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**Resampling Report on the Cotley Mine Area,  
Elk Lake Property of Battery Mineral Resources Corp.,  
Mickle Township, Northeastern Ontario.**

March 22, 2021

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## 1. OVERVIEW

### 1.1 PROJECT NAME

This project is known as the **Cotley Prospect** of Battery Mineral Resources Corp's (BMR) **Elk Lake Project**.

### 1.2 SUMMARY

Historically, two veins at the Cotley prospect, the Main and Downey veins, were developed and bulk sampled, silver being the main product. From reviewing the underground (75'L) sampling plan, it appears that the focus was on the main hi-grade silver vein/ structure despite the observation that, according to the underground channel sampling plans, the backs and walls of the central structure graded over 200 ounces Ag per ton over 4 feet in many places.

Previously, Amador Gold Corp had conducted drill campaigns on the Cotley property in 2009 and 2011, however, there is no record of assay results for the last 3 holes of the program (AGSC11-30/ 31/ 32) despite the fact that sample intervals with sample tags were noted in the core boxes and that the core had been cut. BMR decided that the information from the missing assays was vital to projecting and interpreting the geometry of the mineralization of the vein systems at Cotley. Therefore, BMR requested that CXS access, and retrieve the core, and subsequently, BMR geologists resampled all of the Amador intervals and added a few extra samples. The core was quarter cut at the CXS facility and delivered to the ALS lab in Sudbury by BMR staff for multi element analysis. Table 1 summarizes the activities relating to the resampling work.

The distribution of historic and current values suggests that there are two main mineralizing trends that coincide with the Main and Downey veins, but there are also possible branching and/ or crossing (conjugate?) vein sets. In plotting the Co and Ag values, it appears that they do not necessarily coincide and may represent two distinct geometries/ generations of mineralization.

All coordinates presented in this report are in UTM NAD83 Z17N.

### 1.3 ACTIVITIES UNDERTAKEN

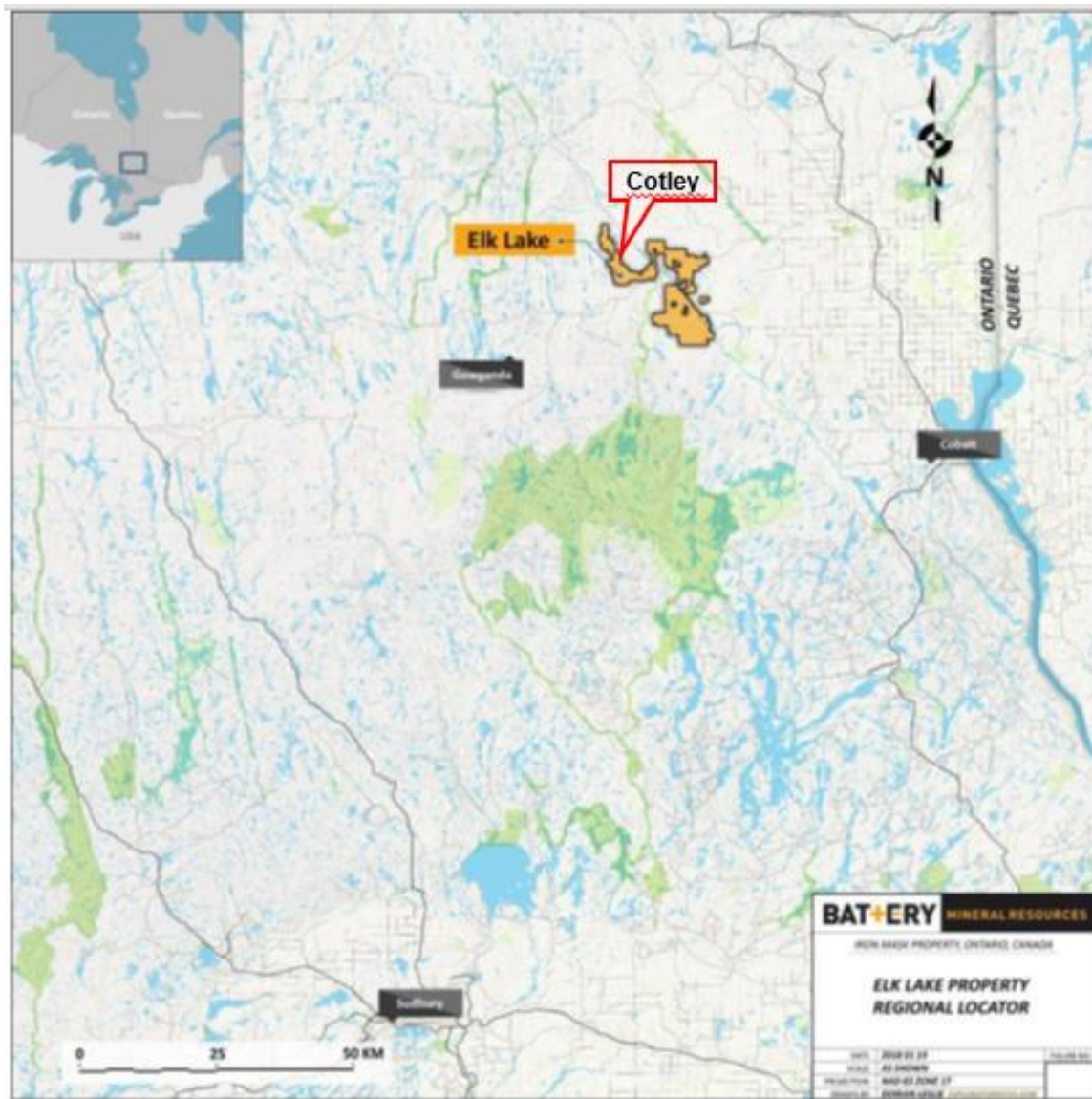
| Program Dates            | Number of Holes Resampled | Total Samples Taken | Total Samples Assayed | Standards and Blanks |
|--------------------------|---------------------------|---------------------|-----------------------|----------------------|
| Jan 19- 22, Feb 12, 2021 | 3                         | 82                  | 82                    | 5                    |

***Table 1. Elk Lake 2021 Cotley Resampling Summary.***

## 2. PROPERTY, EXPLORATION HISTORY, GEOLOGY

### 2.1 LOCATION

The Elk Lake Property is composed of a combined total of 1221 purchased, optioned, joint ventured and staked claims covering 20,902 hectares (209 square kilometres) in a contiguous block. The property (Figure 1) comprises parts of Barber, Farr, James, Mickle, Smyth, Truax, Tudhope and Willet Townships in Northeastern Ontario, approximately 135 kilometres north-northeast of Sudbury, 35 kilometres west of Englehart, and centred on the town of Elk Lake at approximate coordinates 550170 mE/ 5286600 mN (UTM NAD83, Zone 17).

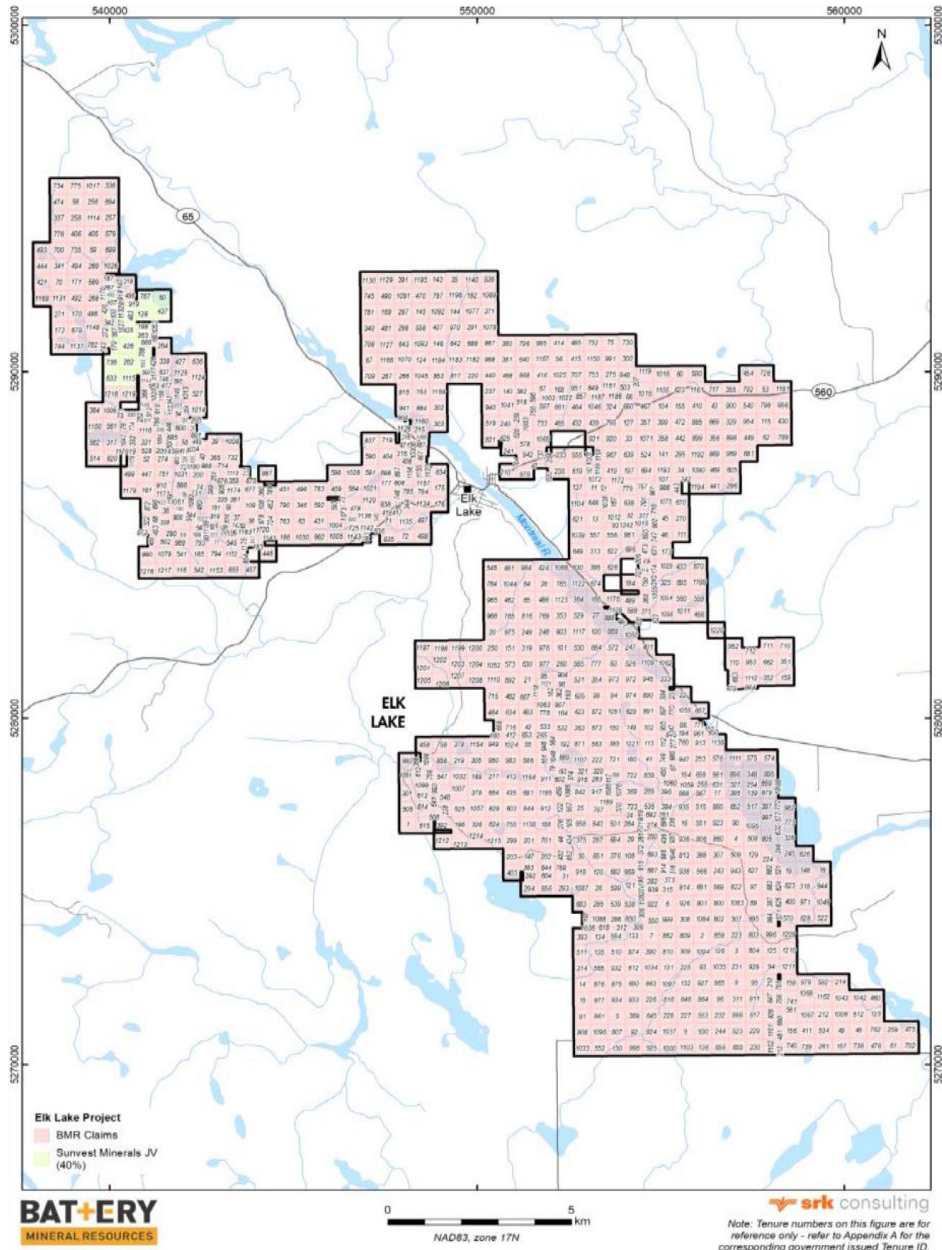


***Figure 1. General Location of Elk Lake Cotley Project Area.***



**2.2 ACCESS**

Access is gained from the town of Elk Lake, located approximately 55 km northwest of the municipality of Timiskaming Shores via Highway 65, or 36 km west- southwest of the town of Englehart along Highway 650. From Elk lake, head west along Highway 560 for approximately 6.6 km on Highway 560 and then north along various logging roads for 2.5 km to the Cotley property.



**Figure 2. Elk Lake Project Land Tenure Map (BMR, 2020).**

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### 2.3 MINING CLAIMS

The Elk Lake Project totals 1,221 claims covering 20,902 hectares (209 square kilometres) in a contiguous block. A plan showing the Elk Lake Project mineral claims is provided in Figure 2 which shows illustrative shortened tenure reference numbers, with the full tenure number provided in the detailed claim listing for the Elk Lake Project provided in Appendix 1.

All of the Amador drilling was conducted on claims 220118 and 323799 straddling the boundary of legacy claims L 3003015 and L 4284296.

### 2.4 PROPERTY & EXPLORATION HISTORY

The early history of the region is summarized in a report prepared for the Ontario Geological Survey by MacKean (1968), however, there are numerous additional undocumented pits, trenches and shafts on the property. This is supplemented by data updated from the MNDM assessment and AMIS files.

#### 1908- 1913

In 1908, the Cotley was known as the Shane- Darragh property on which surface trenching and open pitting was carried out. A shaft was sunk to about 50 feet and an open pit approximately 30 feet long and 15 feet deep was cut producing 11 tons of ore (Sergiades, 1968: MDC 10, p 352). Following a claim dispute, the property became known as the Downey claims.

#### 1952- 1954

Little work is recorded for the group until MacKean (1968) reports:

“Colcourt Mines Limited carried out some surface work in 1952. In July 1953, Cotley Mines Ltd. began operations. A 28-foot test pit sunk during former operations was deepened to 79 feet and became No. 1 shaft. A level was established at a depth of 75 feet, and 71 feet of drifting was done. Diamond-drilling, consisting of 26 holes totalling 3,452 feet, was carried out from underground [from surface according to plans]. About 437 tons of silver ore were hoisted, and 290 tons taken to the mill at Siscoe Metals, Ltd. for treatment.”

According to Sergiades (1968), the underground sample yielded 63,471 ounces of silver and 1,214 pounds of cobalt [219 opt Ag].

The only recorded work located in the Kirkland Resident Geologists files for this period consists of a surface plan showing the mine buildings/ infrastructure, workings and diamond drill hole locations, and an underground (75'L) assay plan.

#### 2004 Canadian Prospecting Ventures

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Conducted a trenching program consisting of 2 deep excavator cuts in overburden which failed to reach/ uncover the projected vein zones. (KL file CO3036).

**2009 Amador Gold Corp**

In the summer of 2007, Amador launched a drill campaign for silver in the Silver-claim Lake area, including 19 short holes (1398m) which were drilled around the Cotley shaft area in the search for silver. According to the assays, eight of the holes encountered veins yielding Co values generally between 0.1 and 0.3% with a few spikes over 1.2% Co, all over narrow widths and associated with anomalous to high Ag values. (unpublished internal report).

**2011 Amador Gold Corp**

In March, 2011, Amador Gold drilled 10 short holes (859.75m) in the immediate vicinity of the Cotley shaft and Downey vein areas. The holes were logged and sampled but not filed for assessment. No assay results were provided for holes AGSC11030/ 31/ 32.

**2.5 REGIONAL & LOCAL GEOLOGY****Regional Geology**

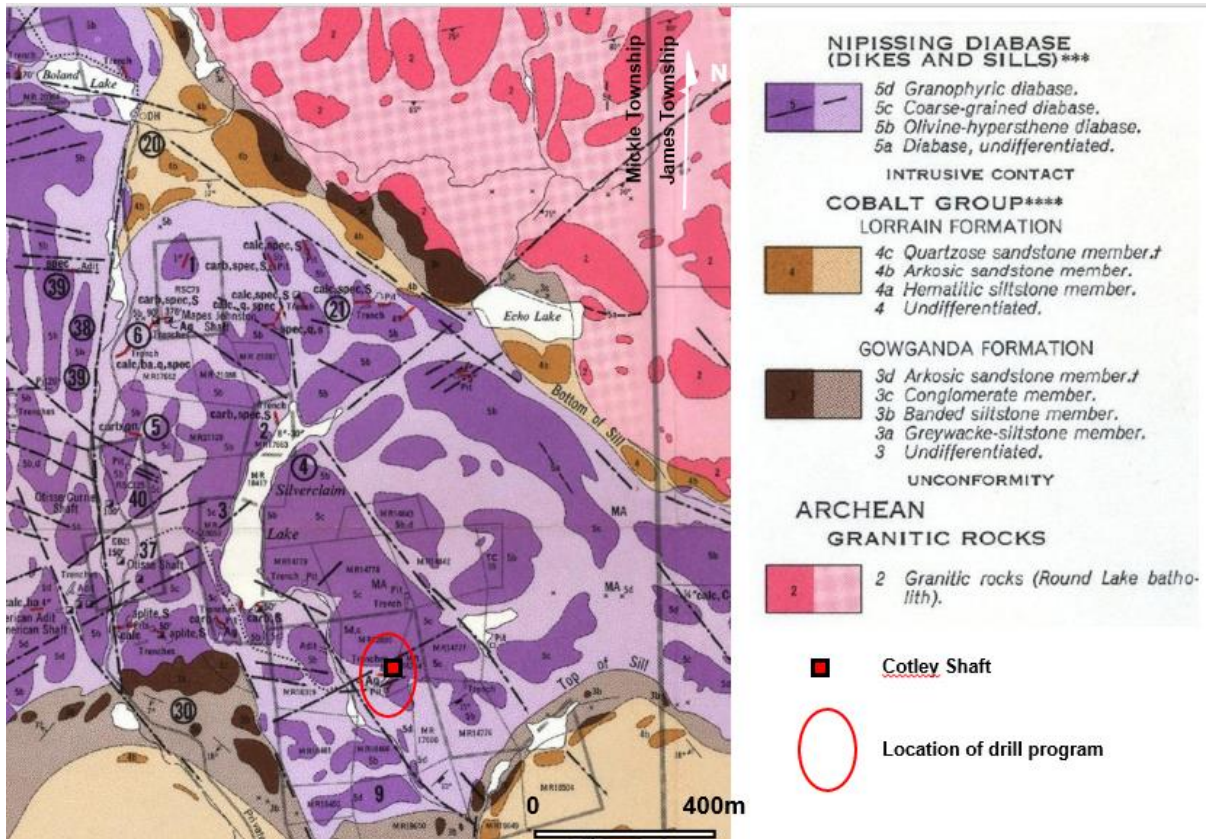
Basement rocks of the Superior Craton are composed of a series of granite terranes variably covered by greenstone belts and sedimentary basins that represent the accretion of microcontinents during the Archean and can be further subdivided into sub-provinces. Much of the Archean Craton is unconformably overlain by Paleoproterozoic to Paleozoic siliciclastic rocks, forming irregular paleo-basins.

