	1.16	0.54	237	3753	470128	467737	5481155	1.46	89.6	7.02	50.6	6.4	61.7	1.28	0.48	219	1923	
470049	467687	5481855	1.18	58.8	2.25	21.9	6.43	67	0.87	0.4	246	7333	470129	467637	5481155	1.22	56.1	4.28	17.7	6.78	54.6	1.36	0.51	229	2921	
470050	467737	5481955	1.27	77.5	2.36	25.3	7.92	61.1	1.05	0.52	272	7034	470130	467537	5481155	1.72	97.5	5.84	73.9	5.7	47.2	1.46	0.45	206	1661	
470051	467637	5481955	1.09	42.6	1.62	18.9	6.61	63.5	0.89	0.41	266	10432	470131	467437	5481155	1.82	77.1	3.32	36.3	4.19	32.4	0.92	0.36	231	2259	
470052	467537	5481955	1.19	54.3	2.22	24	7	62.5	0.99	0.5	291	8198	470132	467237	5481155	1.38	60.5	4.28	33.5	6.06	62.8	0.99	0.46	271	3972	
470053	467237	5481955	1.06	53.2	1.9	18	9.45	66.4	1.23	0.64	280	9789	470133	467137	5481155	1.13	38.1	1.32	13.8	6.19	62.1	0.83	0.43			