All of the bedrock in the townships mapped by MacKean (1968) "is composed of the Round Lake batholith containing inclusions of metavolcanic rocks, Cobalt Group sedimentary rocks representing approximately 70 percent of the surface rock unconformably overlying the granitic and metavolcanic rocks, and Nipissing diabase which intrudes the above rocks in the form of dikes and sills and is itself intruded by olivine diabase dikes." (Figure 3)

**Property Scale Geology**

A stripped outcrop in the centre of the drilled area consists entirely of medium to coarse grained Nipissing diabase near the top of the sill with local patches of coarse grained to granophyric phases and local aplitic dikelets up to 10 cm. All of the holes traversed Nipissing diabase from collar to end of hole.





**Figure 3. General geology of the Cotley area.**

## 2.6 MINERAL DEPOSIT TYPES

Excerpts from MacKean's report (1978) summarize the mineralization in the Elk Lake area and at Cotley as follows:

*"In the Elk Lake area most of the mineral occurrences are in the Nipissing diabase suggesting some genetic relationship between them. Porous rocks such as the lower conglomerate member of the Cobalt Group sedimentary rocks at Cobalt are missing in the Elk Lake area. Rocks of the Lorrain Formation appear to be poor host rocks as indicated by the general absence of diabase "sills" in their midst, while dikes are common. The reason why the diabase rock is generally the host rock may be that fracturing and alteration has made it more amenable to ore deposition."*

*"The Can. Min. Jour. (1908, p. 133) reports the richest vein in the area to occur on The Shane-Darragh claim which was then in dispute. The vein was described as being 6 to 8 inches wide, and carrying 25 percent silver (Can. Min. Jour. 1908, p. 134).*

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*Claim MR12890 became the Downey claim as the result of the litigation. The Can. Min. Jour. (1913, p. 799) mentions 11 tons of ore ready to be shipped which were taken from an open cut 30 feet long by 15 feet deep [from the Downey Vein]. A shaft was in the process of being sunk to intersect the vein at the 50-foot level. It [the shaft] is 75 feet deep with total drifting of 100 feet of which 80 feet is said to have been in ore. The silver is said to have occurred in slips within the country rock. The mining operation was entirely in reddish or granophyric diabase.”*

*“The geology of the area is essentially coarse-grained diabase with varying proportions of granophyre.”*

At the Cotley shaft, the No. 1 vein strikes N10E, turning to N20E at the northern end of the vein. The No. 2 vein branches off the No. 1 vein, 30 feet north of the shaft, and strikes approximately north for 60 feet. The Downey vein is SW from the Cotley shaft striking N80E and is 70 feet long. According to old reports, bulk samples were taken from the Downey vein on surface and from the main vein through stoping on the 75'L. The veins have been described as being 6 to 8 inches wide and carrying up to 25 percent native silver. From reviewing the underground (75'L) sampling plan, it appears that the focus was on the main hi- grade silver vein/ structure despite the observation that the walls of the central structure graded over 200 ounces Ag per ton over 4 feet in many places. This may account for the high production of 63,471 ounces of silver and 1,214 pounds of cobalt (Sergiades, 1968) from 290 tons of ore mined [219 opt Ag].

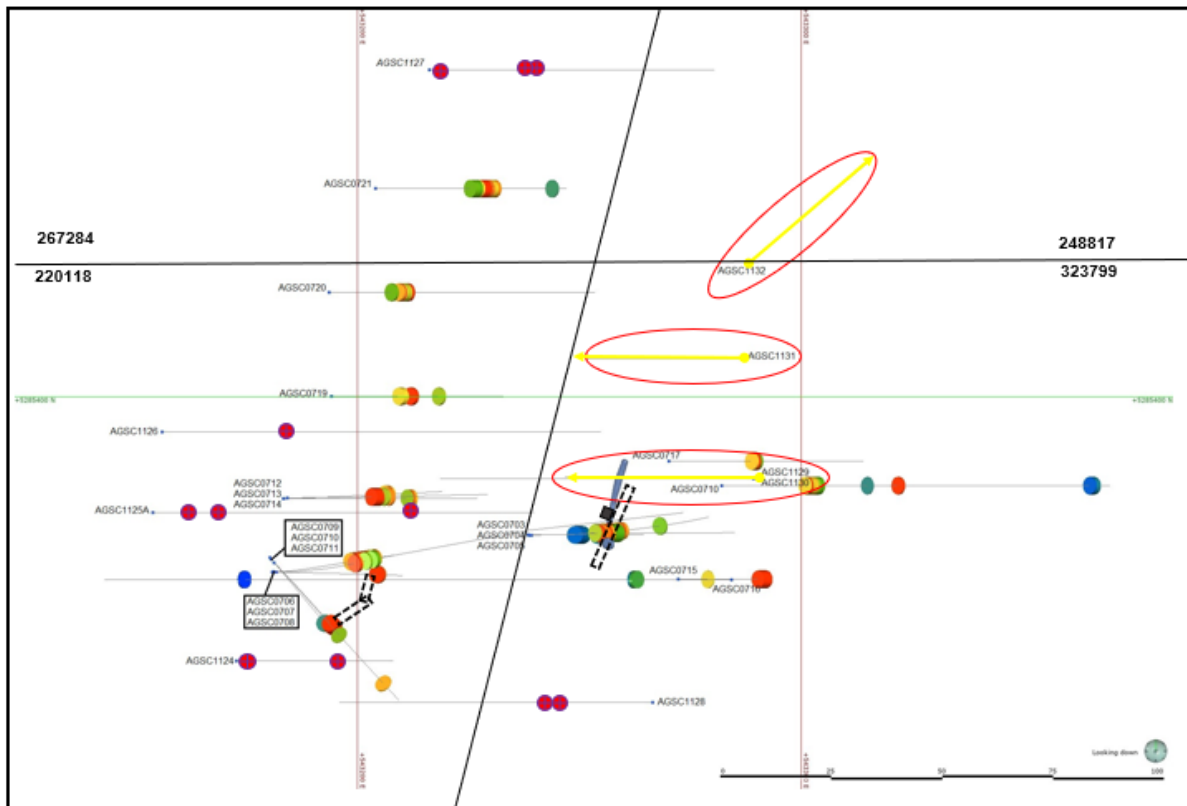
### 3. DRILLING

#### 3.1 PERMITS

Permits for exploration drilling at the Cotley Prospect, Elk Lake Project are PR-20-00024 and PR-20-00025, however, no permit was required for resampling the core.

#### 3.2 RESAMPLING

Historically, an open cut had been blasted on the Downey (west) vein to provide a bulk sample, and a shaft sunk on the Main (East/ No 1) vein to test the vein at depth. Underground channel sampling revealed a central high grade silver vein zone with wall rock that also was enriched with silver over several metres. Subsequent surface diamond drilling in 2009 and 2011 near the workings indicated that there was internal continuity to both vein systems. However, there were no assay results provided for the last 3 holes (AGSC11030/ 31/ 32; Figure 4)



**Figure 4. Elk Lake, Cotley Amador Gold 2009- 2011 Drillhole Location Plan; resampled holes in red oval.**

The 2021 BMR resampling of the 2011 Amador drilling at Cotley was conducted between January 19- 26, 2021. The assays provided infill information to aid in the interpretation and modelling of the main and Downey veins to supplement the results of BMR's summer 2020 drill program. The collar data for the 3 Amador holes is provided in Table 2.

| Hole ID   | Easting) | Northing | Azimuth (degrees) | Dip (degrees) | Final Depth (m) |
|-----------|----------|----------|-------------------|---------------|-----------------|
| AGSC11-30 | 543292   | 5285380  | 270               | -65           | 104             |
| AGSC11-31 | 543290   | 5285405  | 270               | -45           | 50              |
| AGSC11-32 | 543294   | 5285431  | 50                | -45           | 50              |

**Table 2. Collar Data for BMR Drilling at Elk Lake, Cotley Prospect.**

The core from the 2011 Amador drilling was stored at CXS' remote core storage facility near Larder Lake. After the access to the CXS core storage yard had been plowed (Matt Cliché), the core was located by BMR geologists and then retrieved and transported to the logging trailer by CXS personnel. The core was thawed and then sampled by BMR geologists Sean Hicks and Nico Kastek. Supervision was provided by BMR Exploration Manager F. Ploeger and Vice President of Exploration P. Doyle. A daily log of the resampling is given in Table 3.

| <b>Cotley Resampling of DDHs AGSC11030/ 31/ 32</b> |                               |                        |               |
|--|-------------------------------|------------------------|---------------|
| Date   | Description                   | Personnel              | Samples Taken |
| January 19, 2021                                   | access/ plowing core yard     | CXS- Matt Cliché       | 0             |
| January 20, 2021                                   | move core to logging facility | CXS- Matt Cliché       | 0             |
| January 20, 2021                                   | thawing/ resampling of core   | BMR- S Hicks; N Kastek | 26            |
| January 21, 2021                                   | thawing/ resampling of core   | BMR- S Hicks; N Kastek | 26            |
| January 22, 2021                                   | thawing/ resampling of core   | BMR- S Hicks; N Kastek | 30            |
| January 22, 2021                                   | move core back to storage     | CXS- Matt Cliché       | 0             |
| January 26, 2021                                   | cut core samples              | CXS- F Fortin          | 82            |
| February 12, 2021                                  | transport core to ALS labs    | BMR- P Doyle           | 82            |

**Table 3. Collar Data for BMR Drilling at Elk Lake, Cotley Prospect.**

All of the resampled core was from claims 220118 and 323799 straddling the boundary of legacy claims L 3003015 and L 4284296.

### 3.3 RESULTS & INTERPRETATION

Neither the Downey or Main veins have distinguishing characteristics that make them readily identifiable in drill core- they are nested amongst many similar carbonate- quartz veinlets and stringers. Locally, there may be accompanying weak bleaching or reddish alteration associated with the veins or they may occur amongst a zone/ stream of smaller veinlets. The host rock is invariably coarse to medium grained diabase with local aplitic dikelets.

There are few anomalous cobalt intersections in the drilling, the Cotley project was primarily considered by Amador as a silver target. Hole AGSC11-030 appears to have been targeting the immediate northerly and downwards extension of the shaft (Main) vein while AGSC11-031/ 032 were drilled northwards on strike. The best Ag, Co, As and Cu values are presented for each resampled hole in Table 4 below. Sample intervals cited in this report are core lengths, not true widths. Detailed assay data/ certificates of analysis are provided in Appendix 2 and Appendix 3.

| Hole ID   | Sample ID | from (m) | to (m) | Ag (ppm) | Co (ppm) | As (ppm) | Cu (ppm) |
|-----------|-----------|----------|--------|----------|----------|----------|----------|
| AGSC11030 |           |          |        | NSV      | NSV      | NSV      | NSV      |
| AGSC11031 | 18892     | 17       | 18.5   | 8.39     | 20       | 18       | 79       |
| AGSC11031 | 18893     | 18.5     | 19.2   | 26.4     | 821      | 1270     | 1900     |
| AGSC11031 | 18894     | 19.2     | 20.5   | 9.94     | 12       | 15       | 65       |
| AGSC11031 | 18895     | 20.5     | 21.5   | 13.9     | 28       | 14       | 2670     |
| AGSC11031 | R2009     | 41       | 42     | 5.04     | 18       | 20       | 25       |
| AGSC11031 | R2010     | 42       | 43     | 12.75    | 20       | 24       | 21       |
| AGSC11031 | R2011     | 43       | 44.1   | 25.6     | 18       | 17       | 29       |
| AGSC11031 | R2012     | 44.1     | 44.7   | 64.2     | 77       | 110      | 85       |
| AGSC11031 | R2013     | 44.7     | 45.5   | 4.51     | 21       | 24       | 19       |
| AGSC11031 | R2014     | 45.5     | 47     | 3.55     | 20       | 22       | 13       |
| AGSC11032 | R2034     | 32       | 33.5   | 4.54     | 18       | 21       | 29       |
| AGSC11032 | R2035     | 33.5     | 35     | 5.65     | 23       | 28       | 537      |
| AGSC11032 | R2041     | 41.7     | 42.2   | 17.85    | 148      | 38       | 491      |
| AGSC11032 | R2042     | 42.2     | 43     | 17.05    | 43       | 42       | 301      |

**Table 4. Elk Lake Cotley Significant Results.**

Following the return of the assays from ALS labs, it was noted that there were no significant values (NSV) returned in hole AGSC11-030. Hole AGSC11-031, collared approximately 25m north of the shaft was drilled at an azimuth of 270 degrees. From the assays it is evident that there are 2 silver bearing zones of 12.9 gpt Ag/ 4.5m and 10.86 gpt Ag/ 6m centred around spikes of 26.4 ppm and 64.2 ppm at 18.8m



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and 44.4m, respectively. There are slightly anomalous Co and As values associated with the high silver as well as Cu in the higher interval.

The final hole (AGSC11-032), was drilled at an azimuth of 050 degrees about 25m further north. There were also 2 silver spikes noted, returning assays of 5.1 g/t Ag over 3.0m and 17.4 g/t Ag over 1.3m at 33.5m and 42.3m. Minor anomalous Cu accompanied the silver in this hole.

### **3.4 SUMMARY & RECOMMENDATIONS**

#### **Summary**

Historically, an open cut had been blasted on the Downey (west) vein to provide a bulk sample, and a shaft sunk on the Main (east) vein to test the Main vein at depth. Underground channel sampling revealed a central high grade silver zone with wall rock that also was enriched with silver over several metres. Production of 63,471 ounces of silver and 1,214 pounds of cobalt from 290 tons of ore (219 opt Ag) has been reported from the Cotley mine (Sergiades, 1968).

Diamond drilling by Amador Gold near the historic Cotley workings in 2009 and 2011 indicated that there was internal continuity to both vein systems. However, there were no assay results provided for the last 3 holes (AGSC11030/ 31/ 32). Therefore, from January 19- 26, 2021, BMR retrieved the core from these holes and conducted a resampling program. The core was retrieved from the CXS core storage farm near Larder Lake and resampled by BMR geologists. Samples were subsequently transported to ALS Labs in Sudbury for multielement analysis. The assays provided infill information to aid in the interpretation and modelling of the main and Downey veins to supplement the results of BMR's summer 2020 drill program.

There were no significant assays obtained from the 26 samples submitted to ALS from hole AGSC11-030. On the other hand, holes AGSC11-031 (26 samples) and AGSC11-032 (30 samples) both returned two separate zones of anomalous silver over significant widths including 15.6ppm Ag over 6.0m (core length) in hole AGSC11-031. The results infer that the Main vein does not persist to depth but that it continues with significant overall widths of anomalous silver values and may branch along strike.

The distribution of historic and current values suggests that there are two main mineralizing trends that coincide with the Main and Downey veins, but there are also possible branching and/ or crossing (conjugate?) vein sets. The presence of several wide zones of silver mineralization, including the high values in the walls of the main vein/ structure on the 75'L, may represent a small tonnage bulk mining opportunity for silver with a cobalt credit.



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## Recommendations

Following the re- assaying of the Amador core and incorporating the results of BMR'S 2020 drill program, it is evident that the Cotley mine area project presents itself more as a silver target then for cobalt. With this distinction in mind, the following are recommended:

- 1) the model developed by BMR for the past drilling be corrected and updated with the new assays and that the 2020 drilling be integrated into the model.
- 2) the core from both the Amador and BMR 2020 programs be re- examined, particularly the Co and Ag intercepts, to distinguish the various vein systems/ zones and identify those that are Co- enriched vs those that are silver bearing. The model should then be updated to include the new observations.
- 3) the resampling indicates that the silver mineralized zone along the Main vein structure maintains a significant width and continues northwards, possibly branching along strike. From the 2020 BMR drilling, it can be inferred that the silver zones on both the main and Downey veins extend beyond the confines of all of the known drilling to the north and south. It is recommended that a program of short drill holes be planned to track both silver zones/ structures along strike.
- 4) Once all of the data from recommendations 1 & 2 have been completed, the down hole IP data be re- interpreted and also incorporated into the model to aid in generating additional drill targets, either for silver or cobalt.

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#### 4. REFERENCES CITED

MacKean, B. E., 1968: Geology of the Elk Lake Area, District of Timiskaming, Ontario Department of Mines, GR 62, 62 p. with **Geological Maps:**

Map 2150 (coloured) Chown and Lawson townships, Timiskaming District, Ontario. Scale, 1 inch to 1/2 mile.

Map 2151 (coloured) Mickle and James townships, Timiskaming District, Ontario. Scale, 1 inch to 1/2 mile.

Map 2152 (coloured) Roadhouse and Willet townships, Timiskaming District, Ontario. Scale, 1 inch to 1/2 mile

Robinson, D. 2009: Report on Diamond Drilling, Silverclaim Property, Mickle Township, Larder Lake Mining Division, North- Eastern Ontario; report for Amador Gold Corp.

Sergiades, A. O., 1968: Silver Cobalt Calcite Vein Deposits of Ontario, Ontario Department of Mines, Mineral Resources Circular 10, 498p.

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## 5. QUALIFICATIONS

### CERTIFICATE OF QUALIFICATION AND CONSENT

***I, Frank Rainer Ploeger of the town of Virginiatown, Province of Ontario, do hereby certify:***

- 1) That I am a Consulting Geologist and reside at 21 Waite Avenue, Virginiatown, Ontario, P0K 1X0.
- 2) That I graduated from Queen's University at Kingston, Ontario with a Bachelor of Applied Science degree in 1973; and, that I completed 2 years of an MSc program at McMaster University in Hamilton, Ontario (1980- 1982).
- 3) That I am a **member in good standing of the Association of Geoscientists of Ontario (#479, the Geological Association of Canada, the Prospectors and Developers Association, and the Northern Prospectors Association**. I have received a temporary permit (#2153) to practice in Quebec from the Ordre des geologues du Quebec pending acceptance by the Office quebequois de la langue francaise (OQLF).
- 4) That I have practiced my profession as a mineral exploration and mine geologist for a period of about 45 years.
- 5) This document is based on information various public documents and my personal observations during several visits to the property.

*Although the information supplied to me is believed to be accurate and all reasonable care has been taken in the completion of this report, I hereby disclaim any and all liability arising out of its use and circulation. While I stand behind my interpretations, I cannot guarantee the accuracy of the source information and the use of this report or any part thereof shall be at the user's sole risk.*

- 6) I have no interest, either directly or indirectly, in the subject property or client company.
- 7) *My written permission is required for the release of any summary or excerpt.*

---

Frank R. Ploeger

Virginiatown, Ontario, January 20, 2021

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## CERTIFICATE OF QUALIFICATION AND CONSENT

*I, Peter James Doyle of the city of Richmond Hill, Province of Ontario, do hereby certify:*

- 1) That I am an Exploration Geologist and reside at 79 Naughton Drive, Richmond Hill Ontario, L4C8B2.
- 2) That I graduated from Laurentian University at Sudbury, Ontario with an Honours Bachelor of Science degree in 1980.
- 3) That I am a **Fellow in good standing of the Australian Institute of Mining & Metallurgy (AUSIMM # 208850) as well as a member in good standing of Geological Association of Canada (GAC F0146); Canadian Institute of Mining & Metallurgy (CIMM # 91602); Prospectors & Developers Association of Canada (PDAC # 707); Society for Geology Applied to Mineral Deposits (SGA# 1333-08) and Society of Economic Geologists (SEG # 216720).**
- 4) That I have practiced my profession in various roles as a Mineral Exploration Geologist, Exploration Manager and Vice President of Exploration for a period of about 39 years principally within Canada & Australia as well as globally in United States of America, Mexico, Indonesia, China, Mongolia, Brazil, Argentina and Guyana.
- 5) This document is based on information various public documents and my personal observations during visits to the property during the exploration program.  
*Although the information supplied to me is believed to be accurate and all reasonable care has been taken in the completion of this report, I hereby disclaim any and all liability arising out of its use and circulation. While I stand behind my interpretations, I cannot guarantee the accuracy of the source information and the use of this report or any part thereof shall be at the user's sole risk.*
- 6) I am currently employed full time as Exploration Manager – Canada for Battery Mineral Resources Limited and was directly involved in the planning and execution of the exploration program documented in this report.
- 7) *My written permission is required for the release of any summary or excerpt.*

---

Peter J. Doyle

Richmond Hill, Ontario, January 20, 2021

## 6. APPENDIX

**Appendix 1.** Mining Claim Cells List

**Appendix 2.** Assay Data

**Appendix 3.** Certificates of Analyses











|        |          |           |      |        |            |            |            |   |       |                |    |     |    |       |    |   |    |     |   |     |
|--------|----------|-----------|------|--------|------------|------------|------------|---|-------|----------------|----|-----|----|-------|----|---|----|-----|---|-----|
| 306212 | Elk Lake | 41P160391 | SCMC | Active | 2022-04-11 | 2022-04-11 | 2021-11-11 | (100) BATTERY MINERAL RESOURCES LIMITED | 21.71 | MICKLE         | \$ | 400 | \$ | 1,200 | \$ | - | \$ | 43  | 5 | 43  |
| 306350 | Elk Lake | 41P090137 | BCMC | Active | 2022-04-11 | 2022-04-11 | 2021-11-11 | (100) BATTERY MINERAL RESOURCES LIMITED | 1.68  | JAMES,TUDHOPE  | \$ | 200 | \$ | 600   | \$ | - | \$ | 35  | 5 | 35  |
| 309498 | Elk Lake | 41P06232  | SCMC | Active | 2022-04-11 | 2022-04-11 | 2021-11-11 | (100) BATTERY MINERAL RESOURCES LIMITED | 21.71 | SMYTH          | \$ | 400 | \$ | 1,200 | \$ | - | \$ | 43  | 5 | 43  |
| 311018 | Elk Lake | 41P16344  | SCMC | Active | 2022-04-11 | 2022-04-11 | 2021-11-11 | (100) BATTERY MINERAL RESOURCES LIMITED | 20.87 | SMYTH          | \$ | 200 | \$ | 600   | \$ | - | \$ | 43  | 5 | 43  |
| 315688 | Elk Lake | 41P16233  | SCMC | Active | 2022-04-11 | 2022-04-11 | 2021-11-11 | (100) BATTERY MINERAL RESOURCES LIMITED | 21.71 | SMYTH          | \$ | 400 | \$ | 1,200 | \$ | - | \$ | 106 | 5 | 106 |
| 318075 | Elk Lake | 41P06263  | SCMC | Active | 2022-04-11 | 2022-04-11 | 2021-11-11 | (100) BATTERY MINERAL RESOURCES LIMITED | 21.70 | SMYTH          | \$ | 400 | \$ | 1,200 | \$ | - | \$ | 106 | 5 | 106 |
| 319076 | Elk Lake | 41P16288  | SCMC | Active | 2022-04-11 | 2022-04-11 | 2021-11-11 | (100) BATTERY MINERAL RESOURCES LIMITED | 21.70 | SMYTH          | \$ | 400 | \$ | 1,200 | \$ | - | \$ | 106 | 5 | 106 |
| 321243 | Elk Lake | 41P16248  | SCMC | Active | 2022-04-11 | 2022-04-11 | 2021-11-11 | (100) BATTERY MINERAL RESOURCES LIMITED | 21.70 | SMYTH          | \$ | 400 | \$ | 1,200 | \$ | - | \$ | 106 | 5 | 106 |
| 322402 | Elk Lake | 41P16243  | SCMC | Active | 2022-04-11 | 2022-04-11 | 2021-11-11 | (100) BATTERY MINERAL RESOURCES LIMITED | 21.70 | SMYTH          | \$ | 400 | \$ | 1,200 | \$ | - | \$ | 106 | 5 | 106 |
| 322403 | Elk Lake | 41P16242  | SCMC | Active | 2022-04-11 | 2022-04-11 | 2021-11-11 | (100) BATTERY MINERAL RESOURCES LIMITED | 21.70 | SMYTH          | \$ | 400 | \$ | 1,200 | \$ | - | \$ | 106 | 5 | 106 |
| 322404 | Elk Lake | 41P16304  | SCMC | Active | 2022-04-11 | 2022-04-11 | 2021-11-11 | (100) BATTERY MINERAL RESOURCES LIMITED | 10.16 | SMYTH          | \$ | 200 | \$ | 600   | \$ | - | \$ | 106 | 5 | 106 |
| 322460 | Elk Lake | 41P160351 | SCMC | Active | 2022-04-11 | 2022-04-11 | 2021-11-11 | (100) BATTERY MINERAL RESOURCES LIMITED | 21.71 | FARR           | \$ | 400 | \$ | 1,200 | \$ | - | \$ | 43  | 5 | 43  |
| 327661 | Elk Lake | 41P160350 | BCMC | Active | 2022-04-11 | 2022-04-11 | 2021-11-11 | (100) BATTERY MINERAL RESOURCES LIMITED | 12.77 | FARR           | \$ | 200 | \$ | 600   | \$ | - | \$ | 22  | 5 | 22  |
| 327887 | Elk Lake | 41P16202  | SCMC | Active | 2022-04-11 | 2022-04-11 | 2021-11-11 | (100) BATTERY MINERAL RESOURCES LIMITED | 21.70 | SMYTH          | \$ | 400 | \$ | 1,200 | \$ | - | \$ | 106 | 5 | 106 |
| 329092 | Elk Lake | 41P16222  | SCMC | Active | 2022-04-11 | 2022-04-11 | 2021-11-11 | (100) BATTERY MINERAL RESOURCES LIMITED | 21.70 | SMYTH          | \$ | 400 | \$ | 1,200 | \$ | - | \$ | 106 | 5 | 106 |
| 329093 | Elk Lake | 41P16221  | SCMC | Active | 2022-04-11 | 2022-04-11 | 2021-11-11 | (100) BATTERY MINERAL RESOURCES LIMITED | 21.70 | SMYTH          | \$ | 400 | \$ | 1,200 | \$ | - | \$ | 106 | 5 | 106 |
| 331199 | Elk Lake | 41P16227  | SCMC | Active | 2022-04-11 | 2022-04-11 | 2021-11-11 | (100) BATTERY MINERAL RESOURCES LIMITED | 21.71 | SMYTH          | \$ | 400 | \$ | 1,200 | \$ | - | \$ | 106 | 5 | 106 |
| 333423 | Elk Lake | 41P16334  | SCMC | Active | 2022-04-11 | 2022-04-11 | 2021-11-11 | (100) BATTERY MINERAL RESOURCES LIMITED | 21.71 | SMYTH          | \$ | 400 | \$ | 1,200 | \$ | - | \$ | 106 | 5 | 106 |
| 333424 | Elk Lake | 41P16375  | BCMC | Active | 2022-04-11 | 2022-04-11 | 2021-11-11 | (100) BATTERY MINERAL RESOURCES LIMITED | 17.83 | JAMES,SMYTH    | \$ | 200 | \$ | 600   | \$ | - | \$ | 85  | 5 | 85  |
| 338616 | Elk Lake | 41P16322  | SCMC | Active | 2022-04-11 | 2022-04-11 | 2021-11-11 | (100) BATTERY MINERAL RESOURCES LIMITED | 21.71 | SMYTH          | \$ | 400 | \$ | 1,200 | \$ | - | \$ | 66  | 5 | 66  |
| 337130 | Elk Lake | 41P16331  | SCMC | Active | 2022-04-11 | 2022-04-11 | 2021-11-11 | (100) BATTERY MINERAL RESOURCES LIMITED | 21.73 | SMYTH          | \$ | 400 | \$ | 1,200 | \$ | - | \$ | 106 | 5 | 106 |
| 340055 | Elk Lake | 41P160348 | BCMC | Active | 2022-04-11 | 2022-04-11 | 2021-11-11 | (100) BATTERY MINERAL RESOURCES LIMITED | 0.58  | FARR           | \$ | 200 | \$ | 600   | \$ | - | \$ | 16  | 5 | 16  |
| 342447 | Elk Lake | 41P16327  | SCMC | Active | 2022-04-11 | 2022-04-11 | 2021-11-11 | (100) BATTERY MINERAL RESOURCES LIMITED | 21.71 | SMYTH          | \$ | 400 | \$ | 1,200 | \$ | - | \$ | 106 | 5 | 106 |
| 342448 | Elk Lake | 41P16326  | SCMC | Active | 2022-04-11 | 2022-04-11 | 2021-11-11 | (100) BATTERY MINERAL RESOURCES LIMITED | 21.72 | SMYTH          | \$ | 400 | \$ | 1,200 | \$ | - | \$ | 106 | 5 | 106 |
| 342449 | Elk Lake | 41P16325  | SCMC | Active | 2022-04-11 | 2022-04-11 | 2021-11-11 | (100) BATTERY MINERAL RESOURCES LIMITED | 21.71 | SMYTH          | \$ | 400 | \$ | 1,200 | \$ | - | \$ | 106 | 5 | 106 |
| 345292 | Elk Lake | 41P16224  | SCMC | Active | 2022-04-11 | 2022-04-11 | 2021-11-11 | (100) BATTERY MINERAL RESOURCES LIMITED | 21.70 | SMYTH          | \$ | 400 | \$ | 1,000 | \$ | - | \$ | 55  | 5 | 55  |
| 345293 | Elk Lake | 41P16246  | SCMC | Active | 2022-04-11 | 2022-04-11 | 2021-11-11 | (100) BATTERY MINERAL RESOURCES LIMITED | 21.70 | SMYTH          | \$ | 400 | \$ | 1,000 | \$ | - | \$ | 106 | 5 | 106 |
| 458623 | Elk Lake | 41P090152 | BCMC | Active | 2022-04-11 | 2022-04-11 | 2021-11-16 | (100) BATTERY MINERAL RESOURCES LIMITED | 21.73 | TUDHOPE        | \$ | 400 | \$ | 1,200 | \$ | - | \$ | 107 | 5 | 107 |
| 103929 | Elk Lake | 41P090151 | BCMC | Active | 2022-04-11 | 2022-04-19 | 2021-11-19 | (100) BATTERY MINERAL RESOURCES LIMITED | 13.65 | MICKLE         | \$ | 200 | \$ | 600   | \$ | - | \$ | 534 | 5 | 534 |
| 114711 | Elk Lake | 41P090130 | BCMC | Active | 2022-04-19 | 2022-04-19 | 2021-11-19 | (100) BATTERY MINERAL RESOURCES LIMITED | 7.78  | MICKLE         | \$ | 200 | \$ | 600   | \$ | - | \$ | 511 | 5 | 511 |
| 139882 | Elk Lake | 41P090150 | BCMC | Active | 2022-04-19 | 2022-04-19 | 2021-11-19 | (100) BATTERY MINERAL RESOURCES LIMITED | 15.71 | MICKLE         | \$ | 200 | \$ | 600   | \$ | - | \$ | 15  | 5 | 15  |
| 184592 | Elk Lake | 41P090101 | BCMC | Active | 2022-04-19 | 2022-04-19 | 2021-11-19 | (100) BATTERY MINERAL RESOURCES LIMITED | 15.71 | MICKLE         | \$ | 200 | \$ | 600   | \$ | - | \$ | 415 | 5 | 415 |
| 275484 | Elk Lake | 41P090256 | BCMC | Active | 2022-04-19 | 2022-04-19 | 2021-11-19 | (100) BATTERY MINERAL RESOURCES LIMITED | 0.14  | JAMES          | \$ | 200 | \$ | 600   | \$ | - | \$ | 22  | 5 | 22  |
| 275485 | Elk Lake | 41P090255 | BCMC | Active | 2022-04-19 | 2022-04-19 | 2021-11-19 | (100) BATTERY MINERAL RESOURCES LIMITED | 12.93 | JAMES          | \$ | 200 | \$ | 600   | \$ | - | \$ | 179 | 5 | 179 |
| 299055 | Elk Lake | 41P090103 | BCMC | Active | 2022-04-19 | 2022-04-19 | 2021-11-19 | (100) BATTERY MINERAL RESOURCES LIMITED | 21.76 | TUDHOPE        | \$ | 400 | \$ | 1,200 | \$ | - | \$ | 15  | 5 | 15  |
| 100744 | Elk Lake | 41P090359 | SCMC | Active | 2022-05-02 | 2022-05-02 | 2021-12-02 | (100) BATTERY MINERAL RESOURCES LIMITED | 21.74 | TUDHOPE        | \$ | 400 | \$ | 1,200 | \$ | - | \$ | 106 | 5 | 106 |
| 100745 | Elk Lake | 41P090358 | SCMC | Active | 2022-05-02 | 2022-05-02 | 2021-12-02 | (100) BATTERY MINERAL RESOURCES LIMITED | 4.31  | TUDHOPE        | \$ | 200 | \$ | 600   | \$ | - | \$ | 54  | 5 | 54  |
| 101263 | Elk Lake | 41P090396 | BCMC | Active | 2022-05-02 | 2022-05-02 | 2021-12-02 | (100) BATTERY MINERAL RESOURCES LIMITED | 0.91  | WILLET         | \$ | 200 | \$ | 600   | \$ | - | \$ | 54  | 5 | 54  |
| 101264 | Elk Lake | 41P090393 | BCMC | Active | 2022-05-02 | 2022-05-02 | 2021-12-02 | (100) BATTERY MINERAL RESOURCES LIMITED | 21.76 | WILLET         | \$ | 400 | \$ | 1,200 | \$ | - | \$ | 106 | 5 | 106 |
| 101282 | Elk Lake | 41P090194 | SCMC | Active | 2022-05-02 | 2022-05-02 | 2021-12-02 | (100) BATTERY MINERAL RESOURCES LIMITED | 21.76 | WILLET         | \$ | 400 | \$ | 1,200 | \$ | - | \$ | 106 | 5 | 106 |
| 102518 | Elk Lake | 41P090136 | BCMC | Active | 2022-05-02 | 2022-05-02 | 2021-12-02 | (100) BATTERY MINERAL RESOURCES LIMITED | 21.56 | WILLET         | \$ | 200 | \$ | 600   | \$ | - | \$ | 54  | 5 | 54  |
| 102519 | Elk Lake | 41P090135 | BCMC | Active | 2022-05-02 | 2022-05-02 | 2021-12-02 | (100) BATTERY MINERAL RESOURCES LIMITED | 21.76 | WILLET         | \$ | 400 | \$ | 1,200 | \$ | - | \$ | 106 | 5 | 106 |
| 102520 | Elk Lake | 41P090172 | BCMC | Active | 2022-05-02 | 2022-05-02 | 2021-12-02 | (100) BATTERY MINERAL RESOURCES LIMITED | 14.48 | WILLET         | \$ | 200 | \$ | 600   | \$ | - | \$ | 54  | 5 | 54  |
| 105941 | Elk Lake | 41P090138 | SCMC | Active | 2022-05-02 | 2022-05-02 | 2021-12-02 | (100) BATTERY MINERAL RESOURCES LIMITED | 21.72 | TUDHOPE        | \$ | 400 | \$ | 1,200 | \$ | - | \$ | 106 | 5 | 106 |
| 105942 | Elk Lake | 41P090158 | SCMC | Active | 2022-05-02 | 2022-05-02 | 2021-12-02 | (100) BATTERY MINERAL RESOURCES LIMITED | 21.72 | TUDHOPE        | \$ | 200 | \$ | 600   | \$ | - | \$ | 106 | 5 | 106 |
| 114608 | Elk Lake | 41P090389 | BCMC | Active | 2022-05-02 | 2022-05-02 | 2021-12-02 | (100) BATTERY MINERAL RESOURCES LIMITED | 19.98 | BARBER,TUDHOPE | \$ | 200 | \$ | 600   | \$ | - | \$ | 74  | 5 | 74  |
| 116028 | Elk Lake | 41P090332 | BCMC | Active | 2022-05-02 | 2022-05-02 | 2021-12-02 | (100) BATTERY MINERAL RESOURCES LIMITED | 9.77  | JAMES          | \$ | 200 | \$ | 600   | \$ | - | \$ | 22  | 5 | 22  |
| 117750 | Elk Lake | 41P090112 | BCMC | Active | 2022-05-02 | 2022-05-02 | 2021-12-02 | (100) BATTERY MINERAL RESOURCES LIMITED | 5.66  | WILLET         | \$ | 200 | \$ | 600   | \$ | - | \$ | 54  | 5 | 54  |
| 117861 | Elk Lake | 41P090156 | BCMC | Active | 2022-05-02 | 2022-05-02 | 2021-12-02 | (100) BATTERY MINERAL RESOURCES LIMITED | 21.36 | WILLET         | \$ | 200 | \$ | 600   | \$ | - | \$ | 54  | 5 | 54  |
| 115978 | Elk Lake | 41P090302 | SCMC | Active | 2022-05-02 | 2022-05-02 | 2021-12-02 | (100) BATTERY MINERAL RESOURCES LIMITED | 21.74 | TUDHOPE        | \$ | 200 | \$ | 600   | \$ | - | \$ | 106 | 5 | 106 |
| 119971 | Elk Lake | 41P090159 | SCMC | Active | 2022-05-02 | 2022-05-02 | 2021-12-02 | (100) BATTERY MINERAL RESOURCES LIMITED | 21.72 | TUDHOPE        | \$ | 200 | \$ | 600   | \$ | - | \$ | 106 | 5 | 106 |
| 123779 | Elk Lake | 41P090355 | SCMC | Active | 2022-05-02 | 2022-05-02 | 2021-12-02 | (100) BATTERY MINERAL RESOURCES LIMITED | 3.68  | WILLET         | \$ | 200 | \$ | 600   | \$ | - | \$ | 22  | 5 | 22  |
| 123780 | Elk Lake | 41P090190 | BCMC | Active | 2022-05-02 | 2022-05-02 | 2021-12-02 | (100) BATTERY MINERAL RESOURCES LIMITED | 0.03  | BARBER,WILLET  | \$ | 200 | \$ | 600   | \$ | - | \$ | 34  | 5 | 34  |
| 123781 | Elk Lake | 41P090117 | BCMC | Active | 2022-05-02 | 2022-05-02 | 2021-12-02 | (100) BATTERY MINERAL RESOURCES LIMITED | 0.03  | BARBER,WILLET  | \$ | 200 | \$ | 600   | \$ | - | \$ | 54  | 5 | 54  |
| 123788 | Elk Lake | 41P090174 | SCMC | Active | 2022-05-02 | 2022-05-02 | 2021-12-02 | (100) BATTERY MINERAL RESOURCES LIMITED | 21.76 | WILLET         | \$ | 400 | \$ | 1,200 | \$ | - | \$ | 106 | 5 | 106 |
| 123799 | Elk Lake | 41P090196 | SCMC | Active | 2022-05-02 | 2022-05-02 | 2021-12-02 | (100) BATTERY MINERAL RESOURCES LIMITED | 21.76 | WILLET         | \$ | 400 | \$ | 1,200 | \$ | - | \$ | 106 | 5 | 106 |
| 126355 | Elk Lake | 41P090381 | BCMC | Active | 2022-05-02 | 2022-05-02 | 2021-12-02 | (100) BATTERY MINERAL RESOURCES LIMITED | 21.76 | WILLET         | \$ | 200 | \$ | 600   | \$ | - | \$ | 74  | 5 | 74  |
| 128467 | Elk Lake | 41P090325 | SCMC | Active | 2022-05    |            |            |   |       |                |    |     |    |       |    |   |    |     |   |     |