**Balkan**  
Mining and Minerals Limited

# ASX ANNOUNCEMENT

19 July 2023

Sample Id	Easting	Northing	Be_ppm	cr_ppm	Cs_ppm	Li_ppm	Nb_ppm	Rb_ppm	Sn_ppm	Ta_ppm	K/Rb	K/Cs	Sample Id	Easting	Northing	Be_ppm	cr_ppm	Cs_ppm	Li_ppm	Nb_ppm	Rb_ppm	Sn_ppm	Ta_ppm	K/Rb	K/Cs
470153	466537	5482555	1.2	48.8	1.21	14.2	5.85	49.8	0.73	0.38	335	13802	470224	466487	5481055	1.21	63.3	3.19	34	5.72	52	0.86	0.43	285	4639
470154	466337	5482555	1.48	95.8	7.45	37.9	6.81	48.3	1.42	0.78	271	1758	470225	466387	5481055	4.33	47.3	2.96	23.8	6.65	56.3	0.98	0.49	304	5777
470155	466237	5482555	1.31	35	1.21	9.7	4.72	43.8	0.61	0.3	347	12562	470226	466337	5480955	1.33	104	2.33	25.3	7.18	46.1	0.85	0.81	243	4807
470156	466137	5482555	0.91	33.4	1.71	12	8.58	60.2	1.08	0.59	296	10409	470227	466237	5480955	1.21	43	1.97	16.2	5.94	51.6	0.71	0.4	322	8426
470157	465987	5482555	0.95	53.8	2.57	16	8.88	60.2	1.26	0.6	255	5953	470228	466287	5481055	1.31	48.3	2.67	29.6	6.72	55	0.91	0.47	325	6704
470158	465887	5482555	1.12	44.9	1.33	12.4	6.33	52.7	0.76	0.39	309	12256	470229	466187	5481055	1.17	44.5	2.33	18.8	6.09	52.2	0.79	0.47	335	7511
470159	465787	5482555	1.31	96.8	3.33	41	10.1	49.2	1.27	0.64	270	3994	470230	466180	5480861	1.22	66.9	2.89	30.9	6.26	57.5	0.89	0.46	268	5329
470161	465687	5482555	1.24	97	3.49	40.7	8.42	50.1	1.24	0.55	228	3266	470231	466087	5480855	1.14	38.1	2.2	16.6	5.41	48.6	0.78	0.42	321	7091
470162	465587	5482555	1.1	76.5	2.44	23.5	9.3	54.2	1.2	0.6	275	6107	470232	465987	5480855	1.25	87.5	3.86	59.7	6	52.4	0.91	0.45	248	3368
470163	465937	5482555	1	49.5	1.86	16.6	7.52	52.8	0.94	0.5	297	8441	470233	465887	5480855	1.18	32.7	1.45	20.3	5.79	50.6	0.71	0.55	364	12690
470164	466037	5482555	1.14	67.3	2.18	22.4	8.67	52.3	1	0.56	300	7202	470234	465687	5480855	1.09	30.5	1.34	16.2	4.93	52.4	0.63	0.36	353	13806
470165	465587	5482455	1.1	66.3	2.54	22.8	9.05	55.8	1.28	0.63	256	5600	470235	465787	5480855	1.15	45.8	2.3	37	6.18	58.9	0.87	0.4	287	7348
470166	465737	5482355	0.88	48.9	1.29	12.5	9.28	45.5	1.3	0.72	325	11473	470236	465737	5480955	1.24	51.2	2.51	20.7	6.17	56.3	0.89	0.53	300	6733
470167	465937	5482355	1.13	87.8	4.01	45.5	10.85	56.8	1.5	0.7	217	3067	470237	465837	5480955	1.11	44.4	2.52	25.3	5.93	50.6	0.78	0.41	324	6508
470168	466037	5482355	1.28	64.1	2.03	22.8	7.75	54.3	0.96	0.59	273	7291	470238	465937	5480955	1.25	41.7	2.38	19.9	11.2	56.3	1	1.58	304	7185
470169	466137	5482355	1.23	82.9	2.87	35.9	9.73	51.9	1.24	0.62	243	4390	470239	466037	5480955	1.08	20	1.52	5.5	5.96	39.7	1.13	0.47	307	8026
470170	466237	5482355	1.05	60.6	3.15	37.7	7.03	46.5	1.34	0.49	292	4317	470241	466137	5480955	1.14	49.1	2.58	30.3	5.9	56.9	0.79	0.42	283	6240
470171	466287	5482455	0.95	87.6	3.76	41.7	7.07	37.6	0.88	0.48	295	2952	470251	465585	5480846	1.27	65.6	4.09	30.3	6.02	49	0.98	0.43	306	3667
470172	466087	5482455	0.8	43.6	1.65	11.8	9.12	55.3	1.27	0.67	275	9212	470252	467787	5480855	1.25	54.9	3.93	27.5	5.54	52.2	0.79	0.4	314	4173
470173	465687	5482455	1.02	50.5	1.48	19.2	7.53	52.3	0.96	0.48	315	11149	470253	467987	5480855	1.3	57.4	3.45	24.8	6.29	53.3	0.88	0.41	315	4870
470174	465637	5482155	1.06	45.9	1.15	16.3	7.04	47.5	0.98	0.43	326	13478	470254	468087	5480855	1.1	55.5	2.36	19.7	7.58	55.1	0.88	0.5	290	6780
470175	465587	5481455	1.19	54.9	1.46	21.1	5.15	46.1	0.72	0.56	321	10137	470255	468187	5480855	1.27	55.4	2.46	23.7	6.95	64.9	0.88	0.44	296	7805
470176	465630	5481352	1.11	40.6	1.48	14.5	4.83	48.6	0.69	0.3	346	11351	470256	468287	5480855	1.14	52.5	1.84	15.7	5.69	49.1	0.82	0.42	324	8641