|        |         |          |      |        |            |            |            |  |       |                |    |     |    |       |    |   |    |        |   |        |
|--------|---------|----------|------|--------|------------|------------|------------|--|-------|----------------|----|-----|----|-------|----|---|----|--------|---|--------|
| 208579 | Ek Lake | 41904025 | SCMC | Active | 2022-05-07 | 2022-05-07 | 2021-12-07 | (100) BATTERY MINERAL RESOURCES LIMITED                              | 21.71 | MICKLE         | \$ | 400 | \$ | 1,300 | \$ | - | \$ | 43     | 5 | 43     |
| 207331 | Ek Lake | 41909046 | SCMC | Active | 2022-05-07 | 2022-05-07 | 2021-12-07 | (100) BATTERY MINERAL RESOURCES LIMITED                              | 21.72 | MICKLE         | \$ | 400 | \$ | 1,200 | \$ | - | \$ | 43     | 5 | 43     |
| 403896 | Ek Lake | 41916088 | SCMC | Active | 2022-05-07 | 2022-05-07 | 2021-12-07 | (100) BATTERY MINERAL RESOURCES LIMITED                              | 21.72 | MICKLE         | \$ | 400 | \$ | 1,200 | \$ | - | \$ | 42     | 5 | 42     |
| 311771 | Ek Lake | 41909027 | BCMC | Active | 2022-05-07 | 2022-05-07 | 2021-12-07 | (100) BATTERY MINERAL RESOURCES LIMITED                              | 7.96  | MICKLE         | \$ | 200 | \$ | 600   | \$ | - | \$ | 22     | 5 | 22     |
| 324005 | Ek Lake | 41909005 | SCMC | Active | 2022-05-07 | 2022-05-07 | 2021-12-07 | (100) BATTERY MINERAL RESOURCES LIMITED                              | 21.71 | MICKLE         | \$ | 400 | \$ | 1,200 | \$ | - | \$ | 43     | 5 | 43     |
| 125150 | Ek Lake | 41904016 | SCMC | Active | 2022-05-15 | 2022-05-15 | 2021-12-15 | (100) BATTERY MINERAL RESOURCES LIMITED                              | 21.71 | JAMES TUDHOPE  | \$ | 400 | \$ | 1,200 | \$ | - | \$ | 54     | 5 | 54     |
| 117309 | Ek Lake | 41916388 | SCMC | Active | 2022-05-15 | 2022-05-15 | 2021-12-15 | (100) BATTERY MINERAL RESOURCES LIMITED                              | 21.71 | JAMES TUDHOPE  | \$ | 400 | \$ | 1,200 | \$ | - | \$ | 107    | 5 | 107    |
| 189070 | Ek Lake | 41916397 | SCMC | Active | 2022-05-15 | 2022-05-15 | 2021-12-15 | (100) BATTERY MINERAL RESOURCES LIMITED                              | 21.71 | TUDHOPE        | \$ | 400 | \$ | 400   | \$ | - | \$ | 107    | 5 | 107    |
| 306353 | Ek Lake | 41916377 | SCMC | Active | 2022-05-15 | 2022-05-15 | 2021-12-15 | (100) BATTERY MINERAL RESOURCES LIMITED                              | 21.71 | TRUAX TUDHOPE  | \$ | 400 | \$ | 400   | \$ | - | \$ | 106    | 5 | 106    |
| 423609 | BATTERY | 41916379 | SCMC | Active | 2022-05-15 | 2022-05-15 | 2021-12-15 | (100) BATTERY MINERAL RESOURCES LIMITED                              | 21.71 | TRUAX TUDHOPE  | \$ | 400 | \$ | 400   | \$ | - | \$ | 106    | 5 | 106    |
| 100026 | Ek Lake | 41909103 | SCMC | Active | 2022-05-16 | 2022-05-16 | 2021-12-16 | (100) BATTERY MINERAL RESOURCES LIMITED                              | 21.76 | WILLET         | \$ | 400 | \$ | 1,200 | \$ | - | \$ | 106    | 5 | 106    |
| 154245 | Ek Lake | 41909063 | SCMC | Active | 2022-05-16 | 2022-05-16 | 2021-12-16 | (100) BATTERY MINERAL RESOURCES LIMITED                              | 21.75 | WILLET         | \$ | 400 | \$ | 1,200 | \$ | - | \$ | 106    | 5 | 106    |
| 770804 | Ek Lake | 41909024 | BCMC | Active | 2022-05-16 | 2022-05-16 | 2021-12-16 | (100) BATTERY MINERAL RESOURCES LIMITED                              | 2.56  | WILLET         | \$ | 200 | \$ | 600   | \$ | - | \$ | 54     | 5 | 54     |
| 200082 | Ek Lake | 41909083 | SCMC | Active | 2022-05-16 | 2022-05-16 | 2021-12-16 | (100) BATTERY MINERAL RESOURCES LIMITED                              | 21.75 | WILLET         | \$ | 400 | \$ | 1,200 | \$ | - | \$ | 107    | 5 | 107    |
| 200083 | Ek Lake | 41909105 | BCMC | Active | 2022-05-16 | 2022-05-16 | 2021-12-16 | (100) BATTERY MINERAL RESOURCES LIMITED                              | 0.03  | WILLET         | \$ | 200 | \$ | 600   | \$ | - | \$ | 54     | 5 | 54     |
| 220196 | Ek Lake | 41909044 | BCMC | Active | 2022-05-16 | 2022-05-16 | 2021-12-16 | (100) BATTERY MINERAL RESOURCES LIMITED                              | 5.29  | WILLET         | \$ | 200 | \$ | 600   | \$ | - | \$ | 54     | 5 | 54     |
| 220197 | Ek Lake | 41909064 | BCMC | Active | 2022-05-16 | 2022-05-16 | 2021-12-16 | (100) BATTERY MINERAL RESOURCES LIMITED                              | 5.28  | WILLET         | \$ | 200 | \$ | 600   | \$ | - | \$ | 54     | 5 | 54     |
| 220198 | Ek Lake | 41909084 | SCMC | Active | 2022-05-16 | 2022-05-16 | 2021-12-16 | (100) BATTERY MINERAL RESOURCES LIMITED                              | 21.75 | WILLET         | \$ | 400 | \$ | 1,200 | \$ | - | \$ | 107    | 5 | 107    |
| 220199 | Ek Lake | 41909104 | SCMC | Active | 2022-05-16 | 2022-05-16 | 2021-12-16 | (100) BATTERY MINERAL RESOURCES LIMITED                              | 21.76 | WILLET         | \$ | 400 | \$ | 1,200 | \$ | - | \$ | 107    | 5 | 107    |
| 220971 | Ek Lake | 41909085 | SCMC | Active | 2022-05-16 | 2022-05-16 | 2021-12-16 | (100) BATTERY MINERAL RESOURCES LIMITED                              | 1.72  | WILLET         | \$ | 200 | \$ | 600   | \$ | - | \$ | 54     | 5 | 54     |
| 302577 | Ek Lake | 41909023 | BCMC | Active | 2022-05-16 | 2022-05-16 | 2021-12-16 | (100) BATTERY MINERAL RESOURCES LIMITED                              | 21.71 | WILLET         | \$ | 400 | \$ | 1,200 | \$ | - | \$ | 106    | 5 | 106    |
| 302578 | Ek Lake | 41909065 | BCMC | Active | 2022-05-16 | 2022-05-16 | 2021-12-16 | (100) BATTERY MINERAL RESOURCES LIMITED                              | 1.46  | WILLET         | \$ | 200 | \$ | 600   | \$ | - | \$ | 54     | 5 | 54     |
| 320279 | Ek Lake | 41909043 | SCMC | Active | 2022-05-16 | 2022-05-16 | 2021-12-16 | (100) BATTERY MINERAL RESOURCES LIMITED                              | 21.75 | WILLET         | \$ | 400 | \$ | 1,200 | \$ | - | \$ | 106    | 5 | 106    |
| 117303 | Ek Lake | 41909044 | BCMC | Active | 2022-06-04 | 2022-06-04 | 2022-01-04 | (100) BATTERY MINERAL RESOURCES LIMITED                              | 0.19  | JAMES          | \$ | 200 | \$ | 600   | \$ | - | \$ | 565    | 5 | 565    |
| 21829  | Ek Lake | 41909024 | BCMC | Active | 2022-06-04 | 2022-06-04 | 2022-01-04 | (100) BATTERY MINERAL RESOURCES LIMITED                              | 0.14  | JAMES          | \$ | 200 | \$ | 600   | \$ | - | \$ | 15     | 5 | 15     |
| 104622 | Ek Lake | 41916881 | SCMC | Active | 2022-06-05 | 2022-06-05 | 2022-01-05 | (100) BATTERY MINERAL RESOURCES LIMITED                              | 21.71 | TUDHOPE        | \$ | 400 | \$ | 400   | \$ | - | \$ | 402    | 5 | 402    |
| 114335 | Ek Lake | 41916247 | BCMC | Active | 2022-06-05 | 2022-06-05 | 2022-01-05 | (40) SUNVEST MINERALS CORP., (60) BATTERY MINERAL RESOURCES LIMITED  | 1.04  | FARR           | \$ | 200 | \$ | 200   | \$ | - | \$ | 2,717  | 5 | 2,717  |
| 157739 | Ek Lake | 41909039 | SCMC | Active | 2022-06-05 | 2022-06-05 | 2022-01-05 | (100) BATTERY MINERAL RESOURCES LIMITED                              | 21.71 | TUDHOPE        | \$ | 400 | \$ | 400   | \$ | - | \$ | 202    | 5 | 202    |
| 161255 | Ek Lake | 41916286 | BCMC | Active | 2022-06-05 | 2022-06-05 | 2022-01-05 | (40) SUNVEST MINERALS CORP., (60) BATTERY MINERAL RESOURCES LIMITED  | 4.23  | FARR           | \$ | 200 | \$ | -     | \$ | - | \$ | 771    | 5 | 771    |
| 163824 | Ek Lake | 41916832 | SCMC | Active | 2022-06-05 | 2022-06-05 | 2022-01-05 | (100) BATTERY MINERAL RESOURCES LIMITED                              | 21.71 | TRUAX TUDHOPE  | \$ | 200 | \$ | 200   | \$ | - | \$ | 211    | 5 | 211    |
| 173851 | Ek Lake | 41909023 | SCMC | Active | 2022-06-05 | 2022-06-05 | 2022-01-05 | (100) BATTERY MINERAL RESOURCES LIMITED                              | 21.71 | TUDHOPE        | \$ | 400 | \$ | 400   | \$ | - | \$ | 43     | 5 | 43     |
| 231082 | Ek Lake | 41909001 | SCMC | Active | 2022-06-05 | 2022-06-05 | 2022-01-05 | (100) BATTERY MINERAL RESOURCES LIMITED                              | 21.71 | TUDHOPE        | \$ | 400 | \$ | 400   | \$ | - | \$ | 402    | 5 | 402    |
| 242278 | Ek Lake | 41916861 | BCMC | Active | 2022-06-05 | 2022-06-05 | 2022-01-05 | (100) BATTERY MINERAL RESOURCES LIMITED                              | 21.71 | TRUAX TUDHOPE  | \$ | 200 | \$ | 200   | \$ | - | \$ | 163    | 5 | 163    |
| 269257 | Ek Lake | 41916266 | BCMC | Active | 2022-06-05 | 2022-06-05 | 2022-01-05 | (40) SUNVEST MINERALS CORP., (60) BATTERY MINERALS RESOURCES LIMITED | 15.39 | FARR           | \$ | 200 | \$ | 200   | \$ | - | \$ | 72,467 | 5 | 72,467 |
| 275017 | Ek Lake | 41916380 | SCMC | Active | 2022-06-05 | 2022-06-05 | 2022-01-05 | (100) BATTERY MINERAL RESOURCES LIMITED                              | 21.71 | TUDHOPE        | \$ | 400 | \$ | 400   | \$ | - | \$ | 202    | 5 | 202    |
| 278323 | Ek Lake | 41909022 | SCMC | Active | 2022-06-05 | 2022-06-05 | 2022-01-05 | (100) BATTERY MINERAL RESOURCES LIMITED                              | 21.71 | TUDHOPE        | \$ | 400 | \$ | 400   | \$ | - | \$ | 402    | 5 | 402    |
| 279093 | Ek Lake | 41916832 | SCMC | Active | 2022-06-05 | 2022-06-05 | 2022-01-05 | (100) BATTERY MINERAL RESOURCES LIMITED                              | 21.71 | TUDHOPE        | \$ | 400 | \$ | 400   | \$ | - | \$ | 43     | 5 | 43     |
| 293139 | Ek Lake | 41909042 | SCMC | Active | 2022-06-05 | 2022-06-05 | 2022-01-05 | (100) BATTERY MINERAL RESOURCES LIMITED                              | 21.72 | TUDHOPE        | \$ | 400 | \$ | 200   | \$ | - | \$ | 73     | 5 | 73     |
| 309774 | Ek Lake | 41916281 | BCMC | Active | 2022-06-05 | 2022-06-05 | 2022-01-05 | (40) SUNVEST MINERALS CORP., (60) BATTERY MINERAL RESOURCES LIMITED  | 6.95  | FARR           | \$ | 200 | \$ | -     | \$ | - | \$ | 1,396  | 5 | 1,396  |
| 316674 | Ek Lake | 41916246 | BCMC | Active | 2022-06-05 | 2022-06-05 | 2022-01-05 | (40) SUNVEST MINERALS CORP., (60) BATTERY MINERAL RESOURCES LIMITED  | 6.95  | FARR           | \$ | 200 | \$ | -     | \$ | - | \$ | 40,758 | 5 | 40,758 |
| 329194 | Ek Lake | 41916267 | BCMC | Active | 2022-06-05 | 2022-06-05 | 2022-01-05 | (40) SUNVEST MINERALS CORP., (60) BATTERY MINERALS RESOURCES LIMITED | 2.39  | FARR           | \$ | 200 | \$ | 200   | \$ | - | \$ | 31,280 | 5 | 31,280 |
| 335440 | Ek Lake | 41916226 | BCMC | Active | 2022-06-05 | 2022-06-05 | 2022-01-05 | (40) SUNVEST MINERALS CORP., (60) BATTERY MINERALS RESOURCES LIMITED | 4.65  | TRUAX TUDHOPE  | \$ | 200 | \$ | 200   | \$ | - | \$ | 302    | 5 | 302    |
| 166144 | Ek Lake | 41916226 | BCMC | Active | 2022-06-06 | 2022-06-06 | 2022-01-06 | (40) SUNVEST MINERALS CORP., (60) BATTERY MINERALS RESOURCES LIMITED | 4.65  | FARR           | \$ | 200 | \$ | 600   | \$ | - | \$ | 1,275  | 5 | 1,275  |
| 195432 | Ek Lake | 41916246 | BCMC | Active | 2022-06-06 | 2022-06-06 | 2022-01-06 | (40) SUNVEST MINERALS CORP., (60) BATTERY MINERALS RESOURCES LIMITED | 9.56  | FARR           | \$ | 200 | \$ | 600   | \$ | - | \$ | 819    | 5 | 819    |
| 332322 | Ek Lake | 41916227 | BCMC | Active | 2022-06-06 | 2022-06-06 | 2022-01-06 | (40) SUNVEST MINERALS CORP., (60) BATTERY MINERALS RESOURCES LIMITED | 0.60  | FARR           | \$ | 200 | \$ | 600   | \$ | - | \$ | 2      | 5 | 2      |
| 125745 | Ek Lake | 41916380 | SCMC | Active | 2022-06-08 | 2022-06-08 | 2022-01-08 | (100) BATTERY MINERAL RESOURCES LIMITED                              | 21.72 | TUDHOPE        | \$ | 400 | \$ | 400   | \$ | - | \$ | 282    | 5 | 282    |
| 153719 | Ek Lake | 41909059 | SCMC | Active | 2022-06-08 | 2022-06-08 | 2022-01-08 | (100) BATTERY MINERAL RESOURCES LIMITED                              | 21.72 | TUDHOPE        | \$ | 400 | \$ | 400   | \$ | - | \$ | 284    | 5 | 284    |
| 163825 | Ek Lake | 41909021 | SCMC | Active | 2022-06-08 | 2022-06-08 | 2022-01-08 | (100) BATTERY MINERAL RESOURCES LIMITED                              | 21.71 | TUDHOPE        | \$ | 400 | \$ | 400   | \$ | - | \$ | 203    | 5 | 203    |
| 163860 | Ek Lake | 41909017 | SCMC | Active | 2022-06-08 | 2022-06-08 | 2022-01-08 | (100) BATTERY MINERAL RESOURCES LIMITED                              | 21.71 | TUDHOPE        | \$ | 400 | \$ | 400   | \$ | - | \$ | 638    | 5 | 638    |
| 163961 | Ek Lake | 41909038 | SCMC | Active | 2022-06-08 | 2022-06-08 | 2022-01-08 | (100) BATTERY MINERAL RESOURCES LIMITED                              | 21.71 | TUDHOPE        | \$ | 400 | \$ | 400   | \$ | - | \$ | 3      | 5 | 3      |
| 171629 | Ek Lake | 41909018 | SCMC | Active | 2022-06-08 | 2022-06-08 | 2022-01-08 | (100) BATTERY MINERAL RESOURCES LIMITED                              | 21.71 | TUDHOPE        | \$ | 400 | \$ | 400   | \$ | - | \$ | 6,460  | 5 | 6,460  |
| 184044 | Ek Lake | 41909039 | SCMC | Active | 2022-06-08 | 2022-06-08 | 2022-01-08 | (100) BATTERY MINERAL RESOURCES LIMITED                              | 21.71 | TUDHOPE        | \$ | 400 | \$ | 400   | \$ | - | \$ | 6,395  | 5 | 6,395  |
| 189608 | Ek Lake | 41909023 | SCMC | Active | 2022-06-08 | 2022-06-08 | 2022-01-08 | (100) BATTERY MINERAL RESOURCES LIMITED                              | 21.72 | TUDHOPE        | \$ | 400 | \$ | 400   | \$ | - | \$ | 147    | 5 | 147    |
| 274236 | Ek Lake | 41909041 | SCMC | Active | 2022-06-08 | 2022-06-08 | 2022-01-08 | (100) BATTERY MINERAL RESOURCES LIMITED                              | 21.72 | TUDHOPE        | \$ | 400 | \$ | 400   | \$ | - | \$ | 147    | 5 | 147    |
| 278324 | Ek Lake | 41909040 | SCMC | Active | 2022-06-08 | 2022-06-08 | 2022-01-08 | (100) BATTERY MINERAL RESOURCES LIMITED                              | 21.71 | TUDHOPE        | \$ | 400 | \$ | 400   | \$ | - | \$ | 402    | 5 | 402    |
| 316140 | Ek Lake | 41909043 | SCMC | Active | 2022-06-08 | 2022-06-08 | 2022-01-08 | (100) BATTERY MINERAL RESOURCES LIMITED                              | 21.72 | TUDHOPE        | \$ | 400 | \$ | 400   | \$ | - | \$ | 406    | 5 | 406    |
| 345262 | Ek Lake | 41909060 | SCMC | Active | 2022-06-08 | 2022-06-08 | 2022-01-08 | (100) BATTERY MINERAL RESOURCES LIMITED                              | 21.72 | TUDHOPE        | \$ | 400 | \$ | 400   | \$ | - | \$ | 146    | 5 | 146    |
| 100051 | Ek Lake | 41909260 | SCMC | Active | 2022-06-13 | 2022-06-13 | 2022-01-13 | (100) BATTERY MINERAL RESOURCES LIMITED                              | 21.77 | BARBER         | \$ | 400 | \$ | 1,200 | \$ | - | \$ | 2      | 5 | 2      |
| 100052 | Ek Lake | 41909262 | SCMC | Active | 2022-06-13 | 2022-06-13 | 2022-01-13 | (100) BATTERY MINERAL RESOURCES LIMITED                              | 21.77 | BARBER         | \$ | 400 | \$ | 1,200 | \$ | - | \$ | 2      | 5 | 2      |
| 100075 | Ek Lake | 41909123 | SCMC | Active | 2022-06-13 | 2022-06-13 | 2022-01-13 | (100) BATTERY MINERAL RESOURCES LIMITED                              | 21.77 | BARBER         | \$ | 400 | \$ | 1,200 | \$ | - | \$ | 2      | 5 | 2      |
| 100083 | Ek Lake | 41909355 | SCMC | Active | 2022-06-13 | 2022-06-13 | 2022-01-13 | (100) BATTERY MINERAL RESOURCES LIMITED                              | 21.78 | WILLET         | \$ | 400 | \$ | 1,200 | \$ | - | \$ | 2      | 5 | 2      |
| 100084 | Ek Lake | 41909218 | SCMC | Active | 2022-06-13 | 2022-06-13 | 2022-01-13 | (100) BATTERY MINERAL RESOURCES LIMITED                              | 21.76 | BARBER         | \$ | 400 | \$ | 1,200 | \$ | - | \$ | 2      | 5 | 2      |
| 100085 | Ek Lake | 41909257 | SCMC | Active | 2022-06-13 | 2022-06-13 | 2022-01-13 | (100) BATTERY MINERAL RESOURCES LIMITED                              | 21.77 | BARBER, WILLET | \$ | 400 | \$ | 1,200 | \$ | - | \$ | 2      | 5 | 2      |
| 100104 | Ek Lake | 41909303 | SCMC | Active | 2022-06-13 | 2022-06-13 | 2022-01-13 | (100) BATTERY MINERAL RESOURCES LIMITED                              | 21.77 | BARBER         | \$ | 400 | \$ | 1,200 | \$ | - | \$ | 2      | 5 | 2      |
| 100126 | Ek Lake | 41909379 |      |        |            |            |            |  |       |                |    |     |    |       |    |   |    |        |   |        |











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 MINERALS RESOURCES  
 THE PACIFIC BUILDING  
 SUITE 400, 744 WEST HASTINGS STREET  
 VANCOUVER BC V6C 1A5

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 Plus Appendix Pages  
 Finalized Date: 22-MAR-2021  
 Account: BMRPLLBW

**CERTIFICATE SD21034329**

Project: Elk Lake –Cotley  
 P.O. No.: AGSC11030  
 This report is for 28 samples of Drill Core submitted to our lab in Sudbury, ON, Canada on 12-FEB-2021.  
 The following have access to data associated with this certificate:

|  |                                   |                             |
|--|-----------------------------------|-----------------------------|
| PETER DOYLE<br>NICO KASTEK<br>RYAN WELLS | MIKE HENDRICKSON<br>FRANK PLOEGER | SEAN HICKS<br>STEVE TRIMMER |
|--|-----------------------------------|-----------------------------|

| SAMPLE PREPARATION |                                 |
|--------------------|---------------------------------|
| ALS CODE           | DESCRIPTION                     |
| WEI-21             | Received Sample Weight          |
| CRU-QC             | Crushing QC Test                |
| PUL-QC             | Pulverizing QC Test             |
| LOG-22             | Sample login – Rcd w/o BarCode  |
| CRU-31             | Fine crushing – 70% <2mm        |
| SPL-21             | Split sample – riffle splitter  |
| PUL-31             | Pulverize up to 250g 85% <75 um |
| LOG-23             | Pulp Login – Rcvd with Barcode  |

| ANALYTICAL PROCEDURES |                                |            |
|-----------------------|--------------------------------|------------|
| ALS CODE              | DESCRIPTION                    | INSTRUMENT |
| ME-MS61               | 48 element four acid ICP-MS    |            |
| ME-OG62               | Ore Grade Elements – Four Acid | ICP-AES    |
| Cu-OG62               | Ore Grade Cu – Four Acid       |            |
| Ni-OG62               | Ore Grade Ni – Four Acid       |            |

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:   
 Saa Traxler, General Manager, North Vancouver