470177	465583	5481264	1.16	49.5	2.03	20.2	6.16	58.9	0.92	0.43	301	8719	470257	468238	5480966	1.2	58.1	2.72	19.5	5.47	47.3	0.83	0.49	313	5441
470178	465687	5481255	1.18	48.3	1.88	17.1	5.95	54.7	0.93	0.41	314	9149	470258	468187	5481055	1.19	50.5	3.93	24.1	6.93	57.7	1.01	0.48	324	4758
470179	465687	5481455	1.04	29.1	1.24	12.7	4.54	52.7	0.68	0.48	332	14113	470259	468037	5480955	0.93	37.2	1.16	12.4	5.54	49.6	0.71	0.36	347	14828
470181	465937	5482155	1.01	43.6	1.58	17	8.49	57.3	1.08	0.52	284	10316	470260	467737	5480955	1.35	100	3.52	38.2	5.58	48.8	0.85	0.39	293	4063
470182	466037	5482155	1.14	33.8	1.06	19	4.83	53.1	0.64	0.3	320	16038	470261	467637	5480955	1.03	37	5.24	17.2	7.56	59.2	1.09	0.51	311	3511
470183	466087	5482255	0.98	47.2	1.42	17.8	8.96	47.1	1.19	0.59	310	10282	470262	467337	5480955	1.1	40.5	2.64	14.6	5.3	59.6	0.73	0.34	270	6098
470184	465987	5482255	1.58	71.2	2.06	30.7	6.74	52	0.91	0.4	260	6553	470263	467237	5480955	1.02	30.8	1.28	11.3	5.99	58.3	0.75	0.39	333	15156
470185	465687	5482255	1.07	43.7	1.34	18.8	7.05	51.2	0.87	0.44	322	12313	470264	467137	5480955	1.26	77.1	5.9	42.6	5.99	62.8	0.95	0.5	218	2322
470186	466787	5481855	1.06	27.5	0.75	9	4.28	50.9	0.6	0.27	350	23733	470265	467037	5480955	1.15	57	3.07	21.4	5.99	57.9	0.81	0.43	299	5635
470187	466887	5481855	1.25	54.9	1.11	20.7	6.8	51.5	0.82	0.42	315	14595	470266	467187	5480855	1.08	51.1	2.42	20	6.28	61.4	0.84	0.41	275	6983
470188	466937	5481755	1.32	68.4	1.86	32.5	8.24	57.5	1.05	0.49	280	8656	470267	467287	5480855	1.23	70.5	1.24	19	5.01	40	0.77	0.32	333	10726
470189	466287	5482055	1.36	91	2.23	29.2	7.1	39.8	0.96	0.49	271	4843	470268	467387	5480855	1.34	123	6.26	92.1	6.46	66.8	1.08	0.47	171	1821
470190	466781	5481652	1.2	72.4	2.48	34.9	9.39	60.5	1.16	0.55	256	6250	470269	467487	5480855	1.22	80.2	3.57	49.4	7.5	51.1	1.12	0.53	290	4146
470191	466837	5481755	1.37	64.6	1.58	29.8	8.06	53.3	1.09	0.49	298	10063	470270	466781	5482464	1.04	45	2.52	16.8	5.08	48.1	0.76	0.35	299	5714
470192	466737	5481755	1.24	50.1	3.03	24.3	6.43	59.4	1.02	0.46	293	5743	470271	466893	5482460	1.01	58.2	3.07	17.7	5.44	40.6	0.74	0.35	296	3909
470193	466687	5481655	1.16	50	2.1	19.7	6.41	49.1	0.87	0.41	334	7810	470272	466899	5482463	1.14	30.1	0.92	10.8	4.32	52.2	0.61	0.27	335	19022
470194	466587	5481655	1.14	47.5	2.1	20.5	6.37	53.9	0.87	0.43	330	8476	470273	467084	5482457	1.32	87	3.22	31.4	6.96	53.6	1.06	0.46	254	4224
470195	466637	5481755	1.11	43.3	1.1	16.1	7.05	52	0.94	0.41	321	15182	470274	467166	5482469	1.12	54	1.96	19.7	5.97	51.6	0.84	0.4	298	7857
470196	466537	5481755	1.09	29.7	1.29	9.4	4.65	65.3	0.68	0.3	263	13333	470275	467195	5482352	1.11	37.1	1.14	13.7	6.13	52.2	0.82	0.4	314	14386
470197	466487	5481655	1.27	52.5	2.76	24.1	6.3	56.9	0.93	0.44	308	6341	470276	467128	5482344	1.18	49.8	2.7	18.6	6.51	59.1	1	0.54	289	6333
470198	466387	5481655	1.44	65.7	3.11	27	6.35	51.5	0.99	0.48	305	5048	470277	466928	5482381	1.09	48.4	1.79	15.4	4.98	47.9	0.92	0.32	319	8547
470199	466287	5481655	1.36	31.2	0.95	10	5.32	51.7	0.66	0.33	369	20105	470278	466827	5482363	1.04	57	2.89	18.6	5.6	54.6	0.86	0.39	253	4775
470201	466337	5481755	1.2	59.7	2.45	23.5	5.56	45.6	0.77	0.37	327	6082	470279	466738	5482361	1.09	42.6	1.22	13	6.06	54.9	0.78	0.41	293	13197
470202	466437	5481755	1.1	45.9	1.63	18.5	5.98	48	0.81	0.54	329	9693	470280	466791	5482251	0.97	34.9	1.08	10.8	5.52	52.1	0.82	0.35	294	14167
470203	466137	5481155	1.28	123	2.57	33	5.73	24.4	0.76	0.43	230	2179	470281	466887	5482256	1.07	44.3	1.41	14.5	5.62	53.4	0.8	0.36	303	11489
470204	465787	5																							