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 Account: BMRPLLBW

**CERTIFICATE OF ANALYSIS SD21034329**

| Sample Description | Method Analyte Units LOD | WEI-21          | ME-MS61   | ME-MS61 | ME-MS61   | ME-MS61   | ME-MS61   | ME-MS61   | ME-MS61 | ME-MS61   | ME-MS61   | ME-MS61   | ME-MS61   | ME-MS61   | ME-MS61   | ME-MS61 |
|--------------------|--------------------------|-----------------|-----------|---------|-----------|-----------|-----------|-----------|---------|-----------|-----------|-----------|-----------|-----------|-----------|---------|
|                    |                          | Recvd Wt.<br>kg | Ag<br>ppm | Al<br>% | As<br>ppm | Ba<br>ppm | Be<br>ppm | Bi<br>ppm | Ca<br>% | Cd<br>ppm | Ce<br>ppm | Co<br>ppm | Cr<br>ppm | Cs<br>ppm | Cu<br>ppm | Fe<br>% |
|                    |                          | 0.02            | 0.01      | 0.01    | 0.2       | 10        | 0.05      | 0.01      | 0.01    | 0.02      | 0.01      | 0.1       | 1         | 0.05      | 0.2       | 0.01    |
| 18858              |                          | 0.87            | 0.37      | 6.05    | 29.2      | 350       | 0.98      | 0.05      | 2.62    | 0.04      | 43.8      | 39.3      | 7         | 1.80      | 17.7      | 11.15   |
| 18859              |                          | 1.35            | 1.06      | 5.93    | 26.8      | 370       | 1.00      | 0.05      | 2.21    | 0.09      | 48.5      | 34.6      | 4         | 1.67      | 16.0      | 10.25   |
| 18860              |                          | 0.60            | 0.59      | 5.89    | 24.4      | 560       | 1.19      | 0.06      | 2.07    | 0.68      | 54.9      | 28.2      | 4         | 1.45      | 16.4      | 9.63    |
| 18861              |                          | 0.84            | 0.62      | 6.05    | 22.5      | 550       | 1.36      | 0.21      | 2.01    | 0.07      | 64.8      | 24.6      | 4         | 0.91      | 5.0       | 8.37    |
| 18862              |                          | 1.03            | 0.82      | 5.99    | 18.3      | 550       | 1.68      | 0.40      | 1.84    | 0.21      | 56.7      | 19.3      | 4         | 0.99      | 4.5       | 6.58    |
| 18863              |                          | 0.91            | 1.14      | 5.78    | 19.0      | 850       | 1.47      | 0.21      | 1.66    | 0.13      | 55.9      | 18.0      | 7         | 1.54      | 7.5       | 7.37    |
| 18864              |                          | 0.80            | 1.06      | 5.85    | 18.7      | 660       | 1.55      | 0.11      | 1.42    | 0.03      | 66.2      | 14.4      | 8         | 1.73      | 8.8       | 7.37    |
| 18865              |                          | 1.39            | 0.88      | 5.96    | 19.3      | 570       | 1.43      | 0.06      | 1.22    | <0.02     | 57.2      | 13.7      | 8         | 1.64      | 6.2       | 7.73    |
| 18866              |                          | 1.03            | 1.10      | 5.87    | 18.0      | 550       | 1.44      | 0.07      | 1.37    | <0.02     | 65.1      | 12.4      | 8         | 1.79      | 7.2       | 7.80    |
| 18867              |                          | 0.97            | 1.14      | 5.76    | 21.5      | 530       | 1.47      | 0.08      | 1.57    | <0.02     | 41.4      | 16.1      | 7         | 2.18      | 7.1       | 8.20    |
| 18868              |                          | 0.89            | 0.50      | 6.17    | 18.3      | 610       | 1.36      | 0.05      | 1.48    | 0.03      | 84.7      | 13.3      | 4         | 2.18      | 8.6       | 7.99    |
| 18869              |                          | 2.12            | 0.49      | 6.38    | 22.7      | 370       | 1.22      | 0.03      | 3.11    | 0.02      | 45.0      | 36.1      | 4         | 1.70      | 18.3      | 10.30   |
| 18870              |                          | 0.89            | 0.55      | 6.51    | 20.5      | 210       | 0.72      | 0.06      | 3.46    | 1.36      | 29.4      | 55.0      | 1         | 0.60      | 54.0      | 13.05   |
| 18871              |                          | 0.90            | 0.43      | 6.46    | 17.2      | 180       | 0.75      | 0.06      | 3.67    | 1.44      | 23.9      | 52.3      | 1         | 0.54      | 52.5      | 12.80   |
| 18872              |                          | 0.98            | 0.36      | 6.57    | 18.1      | 210       | 0.77      | 0.06      | 3.81    | 0.12      | 26.9      | 63.3      | 1         | 0.58      | 30.9      | 12.55   |
| 18873              |                          | 0.86            | 0.49      | 6.65    | 16.8      | 190       | 0.82      | 0.06      | 3.70    | 0.48      | 29.4      | 58.4      | <1        | 0.52      | 55.4      | 13.05   |
| 18874              |                          | 0.74            | 0.45      | 6.69    | 17.0      | 160       | 0.86      | 0.06      | 3.57    | 0.47      | 28.3      | 55.1      | 1         | 0.47      | 61.5      | 13.00   |
| 18875              |                          | 0.69            | 0.52      | 6.73    | 17.6      | 180       | 0.90      | 0.08      | 2.60    | 0.56      | 28.9      | 53.7      | 1         | 0.51      | 173.0     | 13.50   |
| 18876              |                          | 0.63            | 0.90      | 6.52    | 19.0      | 210       | 0.97      | 0.10      | 2.86    | 3.33      | 32.9      | 50.4      | <1        | 0.53      | 633       | 13.10   |
| 18877              |                          | 0.97            | 0.43      | 6.80    | 17.5      | 200       | 0.86      | 0.05      | 3.69    | 1.43      | 28.5      | 58.7      | 1         | 0.51      | 50.1      | 12.75   |
| 18878              |                          | 0.28            | 0.35      | 6.50    | 20.7      | 250       | 0.64      | 0.06      | 4.45    | 0.20      | 26.3      | 61.8      | 1         | 0.55      | 48.5      | 13.40   |
| 18879              |                          | 0.70            | 2.14      | 6.33    | 17.3      | 610       | 1.53      | 0.19      | 1.44    | 0.28      | 71.1      | 18.1      | 4         | 0.82      | 10.2      | 6.67    |
| 18880              |                          | 0.59            | 1.63      | 6.40    | 15.7      | 570       | 1.54      | 0.22      | 1.44    | 0.30      | 76.6      | 16.4      | 5         | 0.83      | 9.8       | 6.96    |
| 18881              |                          | 0.12            | 4.35      | 5.73    | 13.3      | 120       | 0.54      | 0.88      | 3.50    | 2.13      | 17.50     | 1020      | 277       | 0.74      | >10000    | 18.35   |
| 18882              |                          | 1.83            | 0.13      | 7.37    | 2.1       | 190       | 0.59      | 0.04      | 5.77    | 0.16      | 21.1      | 39.1      | 6         | 0.47      | 54.9      | 8.01    |
| 18883              |                          | 0.89            | 0.12      | 7.36    | 1.9       | 220       | 0.52      | 0.04      | 5.74    | 0.11      | 21.4      | 42.0      | 6         | 0.42      | 67.2      | 8.28    |
| 18884              |                          | 0.57            | 0.14      | 7.89    | 2.0       | 190       | 0.58      | 0.04      | 4.62    | 2.85      | 20.8      | 44.9      | 5         | 0.48      | 92.9      | 8.76    |
| 18885              |                          | 1.11            | 0.15      | 7.43    | 2.4       | 250       | 0.53      | 0.05      | 5.76    | 0.41      | 21.5      | 44.0      | 6         | 0.51      | 82.9      | 8.61    |



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 Plus Appendix Pages  
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 Account: BMRPLLBW

**CERTIFICATE OF ANALYSIS SD21034329**

| Sample Description | Method Analyte Units LOD | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 |       |
|--------------------|--------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-------|
|                    |                          | Ga      | Ge      | Hf      | In      | K       | La      | Li      | Mg      | Mn      | Mo      | Na      | Nb      | Ni      | P       | Pb    |
|                    |                          | ppm     | ppm     | ppm     | ppm     | %       | ppm     | ppm     | %       | ppm     | ppm     | %       | ppm     | ppm     | ppm     | ppm   |
|                    |                          | 0.05    | 0.05    | 0.1     | 0.005   | 0.01    | 0.5     | 0.2     | 0.01    | 5       | 0.05    | 0.01    | 0.1     | 0.2     | 10      | 0.5   |
| 18858              |                          | 22.5    | 0.08    | 4.2     | 0.114   | 1.11    | 20.9    | 17.8    | 1.51    | 1580    | 2.15    | 3.06    | 7.7     | 3.2     | 720     | 11.5  |
| 18859              |                          | 20.8    | 0.09    | 4.6     | 0.103   | 1.22    | 22.9    | 16.2    | 1.25    | 1460    | 1.46    | 3.00    | 7.3     | 1.5     | 750     | 15.9  |
| 18860              |                          | 22.2    | 0.09    | 5.1     | 0.132   | 1.43    | 25.9    | 16.6    | 1.16    | 1520    | 2.12    | 2.89    | 8.7     | 0.5     | 830     | 20.8  |
| 18861              |                          | 21.7    | 0.11    | 6.0     | 0.165   | 1.24    | 30.3    | 11.5    | 0.90    | 1400    | 1.81    | 3.80    | 10.4    | 0.3     | 890     | 9.5   |
| 18862              |                          | 21.0    | 0.11    | 6.6     | 0.159   | 1.32    | 26.2    | 12.0    | 0.63    | 1080    | 1.36    | 3.93    | 11.2    | 0.8     | 1190    | 14.8  |
| 18863              |                          | 21.1    | 0.11    | 6.4     | 0.142   | 1.54    | 24.6    | 9.8     | 0.38    | 1270    | 1.44    | 3.48    | 11.0    | 1.3     | 1150    | 6.4   |
| 18864              |                          | 21.7    | 0.12    | 6.8     | 0.117   | 1.51    | 30.9    | 8.6     | 0.27    | 1190    | 1.67    | 3.54    | 10.7    | 2.3     | 960     | 4.1   |
| 18865              |                          | 22.0    | 0.10    | 6.7     | 0.095   | 1.44    | 25.2    | 9.5     | 0.23    | 1150    | 1.70    | 3.59    | 11.4    | 2.7     | 870     | 3.3   |
| 18866              |                          | 21.1    | 0.11    | 6.8     | 0.108   | 1.65    | 29.9    | 8.6     | 0.22    | 1180    | 1.54    | 3.40    | 11.2    | 0.3     | 930     | 3.3   |
| 18867              |                          | 20.8    | 0.09    | 6.3     | 0.117   | 1.36    | 18.2    | 8.5     | 0.26    | 1370    | 1.41    | 3.46    | 11.5    | 0.7     | 1010    | 3.8   |
| 18868              |                          | 22.7    | 0.12    | 5.9     | 0.120   | 1.56    | 39.4    | 7.9     | 0.28    | 1440    | 1.72    | 3.41    | 10.9    | 1.9     | 1160    | 5.6   |
| 18869              |                          | 22.0    | 0.09    | 4.1     | 0.107   | 1.14    | 22.7    | 25.3    | 1.22    | 1500    | 1.74    | 2.87    | 6.8     | 1.7     | 690     | 7.3   |
| 18870              |                          | 21.9    | 0.08    | 3.0     | 0.122   | 0.98    | 13.6    | 15.5    | 1.90    | 1880    | 0.76    | 3.09    | 5.2     | 4.4     | 550     | 138.0 |
| 18871              |                          | 22.1    | 0.07    | 3.0     | 0.117   | 0.83    | 10.3    | 16.7    | 1.91    | 1660    | 0.66    | 3.40    | 5.1     | 6.6     | 490     | 54.5  |
| 18872              |                          | 21.7    | 0.07    | 2.9     | 0.116   | 1.00    | 12.1    | 14.6    | 2.01    | 1980    | 0.64    | 3.13    | 4.6     | 6.2     | 530     | 37.7  |
| 18873              |                          | 23.3    | 0.06    | 3.0     | 0.128   | 0.96    | 13.6    | 19.9    | 2.23    | 2040    | 0.62    | 2.99    | 4.9     | 7.6     | 520     | 80.2  |
| 18874              |                          | 21.4    | 0.07    | 2.8     | 0.125   | 0.83    | 12.8    | 22.4    | 2.45    | 1920    | 0.70    | 3.07    | 4.5     | 8.1     | 510     | 94.0  |
| 18875              |                          | 21.1    | 0.08    | 2.8     | 0.165   | 0.80    | 13.3    | 25.0    | 2.51    | 1680    | 0.62    | 3.12    | 4.8     | 9.9     | 510     | 75.8  |
| 18876              |                          | 22.0    | 0.07    | 2.8     | 0.232   | 0.85    | 14.4    | 29.9    | 2.67    | 1680    | 0.65    | 2.76    | 4.7     | 10.7    | 510     | 129.0 |
| 18877              |                          | 22.5    | 0.07    | 2.9     | 0.107   | 1.02    | 13.6    | 27.2    | 2.50    | 1930    | 0.64    | 2.81    | 4.5     | 10.3    | 500     | 123.0 |
| 18878              |                          | 20.5    | 0.06    | 2.5     | 0.096   | 1.28    | 12.2    | 19.3    | 2.26    | 2180    | 0.61    | 2.19    | 3.9     | 14.1    | 440     | 36.1  |
| 18879              |                          | 21.7    | 0.11    | 7.0     | 0.174   | 1.19    | 33.5    | 8.4     | 0.60    | 1030    | 1.09    | 3.96    | 10.5    | 0.5     | 1180    | 23.8  |
| 18880              |                          | 21.5    | 0.11    | 6.8     | 0.178   | 1.16    | 38.2    | 8.8     | 0.59    | 1040    | 1.22    | 4.04    | 11.3    | 0.5     | 1200    | 27.3  |
| 18881              |                          | 11.80   | 0.17    | 1.3     | 0.121   | 0.31    | 7.7     | 8.4     | 3.94    | 1040    | 5.08    | 1.21    | 5.0     | >10000  | 500     | 13.7  |
| 18882              |                          | 19.00   | 0.09    | 2.3     | 0.069   | 1.14    | 10.0    | 22.6    | 2.43    | 1340    | 0.84    | 2.42    | 3.5     | 30.7    | 370     | 35.9  |
| 18883              |                          | 19.10   | 0.05    | 2.2     | 0.069   | 1.16    | 9.8     | 25.4    | 2.47    | 1460    | 0.47    | 2.26    | 3.3     | 35.1    | 380     | 21.2  |
| 18884              |                          | 18.25   | 0.06    | 2.0     | 0.072   | 0.97    | 9.6     | 33.9    | 3.04    | 1620    | 0.41    | 2.81    | 3.1     | 33.3    | 380     | 121.5 |
| 18885              |                          | 19.60   | 0.05    | 2.2     | 0.071   | 1.21    | 9.8     | 27.6    | 2.70    | 1660    | 0.50    | 2.22    | 3.3     | 34.9    | 390     | 38.6  |



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 Plus Appendix Pages  
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 Account: BMRPLLBW