**Balkan**

Mining and Minerals Limited

# ASX ANNOUNCEMENT

19 July 2023

Sample Id	Easting	Northing	Be_ppm	cr_ppm	Cs_ppm	Li_ppm	Nb_ppm	Rb_ppm	Sn_ppm	Ta_ppm	K/Rb	K/Cs
470352	466091	5481855	1.33	40.4	1.27	14.3	5.59	56.6	0.78	0.37	284	12677
470353	466132	5481964	1.11	38.9	1.02	12.8	5.88	53.8	0.89	0.42	303	15980
470354	466200	5481852	1.06	40.7	1.25	12.7	6	51.5	0.82	0.44	305	12560
470355	466234	5481960	1.08	36	1.28	15.6	5.28	59.6	0.72	0.37	297	13828
470356	466297	5481859	1.18	62.6	3.43	28.1	6.2	61.9	0.9	0.45	255	4606
470357	466333	5481966	1.17	53	2.57	21.1	5.56	63.6	0.81	0.4	253	6265
470358	466385	5481849	1.2	60.2	2.02	23.4	5.91	44.5	0.92	0.4	326	7178
470359	466439	5481971	1.09	42.8	1.41	13.7	6.64	56.9	0.88	0.44	308	12411
470360	466492	5481854	1.18	74.3	2.36	25.6	5.9	41.4	0.91	0.45	285	5000
470361	466540	5481967	1.06	31.2	1.3	10.4	4.45	52.8	0.59	0.3	330	13385
470362	466587	5481860	1.08	34.1	0.93	8.9	4.49	53.6	0.61	0.31	310	17849
470363	466636	5481958	1	55	1.46	19.8	7.68	68.8	1.05	0.51	265	12466
470364	466830	5481963	1.13	58.4	2.45	20.3	6.54	55.4	0.87	0.45	283	6408
470365	466913	5481937	1.16	39.3	0.97	12.2	5	50.4	0.72	0.35	315	16392
470366	466964	5482056	1.09	36.7	1.27	12	4.21	49.9	0.75	0.3	317	12441
470367	466884	5482056	1.17	53.1	2.56	15.2	5.77	58.3	0.88	0.41	288	6563
470368	466775	5482068	1.08	51.8	1.39	15.4	7.63	57.5	0.99	0.52	301	12446
470369	466692	5482062	1.18	45.4	1.26	18.5	6.39	55.1	0.8	0.48	314	13730
470370	466336	5481558	1.19	45.8	2.62	20.1	5.8	60.4	0.92	0.42	273	6298
470371	466387	5481452	1.21	50	2.65	23.8	6.01	57.9	0.92	0.51	295	6453
470372	466444	5481572	1.19	45.6	2.8	22.4	6.71	61.1	0.98	0.49	295	6429
470373	466851	5481458	1.14	61.7	2.65	23.2	6.5	54.3	1.08	0.49	313	6415
470374	466534	5481554	1.16	37.7	1.51	16.7	6.54	51.9	0.81	0.43	347	11921
470375	466583	5481454	1.22	44.8	2.06	17.6	6.56	55.4	0.89	0.47	334	8981
470376	466637	5481561	1.18	47.5	2.18	20.8	7.25	52.5	0.96	0.5	322	7752
470377	466697	5481463	0.9	35.8	1.46	12.2	7.1	53.8	0.95	0.48	329	12123
470378	466745	5481554	1.01	69.1	1.88	21.5	12.85	57.5	1.38	1.48	263	8032
470379	466788	5481454	1.85	38.8	2	19.8	6.34	62.1	0.87	0.45	293	9100
470380	466837	5481567	1	36.6	1	11.5	6.3	51.1	0.92	0.4	313	16000
470381	466891	5481460	0.99	38.1	1.32	12.8	5.54	50.2	0.75	0.39	325	12348
470382	466929	5481560	0.91	27.1	0.89	7.3	5.4	53.1	0.79	0.43	339	20225
470383	466988	5481462	0.85	39	0.86	7	7.41	51.4	0.91	0.48	302	18023
470384	466919	5481375	1.18	81.9	2.43	20.7	5.9	53.2	0.77	0.41	295	6461
470385	466888	5481252	1.38	113	7.26	38	7.57	57	1.47	0.56	128	1006
470386	466830	5481372	1.2	50.5	4.18	27.8	6.57	73.4	0.82	0.45	244	4282
470387	466777	5481257	1.2	53	2.43	21.9	6.23	61.6	0.86	0.49	278	7037
470388	466736	5481375	1.16	58.7	2.97	25.8	5.9	53.5	0.86	0.44	320	5758
470389	466686	5481249	1.1	47.9	2.12	23.4	6.56	60.1	0.89	0.47	296	8396
470390	466628	5481360	1.21	43.3	1.77	16.4	6.32	60	0.83	0.53	307	10395
470391	466558	5481252	1.12	85.3	4.81	24.3	5.41	67.8	0.8	0.36	218	3077
470392	466538	5481363	1.16	72.1	2.3	26.5	6.22	45.4	0.92	0.46	306	6043
470393	466475	5481267	1.14	38.3	1.99	17	6.63	68.2	0.84	0.45	277	9497
470394	466439	5481355	1.23	41.7	3.13	23.8	8.17	60.7	1.3	0.61	301	5847
470395	466383	5481268	1.3	61	2.17	28.8	6.84	47.8	0.98	0.57	312	6866
470396	466342	5481364	1.27	133.5	3.64	46.5	6.37	52	0.87	0.47	240	3434
470397	466270	5481263	1.03	26.1	1.72	14.3	6.9	58	1.13	0.5	305	10291
470398	466281	5481461	1.3	96.2	3.74	32.4	6.03	52.3	0.99	0.48	231	3235
470399	466938	5481170	1.23	70	2.72	23.1	6.01	59.6	0.95	0.42	263	5772
470400	466840	5481161	1.34	86.1	3.56	34.2	7.67	56.6	1.01	1.45	233	3708
470401	466735	5481157	1.3	72.1	3.3	28.8	6.49	50.3	0.88	0.46	304	4636
470402	466635	5481156	1.06	47.7	1.91	16.4	6.14	61.2	0.76	0.44	278	8901
470403	466532	5481169	1.43	112	14.1	110.5	6.8	60.7	1.04	0.48	236	1014
470404	466423	5481177	1.38	104.5	6.59	42.7	5.49	32.6	0.83	0.42	212	1047
470405	466325	5481167	1.21	59.4	2.42	19	5.95	51.4	0.88	0.43	300	6364
470406	466235	5481166	1.22	46.7	2.25	18.2	6.56	56.3	0.99	0.5	311	7778



**Balkan**  
Mining and Minerals Limited

**JORC Code, 2012 Edition – Table 1**

**Section 1 Sampling Techniques and Data**

(Criteria in this section apply to all succeeding sections.)

Criteria	JORC Code explanation	Commentary
<b>Sampling techniques</b>	<ul style="list-style-type: none"> <li>Nature and quality of sampling (eg cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling.</li> <li>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</li> <li>Aspects of the determination of mineralisation that are Material to the Public Report.</li> <li>In cases where 'industry standard' work has been done this would be relatively simple (eg 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (eg submarine nodules) may warrant disclosure of detailed information.</li> </ul>	<ul style="list-style-type: none"> <li>Soil samples were collected from "B" horizon using a hand auger. The samples were taken on a 20x50m and 100x100m systematic grid pattern with sites located by a handheld GPS.</li> <li>Samples varied in weight from 0.21kg up to 1.14kg.</li> <li>All collected soil samples for the present study were prepared by ALS laboratory in Thunder Bay and analysed in ALS laboratory in Vancouver, both having been assessed by the Standards Council of Canada (SCC) and found to conform with the requirements of ISO/IEC 17025:2005 and the conditions for accreditation established by SCC.</li> <li>Accuracy monitoring was achieved through the submission and monitoring of standard reference materials.</li> <li>In addition, ALS performs its own internal QAQC checks.</li> </ul>
<b>Drilling techniques</b>	<ul style="list-style-type: none"> <li>Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc).</li> </ul>	<ul style="list-style-type: none"> <li>Not Applicable - No drilling was undertaken.</li> </ul>
<b>Drill sample recovery</b>	<ul style="list-style-type: none"> <li>Method of recording and assessing core and chip sample recoveries and results assessed.</li> <li>Measures taken to maximise sample recovery and ensure representative nature of the samples.</li> <li>Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.</li> </ul>	<ul style="list-style-type: none"> <li>Not Applicable - No drilling was undertaken.</li> </ul>
<b>Logging</b>	<ul style="list-style-type: none"> <li>Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.</li> <li>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.</li> <li>The total length and percentage of the relevant intersections logged.</li> </ul>	<ul style="list-style-type: none"> <li>Each coordinate and note were recorded in the sample book, and the sampling location has been photographed.</li> <li>The sample was placed in a clear plastic bag with the assigned sample tag and closed off with a zip tag.</li> <li>A copy of the sample tag is left at the location, secured by a flagging tape.</li> <li>The samples at the end of each day are dropped at the core shack in Nipigon.</li> <li>The geologist reviews and petrographically describes and log the sample.</li> <li>The samples are logged based on their Lithology, physical descriptions such as, gran</li> </ul>





**Balkan**  
Mining and Minerals Limited

## ASX ANNOUNCEMENT

19 July 2023

		size, texture, color, weathering, alterations, mineralisation and any other related details.
<b>Sub-sampling techniques and sample preparation</b>	<ul style="list-style-type: none"> <li>If core, whether cut or sawn and whether quarter, half or all core taken.</li> <li>If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.</li> <li>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</li> <li>Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.</li> <li>Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling.</li> <li>Whether sample sizes are appropriate to the grain size of the material being sampled.</li> </ul>	<ul style="list-style-type: none"> <li>No sample preparation is undertaken by the Company prior to lab submission.</li> <li>The samples were prepared (crushed and pulverised) in the ALS' prep lab in Thunder Bay and assayed in ALS' lab in Vancouver.</li> </ul>
<b>Quality of assay data and laboratory tests</b>	<ul style="list-style-type: none"> <li>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</li> <li>For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.</li> <li>Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established.</li> </ul>	<ul style="list-style-type: none"> <li>All the rock samples collected for the present study work were prepared and analysed by ALS in Thunder Bay and Vancouver, having been assessed by the accredited by the Standards Council of Canada (SCC) for specific tests listed in our Scopes of Accreditation which conforms with CAN-P-1579: Requirements for the Accreditation of Mineral Analysis Testing Laboratories and CAN-P-4E ISO/IEC 17025: General Requirements for the Competence of Testing and Calibration Laboratories.</li> <li>The soil samples were prepared using PREP-41 a standard ALS' procedure for soil samples.</li> <li>The samples were analysed by ALS' ME-MS61L Super trace 4 Acid/ ICP-MS Multi-element Package.</li> <li>Accuracy monitoring was achieved through the submission and monitoring of standards.</li> <li>Standards were submitted as "blind" control samples not identifiable by the laboratory.</li> <li>In addition, ALS performs its own internal QAQC checks.</li> </ul>
<b>Verification of sampling and assaying</b>	<ul style="list-style-type: none"> <li>The verification of significant intersections by either independent or alternative company personnel.</li> <li>The use of twinned holes.</li> <li>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</li> <li>Discuss any adjustment to assay data.</li> </ul>	<ul style="list-style-type: none"> <li>Pleson Geoscience, an independent contractor, collected samples.</li> <li>The data regarding sampling location and sample information is stored in tabular format and is appended to this report.</li> <li>Assays results have been reported as ppm, and there was no adjustment to assay data.</li> </ul>
<b>Location of data points</b>	<ul style="list-style-type: none"> <li>Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.</li> <li>Specification of the grid system used.</li> <li>Quality and adequacy of topographic control.</li> </ul>	<ul style="list-style-type: none"> <li>Sample locations were determined using a portable GPS receiver.</li> <li>All the data are tight into NAD83 / UTM zone 16 grid system.</li> </ul>
<b>Data spacing and distribution</b>	<ul style="list-style-type: none"> <li>Data spacing for reporting of Exploration Results.</li> <li>Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral</li> </ul>	<ul style="list-style-type: none"> <li>Soil samples were collected from "B" horizon using a hand auger. The samples were taken on a 20x50m and 100x100 offset grid pattern.</li> </ul>