**CERTIFICATE OF ANALYSIS SD21034329**

| Sample Description | Method Analyte Units LOD | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 |     |
|--------------------|--------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-----|
|                    |                          | Rb      | Re      | S       | Sb      | Sc      | Se      | Sn      | Sr      | Ta      | Te      | Th      | Ti      | Tl      | U       | V   |
|                    |                          | ppm     | ppm     | %       | ppm     | ppm     | ppm     | ppm     | ppm     | ppm     | ppm     | ppm     | %       | ppm     | ppm     | ppm |
|                    |                          | 0.1     | 0.002   | 0.01    | 0.05    | 0.1     | 1       | 0.2     | 0.2     | 0.05    | 0.05    | 0.01    | 0.005   | 0.02    | 0.1     | 1   |
| 18858              |                          | 41.6    | 0.005   | 0.07    | 0.62    | 34.6    | <1      | 2.1     | 121.5   | 0.53    | <0.05   | 4.80    | 0.954   | 0.16    | 1.6     | 283 |
| 18859              |                          | 40.5    | 0.002   | 0.09    | 0.69    | 29.0    | 1       | 1.2     | 115.5   | 0.55    | <0.05   | 5.80    | 0.851   | 0.20    | 1.8     | 191 |
| 18860              |                          | 44.4    | 0.002   | 0.10    | 1.23    | 28.1    | 1       | 1.3     | 123.0   | 0.61    | <0.05   | 6.22    | 0.831   | 0.18    | 2.1     | 91  |
| 18861              |                          | 30.1    | <0.002  | 0.07    | 1.53    | 22.9    | <1      | 1.5     | 87.4    | 0.72    | <0.05   | 7.58    | 0.683   | 0.13    | 2.5     | 23  |
| 18862              |                          | 24.2    | <0.002  | 0.05    | 0.79    | 16.3    | <1      | 1.1     | 50.6    | 0.78    | <0.05   | 8.32    | 0.468   | 0.11    | 2.7     | 2   |
| 18863              |                          | 33.9    | <0.002  | 0.05    | 0.78    | 17.0    | <1      | 1.1     | 71.4    | 0.75    | <0.05   | 8.54    | 0.476   | 0.14    | 2.5     | 2   |
| 18864              |                          | 33.9    | <0.002  | 0.06    | 0.90    | 15.9    | <1      | 1.1     | 85.3    | 0.79    | <0.05   | 9.23    | 0.445   | 0.15    | 2.6     | 1   |
| 18865              |                          | 34.1    | 0.002   | 0.04    | 0.79    | 15.5    | <1      | 1.0     | 104.0   | 0.79    | <0.05   | 8.65    | 0.442   | 0.14    | 2.5     | <1  |
| 18866              |                          | 37.0    | <0.002  | 0.04    | 0.98    | 16.0    | <1      | 1.0     | 106.0   | 0.81    | <0.05   | 9.02    | 0.428   | 0.15    | 2.3     | <1  |
| 18867              |                          | 32.7    | <0.002  | 0.06    | 0.78    | 16.4    | <1      | 0.9     | 94.5    | 0.78    | <0.05   | 7.59    | 0.455   | 0.14    | 2.5     | 1   |
| 18868              |                          | 37.1    | <0.002  | 0.04    | 1.51    | 18.8    | <1      | 0.9     | 105.0   | 0.75    | <0.05   | 9.02    | 0.471   | 0.14    | 2.8     | <1  |
| 18869              |                          | 45.2    | 0.002   | 0.16    | 0.55    | 36.8    | 1       | 1.1     | 142.0   | 0.47    | <0.05   | 5.18    | 0.959   | 0.21    | 1.8     | 114 |
| 18870              |                          | 45.9    | 0.006   | 0.30    | 0.85    | 45.8    | 1       | 1.0     | 141.5   | 0.38    | <0.05   | 3.65    | 1.315   | 0.18    | 1.4     | 600 |
| 18871              |                          | 42.6    | 0.005   | 0.27    | 0.84    | 47.4    | 1       | 0.9     | 127.0   | 0.35    | <0.05   | 3.65    | 1.295   | 0.16    | 1.7     | 657 |
| 18872              |                          | 46.2    | 0.008   | 0.29    | 0.88    | 44.1    | 1       | 0.8     | 136.0   | 0.34    | <0.05   | 3.42    | 1.255   | 0.19    | 1.3     | 676 |
| 18873              |                          | 46.1    | 0.009   | 0.24    | 1.42    | 45.1    | 1       | 0.8     | 133.5   | 0.35    | <0.05   | 3.48    | 1.285   | 0.17    | 1.3     | 737 |
| 18874              |                          | 38.9    | 0.009   | 0.24    | 1.24    | 44.4    | 1       | 0.8     | 122.0   | 0.33    | <0.05   | 3.49    | 1.220   | 0.14    | 1.3     | 737 |
| 18875              |                          | 35.4    | 0.006   | 0.20    | 0.62    | 45.1    | <1      | 0.9     | 111.0   | 0.33    | <0.05   | 3.53    | 1.240   | 0.13    | 1.4     | 743 |
| 18876              |                          | 34.2    | 0.005   | 0.24    | 0.77    | 43.1    | 1       | 1.0     | 107.0   | 0.34    | <0.05   | 3.54    | 1.180   | 0.12    | 1.5     | 704 |
| 18877              |                          | 47.1    | 0.005   | 0.19    | 1.22    | 46.1    | 1       | 0.9     | 133.0   | 0.33    | <0.05   | 3.44    | 1.180   | 0.17    | 1.3     | 737 |
| 18878              |                          | 56.7    | 0.005   | 0.20    | 0.57    | 45.3    | 1       | 1.0     | 155.0   | 0.28    | <0.05   | 2.89    | 1.230   | 0.23    | 1.0     | 917 |
| 18879              |                          | 22.8    | <0.002  | 0.12    | 1.76    | 17.7    | <1      | 1.1     | 61.6    | 0.77    | <0.05   | 9.35    | 0.482   | 0.10    | 3.2     | 6   |
| 18880              |                          | 22.3    | <0.002  | 0.14    | 1.55    | 17.9    | <1      | 1.2     | 57.5    | 0.80    | <0.05   | 9.29    | 0.519   | 0.10    | 3.1     | 5   |
| 18881              |                          | 11.6    | 0.043   | 8.74    | 3.16    | 8.1     | 21      | 2.5     | 190.5   | 0.31    | 4.67    | 1.00    | 0.549   | 0.16    | 0.4     | 83  |
| 18882              |                          | 49.8    | 0.002   | 0.09    | 0.50    | 37.8    | 1       | 0.6     | 150.5   | 0.26    | <0.05   | 2.77    | 0.486   | 0.29    | 0.9     | 266 |
| 18883              |                          | 41.7    | 0.003   | 0.11    | 0.30    | 36.8    | 1       | 0.6     | 166.0   | 0.25    | <0.05   | 2.43    | 0.511   | 0.32    | 0.9     | 279 |
| 18884              |                          | 47.0    | 0.002   | 0.12    | 0.59    | 36.6    | 1       | 0.6     | 158.0   | 0.22    | <0.05   | 2.31    | 0.515   | 0.24    | 0.8     | 286 |
| 18885              |                          | 39.9    | 0.002   | 0.09    | 0.45    | 36.3    | 1       | 0.7     | 172.0   | 0.25    | <0.05   | 2.43    | 0.512   | 0.34    | 0.9     | 281 |



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Project: Elk Lake –Cotley

**CERTIFICATE OF ANALYSIS SD21034329**

| Sample Description | Method Analyte Units LOD | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | Cu-OG62 | Ni-OG62 | CRU-QC    | PUL-QC     |
|--------------------|--------------------------|---------|---------|---------|---------|---------|---------|-----------|------------|
|                    |                          | W ppm   | Y ppm   | Zn ppm  | Zr ppm  | Cu %    | Ni %    | Pass2mm % | Pass75um % |
|                    |                          | 0.1     | 0.1     | 2       | 0.5     | 0.001   | 0.001   | 0.01      | 0.01       |
| 18858              |                          | 0.4     | 39.8    | 97      | 155.5   |         |         | 78.0      | 86.2       |
| 18859              |                          | 0.4     | 39.5    | 108     | 168.5   |         |         |           | 87.3       |
| 18860              |                          | 0.4     | 46.4    | 270     | 187.0   |         |         |           |            |
| 18861              |                          | 0.4     | 50.4    | 77      | 220     |         |         |           |            |
| 18862              |                          | 0.3     | 55.5    | 110     | 239     |         |         |           |            |
| 18863              |                          | 0.3     | 57.3    | 77      | 236     |         |         |           |            |
| 18864              |                          | 0.3     | 55.4    | 46      | 240     |         |         |           |            |
| 18865              |                          | 0.3     | 53.8    | 36      | 244     |         |         |           |            |
| 18866              |                          | 0.3     | 54.7    | 39      | 244     |         |         |           |            |
| 18867              |                          | 0.3     | 54.1    | 43      | 225     |         |         |           |            |
| 18868              |                          | 0.3     | 57.7    | 52      | 224     |         |         |           |            |
| 18869              |                          | 0.4     | 39.8    | 79      | 155.0   |         |         |           |            |
| 18870              |                          | 0.3     | 32.8    | 393     | 117.0   |         |         |           |            |
| 18871              |                          | 0.3     | 29.7    | 388     | 112.5   |         |         |           |            |
| 18872              |                          | 0.3     | 29.5    | 94      | 108.5   |         |         |           |            |
| 18873              |                          | 0.3     | 30.2    | 207     | 110.5   |         |         |           |            |
| 18874              |                          | 0.3     | 29.1    | 220     | 106.5   |         |         |           |            |
| 18875              |                          | 0.3     | 29.5    | 245     | 109.0   |         |         |           |            |
| 18876              |                          | 0.4     | 31.1    | 952     | 107.5   |         |         |           |            |
| 18877              |                          | 0.3     | 28.7    | 478     | 105.5   |         |         |           |            |
| 18878              |                          | 0.4     | 26.1    | 152     | 94.7    |         |         |           |            |
| 18879              |                          | 0.3     | 59.8    | 119     | 257     |         |         |           |            |
| 18880              |                          | 0.3     | 61.9    | 122     | 248     |         |         |           |            |
| 18881              |                          | 2.4     | 10.3    | 149     | 58.1    | 1.645   | 4.72    |           |            |
| 18882              |                          | 0.2     | 21.3    | 107     | 82.3    |         |         |           |            |
| 18883              |                          | 0.2     | 21.9    | 88      | 78.4    |         |         |           |            |
| 18884              |                          | 0.2     | 20.4    | 857     | 72.5    |         |         |           |            |
| 18885              |                          | 0.3     | 21.2    | 186     | 80.7    |         |         |           |            |



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**CERTIFICATE OF ANALYSIS SD21034329**

|                    | <b>CERTIFICATE COMMENTS</b>   |         |         |         |         |        |        |        |        |
|--------------------|---|---------|---------|---------|---------|--------|--------|--------|--------|
|                    | <b>ANALYTICAL COMMENTS</b>  |         |         |         |         |        |        |        |        |
| Applies to Method: | REEs may not be totally soluble in this method.<br>ME-MS61  |         |         |         |         |        |        |        |        |
|                    | <b>LABORATORY ADDRESSES</b>   |         |         |         |         |        |        |        |        |
| Applies to Method: | Processed at ALS Sudbury located at 1351-B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.   |         |         |         |         |        |        |        |        |
|                    | <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">CRU-31</td> <td style="width: 33%;">CRU-QC</td> <td style="width: 33%;">LOG-22</td> <td style="width: 33%;">LOG-23</td> </tr> <tr> <td>PUL-31</td> <td>PUL-QC</td> <td>SPL-21</td> <td>WEI-21</td> </tr> </table> | CRU-31  | CRU-QC  | LOG-22  | LOG-23  | PUL-31 | PUL-QC | SPL-21 | WEI-21 |
| CRU-31             | CRU-QC  | LOG-22  | LOG-23  |         |         |        |        |        |        |
| PUL-31             | PUL-QC  | SPL-21  | WEI-21  |         |         |        |        |        |        |
| Applies to Method: | Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.  |         |         |         |         |        |        |        |        |
|                    | <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">Cu-OG62</td> <td style="width: 33%;">ME-MS61</td> <td style="width: 33%;">ME-OG62</td> <td style="width: 33%;">Ni-OG62</td> </tr> </table>  | Cu-OG62 | ME-MS61 | ME-OG62 | Ni-OG62 |        |        |        |        |
| Cu-OG62            | ME-MS61   | ME-OG62 | Ni-OG62 |         |         |        |        |        |        |





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**QC CERTIFICATE SD21034329**

Project: Elk Lake –Cotley  
 P.O. No.: AGSC11030  
 This report is for 28 samples of Drill Core submitted to our lab in Sudbury, ON, Canada on 12-FEB-2021.  
 The following have access to data associated with this certificate:

|  |                                   |                             |
|--|-----------------------------------|-----------------------------|
| PETER DOYLE<br>NICO KASTEK<br>RYAN WELLS | MIKE HENDRICKSON<br>FRANK PLOEGER | SEAN HICKS<br>STEVE TRIMMER |
|--|-----------------------------------|-----------------------------|

| SAMPLE PREPARATION |                                 |
|--------------------|---------------------------------|
| ALS CODE           | DESCRIPTION                     |
| WEI-21             | Received Sample Weight          |
| CRU-QC             | Crushing QC Test                |
| PUL-QC             | Pulverizing QC Test             |
| LOG-22             | Sample login – Rcd w/o BarCode  |
| CRU-31             | Fine crushing – 70% <2mm        |
| SPL-21             | Split sample – riffle splitter  |
| PUL-31             | Pulverize up to 250g 85% <75 um |
| LOG-23             | Pulp Login – Rcvd with Barcode  |

| ANALYTICAL PROCEDURES |                                |            |
|-----------------------|--------------------------------|------------|
| ALS CODE              | DESCRIPTION                    | INSTRUMENT |
| ME-MS61               | 48 element four acid ICP-MS    |            |
| ME-OG62               | Ore Grade Elements – Four Acid | ICP-AES    |
| Cu-OG62               | Ore Grade Cu – Four Acid       |            |
| Ni-OG62               | Ore Grade Ni – Four Acid       |            |

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:   
 Saa Traxler, General Manager, North Vancouver



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**QC CERTIFICATE OF ANALYSIS SD21034329**

| Sample Description         | Method Analyte Units LOD | ME-MS61   | ME-MS61 | ME-MS61   | ME-MS61   | ME-MS61   | ME-MS61   | ME-MS61 | ME-MS61   | ME-MS61   | ME-MS61   | ME-MS61   | ME-MS61   | ME-MS61   | ME-MS61 |           |  |
|----------------------------|--------------------------|-----------|---------|-----------|-----------|-----------|-----------|---------|-----------|-----------|-----------|-----------|-----------|-----------|---------|-----------|--|
|                            |                          | Ag<br>ppm | Al<br>% | As<br>ppm | Ba<br>ppm | Be<br>ppm | Bi<br>ppm | Ca<br>% | Cd<br>ppm | Ce<br>ppm | Co<br>ppm | Cr<br>ppm | Cs<br>ppm | Cu<br>ppm | Fe<br>% | Ga<br>ppm |  |
|                            |                          | 0.01      | 0.01    | 0.2       | 10        | 0.05      | 0.01      | 0.01    | 0.02      | 0.01      | 0.1       | 1         | 0.05      | 0.2       | 0.01    | 0.05      |  |
| <b>STANDARDS</b>           |                          |           |         |           |           |           |           |         |           |           |           |           |           |           |         |           |  |
| CCU-1e                     |                          |           |         |           |           |           |           |         |           |           |           |           |           |           |         |           |  |
| Target Range – Lower Bound |                          |           |         |           |           |           |           |         |           |           |           |           |           |           |         |           |  |
| Upper Bound                |                          |           |         |           |           |           |           |         |           |           |           |           |           |           |         |           |  |
| EMOG-17                    |                          | 67.5      | 4.68    | 560       | 520       | 1.80      | 5.91      | 1.92    | 20.9      | 50.3      | 752       | 57        | 7.41      | 8060      | 4.85    | 12.45     |  |
| EMOG-17                    |                          | 68.3      | 4.68    | 602       | 270       | 1.95      | 5.73      | 1.90    | 19.75     | 44.0      | 765       | 56        | 7.29      | 8340      | 4.75    | 12.25     |  |
| Target Range – Lower Bound |                          | 60.9      | 4.18    | 522       | 310       | 1.60      | 5.31      | 1.72    | 18.15     | 42.9      | 686       | 49        | 6.56      | 7750      | 4.42    | 10.75     |  |
| Upper Bound                |                          | 74.5      | 5.13    | 638       | 440       | 2.06      | 6.51      | 2.12    | 22.2      | 52.5      | 838       | 62        | 8.12      | 8910      | 5.42    | 13.25     |  |
| GBM903-13                  |                          |           |         |           |           |           |           |         |           |           |           |           |           |           |         |           |  |
| Target Range – Lower Bound |                          |           |         |           |           |           |           |         |           |           |           |           |           |           |         |           |  |
| Upper Bound                |                          |           |         |           |           |           |           |         |           |           |           |           |           |           |         |           |  |
| MP-1b                      |                          |           |         |           |           |           |           |         |           |           |           |           |           |           |         |           |  |
| Target Range – Lower Bound |                          |           |         |           |           |           |           |         |           |           |           |           |           |           |         |           |  |
| Upper Bound                |                          |           |         |           |           |           |           |         |           |           |           |           |           |           |         |           |  |
| MRGeo08                    |                          | 4.67      | 7.59    | 31.4      | 1160      | 3.42      | 0.67      | 2.67    | 2.35      | 64.8      | 20.3      | 94        | 12.30     | 650       | 3.95    | 20.3      |  |
| Target Range – Lower Bound |                          | 3.93      | 6.64    | 29.5      | 920       | 2.98      | 0.58      | 2.35    | 2.00      | 66.2      | 17.7      | 81        | 11.20     | 587       | 3.55    | 17.50     |  |
| Upper Bound                |                          | 4.83      | 8.14    | 36.5      | 1270      | 3.76      | 0.73      | 2.90    | 2.48      | 81.0      | 21.9      | 102       | 13.80     | 675       | 4.37    | 21.5      |  |
| OREAS 621                  |                          |           |         |           |           |           |           |         |           |           |           |           |           |           |         |           |  |
| Target Range – Lower Bound |                          |           |         |           |           |           |           |         |           |           |           |           |           |           |         |           |  |
| Upper Bound                |                          |           |         |           |           |           |           |         |           |           |           |           |           |           |         |           |  |
| OREAS 905                  |                          | 0.57      | 7.63    | 36.7      | 2860      | 2.98      | 5.63      | 0.59    | 0.36      | 98.5      | 15.2      | 26        | 7.18      | 1520      | 3.94    | 26.5      |  |
| Target Range – Lower Bound |                          | 0.46      | 6.67    | 31.0      | 2280      | 2.69      | 5.14      | 0.52    | 0.30      | 82.8      | 13.2      | 16        | 6.05      | 1425      | 3.66    | 22.5      |  |
| Upper Bound                |                          | 0.58      | 8.17    | 38.4      | 3110      | 3.39      | 6.30      | 0.66    | 0.42      | 101.0     | 16.4      | 22        | 7.51      | 1640      | 4.50    | 27.7      |  |
| OREAS 920                  |                          | 0.10      | 7.48    | 5.2       | 540       | 2.65      | 0.61      | 0.49    | 0.05      | 94.1      | 15.2      | 82        | 8.75      | 111.5     | 4.00    | 21.4      |  |
| OREAS 920                  |                          | 0.08      | 7.29    | 5.8       | 530       | 2.55      | 0.62      | 0.46    | 0.05      | 87.3      | 14.6      | 81        | 8.24      | 105.0     | 3.76    | 19.90     |  |
| Target Range – Lower Bound |                          | 0.08      | 6.91    | 4.6       | 450       | 2.54      | 0.61      | 0.44    | 0.04      | 84.6      | 13.9      | 70        | 7.72      | 104.0     | 3.72    | 18.65     |  |
| Upper Bound                |                          | 0.13      | 8.47    | 6.1       | 640       | 3.22      | 0.77      | 0.56    | 0.12      | 103.5     | 17.3      | 88        | 9.54      | 120.0     | 4.56    | 22.9      |  |
| OREAS-76a                  |                          |           |         |           |           |           |           |         |           |           |           |           |           |           |         |           |  |
| Target Range – Lower Bound |                          |           |         |           |           |           |           |         |           |           |           |           |           |           |         |           |  |
| Upper Bound                |                          |           |         |           |           |           |           |         |           |           |           |           |           |           |         |           |  |