ASX | BMM

Balkan Mining and Minerals Limited ABN 67 646 716 681  
Level 50, 108 St Georges Terrace, Perth WA 6000

T: +61 8 6109 6684 E: info@balkanmin.com [www.balkanmin.com](http://www.balkanmin.com)



**Balkan**  
Mining and Minerals Limited

## ASX ANNOUNCEMENT

19 July 2023

	<p><i>Resource and Ore Reserve estimation procedure(s) and classifications applied.</i></p> <ul style="list-style-type: none"><li>• <i>Whether sample compositing has been applied.</i></li></ul>	<ul style="list-style-type: none"><li>• The data spacing and distribution are considered to be insufficient to establish the degree of geological and grade continuity.</li><li>• Sample compositing has not been applied.</li></ul>
<b>Orientation of data in relation to geological structure</b>	<ul style="list-style-type: none"><li>• <i>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</i></li><li>• <i>If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.</i></li></ul>	<ul style="list-style-type: none"><li>• Soil samples were taken on a 20x50m and 100x100 offset grid pattern. The reported samples are considered as systematically taken samples and thus represent a continuous sample over any width or length of an perspective area.</li></ul>
<b>Sample security</b>	<ul style="list-style-type: none"><li>• <i>The measures taken to ensure sample security.</i></li></ul>	<ul style="list-style-type: none"><li>• Pleson Geoscience geologists handed the samples off to the ALS laboratory manager, and the proper chain of custody was confirmed.</li></ul>
<b>Audits or reviews</b>	<ul style="list-style-type: none"><li>• <i>The results of any audits or reviews of sampling techniques and data.</i></li></ul>	<ul style="list-style-type: none"><li>• Mr Dejan Jovanovic (the Company's General Manager of Exploration) audited and reviewed sampling and assay data.</li></ul>

ASX | BMM

Balkan Mining and Minerals Limited ABN 67 646 716 681  
Level 50, 108 St Georges Terrace, Perth WA 6000

T: +61 8 6109 6684 E: info@balkanmin.com [www.balkanmin.com](http://www.balkanmin.com)



**Balkan**  
Mining and Minerals Limited

# ASX ANNOUNCEMENT

19 July 2023

## Section 2 Reporting of Exploration Results

(Criteria listed in the preceding section also apply to this section.)

Criteria	JORC Code explanation	Commentary																																																				
<b>Mineral tenement and land tenure status</b>	<ul style="list-style-type: none"> <li>Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.</li> <li>The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.</li> </ul>	<ul style="list-style-type: none"> <li>In total, eleven (11) multi-cell and one (1) single mining claim are owned by Ombabika Group Inc, a holder of the Gorge exploration project.</li> </ul> <table border="1"> <thead> <tr> <th>TENURE ID</th> <th>TITLE TYPE</th> <th>TENURE STATUS</th> <th>ANNIVERSARY DATE</th> </tr> </thead> <tbody> <tr> <td>618053</td> <td>Multi-cell Mining Claim</td> <td>Active</td> <td>07/11/2022</td> </tr> <tr> <td>547101</td> <td>Single Cell Mining Claim</td> <td>Active</td> <td>31/03/2023</td> </tr> <tr> <td>750117</td> <td>Multi-cell Mining Claim</td> <td>Active</td> <td>27/09/2024</td> </tr> <tr> <td>750119</td> <td>Multi-cell Mining Claim</td> <td>Active</td> <td>27/09/2024</td> </tr> <tr> <td>750120</td> <td>Multi-cell Mining Claim</td> <td>Active</td> <td>27/09/2024</td> </tr> <tr> <td>750121</td> <td>Multi-cell Mining Claim</td> <td>Active</td> <td>27/09/2024</td> </tr> <tr> <td>570582</td> <td>Multi-cell Mining Claim</td> <td>Active</td> <td>23/01/2023</td> </tr> <tr> <td>750118</td> <td>Multi-cell Mining Claim</td> <td>Active</td> <td>27/09/2024</td> </tr> <tr> <td>618074</td> <td>Multi-cell Mining Claim</td> <td>Active</td> <td>07/11/2022</td> </tr> <tr> <td>722323</td> <td>Multi-cell Mining Claim</td> <td>Active</td> <td>07/11/2022</td> </tr> <tr> <td>636770</td> <td>Multi-cell Mining Claim</td> <td>Active</td> <td>12/02/2023</td> </tr> <tr> <td>722324</td> <td>Multi-cell Mining Claim</td> <td>Active</td> <td>07/11/2022</td> </tr> </tbody> </table> <p>Pursuant to the Gorge Project transaction, the Company has the option to acquire 100% in the Gorge Project via four equal 25% interested staged earn-in acquisition, over a period of 3.5 years by satisfying agreed staged consideration payments and satisfying staged project spending requirements. Please refer to Notice of General Meeting dated 22 August 2022 for further details.</p>	TENURE ID	TITLE TYPE	TENURE STATUS	ANNIVERSARY DATE	618053	Multi-cell Mining Claim	Active	07/11/2022	547101	Single Cell Mining Claim	Active	31/03/2023	750117	Multi-cell Mining Claim	Active	27/09/2024	750119	Multi-cell Mining Claim	Active	27/09/2024	750120	Multi-cell Mining Claim	Active	27/09/2024	750121	Multi-cell Mining Claim	Active	27/09/2024	570582	Multi-cell Mining Claim	Active	23/01/2023	750118	Multi-cell Mining Claim	Active	27/09/2024	618074	Multi-cell Mining Claim	Active	07/11/2022	722323	Multi-cell Mining Claim	Active	07/11/2022	636770	Multi-cell Mining Claim	Active	12/02/2023	722324	Multi-cell Mining Claim	Active	07/11/2022
TENURE ID	TITLE TYPE	TENURE STATUS	ANNIVERSARY DATE																																																			
618053	Multi-cell Mining Claim	Active	07/11/2022																																																			
547101	Single Cell Mining Claim	Active	31/03/2023																																																			
750117	Multi-cell Mining Claim	Active	27/09/2024																																																			
750119	Multi-cell Mining Claim	Active	27/09/2024																																																			
750120	Multi-cell Mining Claim	Active	27/09/2024																																																			
750121	Multi-cell Mining Claim	Active	27/09/2024																																																			
570582	Multi-cell Mining Claim	Active	23/01/2023																																																			
750118	Multi-cell Mining Claim	Active	27/09/2024																																																			
618074	Multi-cell Mining Claim	Active	07/11/2022																																																			
722323	Multi-cell Mining Claim	Active	07/11/2022																																																			
636770	Multi-cell Mining Claim	Active	12/02/2023																																																			
722324	Multi-cell Mining Claim	Active	07/11/2022																																																			
<b>Exploration done by other parties</b>	<ul style="list-style-type: none"> <li>Acknowledgment and appraisal of exploration by other parties.</li> </ul>	<ul style="list-style-type: none"> <li>Historical workings carried out in 1955/56 identified up to 40 lithium and beryllium bearing pegmatites exposed in outcrop over an area of approximately 600km<sup>2</sup>, referred to as the larger Georgia Lake Area.</li> <li>Follow up fieldwork was carried out during 2008 with a focus on identifying rare-element pegmatite deposits. During this period, a new pegmatite group referred to as "Gathering Lake Pegmatite Group" was discovered containing both albite-spodumene-type and beryl-type pegmatites.</li> <li>The most recent field program was completed in 2018 when the presence of lithium-bearing mineralisation were confirmed on the Project at the Koshman and Nelson occurrences.</li> </ul>																																																				
<b>Geology</b>	<ul style="list-style-type: none"> <li>Deposit type, geological setting and style of mineralisation.</li> </ul>	<ul style="list-style-type: none"> <li>The Georgia Lake area is located within the Quetico Subprovince of the Superior Province of Ontario, Canada. The Quetico Subprovince is bounded by the granite-greenstone Wabigoon Subprovince to the north and Wawa Subprovince to the south. The Quetico Subprovince is composed of predominantly metasediments consisting of wacke, iron formation, conglomerate, ultramafic wacke and siltstone, which deposited between 2.70 and 2.69 Ga. The igneous rocks in the Quetico Subprovince include abundant felsic and intermediate intrusions, metamorphosed rare mafic and felsic extrusive rocks and an uncommon suite of gabbroic and ultramafic rocks.</li> <li>There is an abundance of pegmatites close to and within the large masses of granitic rocks. A regional zoning is apparent and a genetic</li> </ul>																																																				

ASX | BMM

Balkan Mining and Minerals Limited ABN 67 646 716 681  
Level 50, 108 St Georges Terrace, Perth WA 6000

T: +61 8 6109 6684 E: info@balkanmin.com [www.balkanmin.com](http://www.balkanmin.com)





**Balkan**  
Mining and Minerals Limited

## ASX ANNOUNCEMENT

19 July 2023

Criteria	JORC Code explanation	Commentary
		<p>association of pegmatites and granite is indicated. The pegmatites occur in two geometries: as irregular-shaped bodies and as thin veins and attenuated lenses. The irregular bodies of pegmatite are intimately associated with the granite bodies often within a few hundred feet of the contact zone. They typically are medium- to coarse-grained, up to very coarse-grained and are made up of quartz, microcline, perthite and little muscovite. These would be classified as potassic pegmatites. Accessory minerals include biotite, tourmaline and garnet.</p> <ul style="list-style-type: none"> <li>The pegmatite veins and lenses can be subdivided into rare-element pegmatites and granitic pegmatites. The rare-element pegmatites are of economic significance and they contain microcline or perthite, albite, quartz, muscovite and spodumene and minor amounts of beryl, columbite-tantalite and cassiterite. The granitic pegmatites are like the irregular pegmatites described above except that they contain more abundant plagioclase. Some of the pegmatites are parallel to the foliation or bedding of the metasediments, whereas others occur in joints in either the metasediments or granite. Contacts are usually sharp and, except where veins cut granitic rocks, often found to be marked by a thin border zone of aplite or granitoid composition. A few pegmatites are internally zoned with mica-rich or tourmaline-rich rock along or close to the walls and quartz cores.</li> </ul>
<b>Drill hole Information</b>	<ul style="list-style-type: none"> <li>A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes: <ul style="list-style-type: none"> <li>easting and northing of the drill hole collar</li> <li>elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar</li> <li>dip and azimuth of the hole</li> <li>down hole length and interception depth</li> <li>hole length.</li> </ul> </li> <li>If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.</li> </ul>	<ul style="list-style-type: none"> <li>Not applicable - No drilling was undertaken.</li> </ul>

ASX | BMM

Balkan Mining and Minerals Limited ABN 67 646 716 681  
Level 50, 108 St Georges Terrace, Perth WA 6000

T: +61 8 6109 6684 E: info@balkanmin.com [www.balkanmin.com](http://www.balkanmin.com)



**Balkan**  
Mining and Minerals Limited

# ASX ANNOUNCEMENT

19 July 2023

Criteria	JORC Code explanation	Commentary
<b>Data aggregation methods</b>	<ul style="list-style-type: none"> <li>In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated.</li> <li>Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.</li> <li>The assumptions used for any reporting of metal equivalent values should be clearly stated.</li> </ul>	<ul style="list-style-type: none"> <li>No data aggregation was done on the soil samples.</li> <li>No cut-off grades were used.</li> <li>No metal equivalent values are being reported.</li> </ul>
<b>Relationship between mineralisation widths and intercept lengths</b>	<ul style="list-style-type: none"> <li>These relationships are particularly important in the reporting of Exploration Results.</li> <li>If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.</li> <li>If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (eg 'down hole length, true width not known').</li> </ul>	<ul style="list-style-type: none"> <li>Soil samples were taken from the surface and thus are not representative of the entire thickness of the pegmatite units and, thus, not sufficient to establish the geometry of the mineralisation.</li> </ul>
<b>Diagrams</b>	<ul style="list-style-type: none"> <li>Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported. These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.</li> </ul>	<ul style="list-style-type: none"> <li>Appropriate diagrams, including sample locations map, are included in the main body of this report.</li> <li>A location map of the areas from which soil samples have been collected is included in the main body of the text. In addition, all soil sample data is listed in Appendix II with Channel ID, Sample ID and analytical results.</li> </ul>
<b>Balanced reporting</b>	<ul style="list-style-type: none"> <li>Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.</li> </ul>	<ul style="list-style-type: none"> <li>The announcement is believed to include all representative and relevant information and is believed to be comprehensive.</li> </ul>
<b>Other substantive exploration data</b>	<ul style="list-style-type: none"> <li>Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.</li> </ul>	<ul style="list-style-type: none"> <li>All historical exploration data is well summarised in Technical Report On the Gathering Lake Lithium Pegmatite Property.</li> </ul>
<b>Further work</b>	<ul style="list-style-type: none"> <li>The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).</li> <li>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</li> </ul>	<ul style="list-style-type: none"> <li>The further work will include striping, bolder mapping and sampling with the aim of identifying bedrock that might be sources of anomalism with the goal of refining targets and define drill locations.</li> </ul>

ASX | BMM

Balkan Mining and Minerals Limited ABN 67 646 716 681  
Level 50, 108 St Georges Terrace, Perth WA 6000

T: +61 8 6109 6684 E: info@balkanmin.com [www.balkanmin.com](http://www.balkanmin.com)