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 THE PACIFIC BUILDING  
 SUITE 400, 744 WEST HASTINGS STREET  
 VANCOUVER BC V6C 1A5

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 Total # Pages: 3 (A – D)  
 Plus Appendix Pages  
 Finalized Date: 22–MAR–2021  
 Account: BMRPLLBW

**QC CERTIFICATE OF ANALYSIS SD21034329**

| Sample Description         | Method<br>Analyte<br>Units<br>LOD | ME-MS61   | ME-MS61   | ME-MS61   | ME-MS61 | ME-MS61   | ME-MS61   | ME-MS61 | ME-MS61   | ME-MS61   | ME-MS61 | ME-MS61   | ME-MS61   | ME-MS61  | ME-MS61   |           |
|----------------------------|-----------------------------------|-----------|-----------|-----------|---------|-----------|-----------|---------|-----------|-----------|---------|-----------|-----------|----------|-----------|-----------|
|                            |                                   | Ge<br>ppm | Hf<br>ppm | In<br>ppm | K<br>%  | La<br>ppm | Li<br>ppm | Mg<br>% | Mn<br>ppm | Mo<br>ppm | Na<br>% | Nb<br>ppm | Ni<br>ppm | P<br>ppm | Pb<br>ppm | Rb<br>ppm |
| <b>STANDARDS</b>           |                                   |           |           |           |         |           |           |         |           |           |         |           |           |          |           |           |
| CCU-1e                     |                                   |           |           |           |         |           |           |         |           |           |         |           |           |          |           |           |
| Target Range – Lower Bound |                                   |           |           |           |         |           |           |         |           |           |         |           |           |          |           |           |
| Upper Bound                |                                   |           |           |           |         |           |           |         |           |           |         |           |           |          |           |           |
| EMOG-17                    |                                   | 0.10      | 2.0       | 0.921     | 1.66    | 25.0      | 26.1      | 0.95    | 729       | 1065      | 1.11    | 15.2      | 7520      | 810      | 7280      | 116.0     |
| EMOG-17                    |                                   | 0.20      | 1.8       | 0.861     | 1.63    | 22.2      | 26.9      | 0.94    | 747       | 1085      | 1.07    | 14.4      | 7500      | 850      | 7520      | 108.0     |
| Target Range – Lower Bound |                                   | 0.07      | 1.6       | 0.823     | 1.49    | 20.7      | 23.9      | 0.86    | 670       | 997       | 0.99    | 12.7      | 6820      | 700      | 6570      | 98.9      |
| Upper Bound                |                                   | 0.29      | 2.2       | 1.015     | 1.85    | 26.4      | 29.7      | 1.08    | 830       | 1220      | 1.23    | 15.7      | 8330      | 880      | 8030      | 121.0     |
| GBM903-13                  |                                   |           |           |           |         |           |           |         |           |           |         |           |           |          |           |           |
| Target Range – Lower Bound |                                   |           |           |           |         |           |           |         |           |           |         |           |           |          |           |           |
| Upper Bound                |                                   |           |           |           |         |           |           |         |           |           |         |           |           |          |           |           |
| MP-1b                      |                                   |           |           |           |         |           |           |         |           |           |         |           |           |          |           |           |
| Target Range – Lower Bound |                                   |           |           |           |         |           |           |         |           |           |         |           |           |          |           |           |
| Upper Bound                |                                   |           |           |           |         |           |           |         |           |           |         |           |           |          |           |           |
| MRGeo08                    |                                   | 0.09      | 3.2       | 0.176     | 3.15    | 29.7      | 31.6      | 1.32    | 589       | 15.35     | 2.01    | 21.9      | 725       | 1090     | 1160      | 182.5     |
| Target Range – Lower Bound |                                   | <0.05     | 2.8       | 0.155     | 2.79    | 31.1      | 29.5      | 1.17    | 497       | 13.65     | 1.76    | 19.0      | 622       | 930      | 971       | 173.5     |
| Upper Bound                |                                   | 0.27      | 3.6       | 0.201     | 3.43    | 39.1      | 36.5      | 1.45    | 619       | 16.75     | 2.18    | 23.4      | 760       | 1160     | 1185      | 212       |
| OREAS 621                  |                                   |           |           |           |         |           |           |         |           |           |         |           |           |          |           |           |
| Target Range – Lower Bound |                                   |           |           |           |         |           |           |         |           |           |         |           |           |          |           |           |
| Upper Bound                |                                   |           |           |           |         |           |           |         |           |           |         |           |           |          |           |           |
| OREAS 905                  |                                   | 0.12      | 7.0       | 0.680     | 2.84    | 48.5      | 20.0      | 0.26    | 392       | 3.35      | 2.37    | 19.0      | 13.0      | 290      | 30.0      | 145.5     |
| Target Range – Lower Bound |                                   | <0.05     | 6.1       | 0.571     | 2.58    | 40.9      | 17.8      | 0.24    | 333       | 2.89      | 2.15    | 16.2      | 8.4       | 240      | 26.9      | 124.0     |
| Upper Bound                |                                   | 0.27      | 7.6       | 0.709     | 3.18    | 51.1      | 22.2      | 0.31    | 418       | 3.65      | 2.65    | 20.0      | 10.7      | 320      | 33.9      | 152.0     |
| OREAS 920                  |                                   | 0.13      | 4.6       | 0.083     | 2.79    | 45.4      | 29.1      | 1.30    | 579       | 0.39      | 0.63    | 17.3      | 39.9      | 730      | 23.9      | 177.5     |
| OREAS 920                  |                                   | 0.16      | 4.3       | 0.072     | 2.68    | 43.9      | 26.1      | 1.23    | 560       | 0.39      | 0.59    | 16.5      | 39.4      | 690      | 20.8      | 166.5     |
| Target Range – Lower Bound |                                   | 0.06      | 4.0       | 0.070     | 2.59    | 41.0      | 26.0      | 1.23    | 535       | 0.34      | 0.56    | 15.6      | 37.4      | 640      | 20.7      | 158.5     |
| Upper Bound                |                                   | 0.28      | 5.2       | 0.098     | 3.19    | 51.2      | 32.2      | 1.53    | 665       | 0.58      | 0.71    | 19.2      | 46.2      | 800      | 26.4      | 193.5     |
| OREAS-76a                  |                                   |           |           |           |         |           |           |         |           |           |         |           |           |          |           |           |
| Target Range – Lower Bound |                                   |           |           |           |         |           |           |         |           |           |         |           |           |          |           |           |
| Upper Bound                |                                   |           |           |           |         |           |           |         |           |           |         |           |           |          |           |           |

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 Finalized Date: 22–MAR–2021  
 Account: BMRPLLBW

**QC CERTIFICATE OF ANALYSIS SD21034329**

| Sample Description         | Method Analyte Units LOD | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 |       |
|----------------------------|--------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-------|
|                            |                          | Re ppm  | S %     | Sb ppm  | Sc ppm  | Se ppm  | Sn ppm  | Sr ppm  | Ta ppm  | Te ppm  | Th ppm  | Ti %    | Tl ppm  | U ppm   | V ppm   | W ppm |
| <b>STANDARDS</b>           |                          |         |         |         |         |         |         |         |         |         |         |         |         |         |         |       |
| CCU-1e                     |                          |         |         |         |         |         |         |         |         |         |         |         |         |         |         |       |
| Target Range – Lower Bound |                          |         |         |         |         |         |         |         |         |         |         |         |         |         |         |       |
| Upper Bound                |                          |         |         |         |         |         |         |         |         |         |         |         |         |         |         |       |
| EMOG-17                    |                          | 0.324   | 3.22    | 783     | 7.4     | 7       | 2.6     | 206     | 0.97    | 1.37    | 11.95   | 0.315   | 2.20    | 3.1     | 70      | 3.9   |
| EMOG-17                    |                          | 0.307   | 3.32    | 827     | 8.1     | 7       | 2.5     | 202     | 0.91    | 1.28    | 10.55   | 0.326   | 2.10    | 3.0     | 76      | 4.0   |
| Target Range – Lower Bound |                          | 0.286   | 2.91    | 643     | 7.2     | 4       | 2.2     | 184.5   | 0.78    | 1.10    | 10.35   | 0.294   | 1.89    | 2.8     | 67      | 3.3   |
| Upper Bound                |                          | 0.354   | 3.57    | 869     | 9.0     | 9       | 3.2     | 226     | 1.08    | 1.46    | 12.65   | 0.370   | 2.61    | 3.7     | 84      | 4.7   |
| GBM903-13                  |                          |         |         |         |         |         |         |         |         |         |         |         |         |         |         |       |
| Target Range – Lower Bound |                          |         |         |         |         |         |         |         |         |         |         |         |         |         |         |       |
| Upper Bound                |                          |         |         |         |         |         |         |         |         |         |         |         |         |         |         |       |
| MP-1b                      |                          |         |         |         |         |         |         |         |         |         |         |         |         |         |         |       |
| Target Range – Lower Bound |                          |         |         |         |         |         |         |         |         |         |         |         |         |         |         |       |
| Upper Bound                |                          |         |         |         |         |         |         |         |         |         |         |         |         |         |         |       |
| MRGeo08                    |                          | 0.007   | 0.32    | 4.74    | 11.6    | 1       | 4.0     | 322     | 1.50    | <0.05   | 17.25   | 0.518   | 1.09    | 4.8     | 116     | 4.8   |
| Target Range – Lower Bound |                          | 0.004   | 0.27    | 3.89    | 11.1    | <1      | 3.5     | 277     | 1.39    | <0.05   | 17.90   | 0.443   | 0.86    | 4.9     | 97      | 4.1   |
| Upper Bound                |                          | 0.013   | 0.35    | 5.39    | 13.7    | 4       | 4.7     | 339     | 1.81    | 0.12    | 21.9    | 0.553   | 1.21    | 6.2     | 121     | 5.8   |
| OREAS 621                  |                          |         |         |         |         |         |         |         |         |         |         |         |         |         |         |       |
| Target Range – Lower Bound |                          |         |         |         |         |         |         |         |         |         |         |         |         |         |         |       |
| Upper Bound                |                          |         |         |         |         |         |         |         |         |         |         |         |         |         |         |       |
| OREAS 905                  |                          | <0.002  | 0.07    | 2.14    | 4.9     | 3       | 4.1     | 164.5   | 1.30    | 0.07    | 15.10   | 0.126   | 0.73    | 5.2     | 12      | 2.7   |
| Target Range – Lower Bound |                          | <0.002  | 0.04    | 1.61    | 4.3     | <1      | 3.4     | 141.0   | 1.16    | <0.05   | 13.15   | 0.105   | 0.58    | 4.4     | 8       | 2.3   |
| Upper Bound                |                          | 0.004   | 0.09    | 2.29    | 5.5     | 4       | 4.6     | 173.0   | 1.52    | 0.17    | 16.05   | 0.139   | 0.83    | 5.6     | 13      | 3.3   |
| OREAS 920                  |                          | <0.002  | 0.03    | 1.43    | 12.9    | <1      | 4.7     | 80.1    | 1.36    | <0.05   | 19.45   | 0.467   | 0.90    | 3.6     | 93      | 3.0   |
| OREAS 920                  |                          | <0.002  | 0.03    | 1.38    | 12.9    | 1       | 4.6     | 75.8    | 1.25    | <0.05   | 17.75   | 0.449   | 0.82    | 3.4     | 91      | 2.9   |
| Target Range – Lower Bound |                          | <0.002  | <0.01   | 1.22    | 12.8    | <1      | 4.3     | 73.6    | 1.08    | <0.05   | 17.35   | 0.434   | 0.73    | 3.3     | 86      | 2.5   |
| Upper Bound                |                          | 0.004   | 0.05    | 1.76    | 15.8    | 2       | 5.7     | 90.4    | 1.43    | 0.12    | 21.2    | 0.542   | 1.03    | 4.2     | 108     | 3.7   |
| OREAS-76a                  |                          |         |         |         |         |         |         |         |         |         |         |         |         |         |         |       |
| Target Range – Lower Bound |                          |         |         |         |         |         |         |         |         |         |         |         |         |         |         |       |
| Upper Bound                |                          |         |         |         |         |         |         |         |         |         |         |         |         |         |         |       |



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**QC CERTIFICATE OF ANALYSIS SD21034329**

| Sample Description         | Method Analyte Units LOD | ME-MS61<br>Y<br>ppm<br>0.1 | ME-MS61<br>Zn<br>ppm<br>2 | ME-MS61<br>Zr<br>ppm<br>0.5 | Cu-OG62<br>Cu<br>%<br>0.001 | Ni-OG62<br>Ni<br>%<br>0.001 |
|----------------------------|--------------------------|----------------------------|---------------------------|-----------------------------|-----------------------------|-----------------------------|
| <b>STANDARDS</b>           |                          |                            |                           |                             |                             |                             |
| CCU-1e                     |                          |                            |                           |                             | 23.0                        | 0.002                       |
| Target Range – Lower Bound |                          |                            |                           |                             | 22.1                        |                             |
| Upper Bound                |                          |                            |                           |                             | 23.7                        |                             |
| EMOG-17                    |                          | 16.8                       | 7570                      | 66.5                        |                             |                             |
| EMOG-17                    |                          | 15.3                       | 7610                      | 61.6                        |                             |                             |
| Target Range – Lower Bound |                          | 14.3                       | 6800                      | 55.6                        |                             |                             |
| Upper Bound                |                          | 17.7                       | 8320                      | 76.4                        |                             |                             |
| GBM903-13                  |                          |                            |                           |                             | 2.92                        | 2.48                        |
| Target Range – Lower Bound |                          |                            |                           |                             | 2.79                        | 2.35                        |
| Upper Bound                |                          |                            |                           |                             | 3.00                        | 2.52                        |
| MP-1b                      |                          |                            |                           |                             | 3.08                        | 0.001                       |
| Target Range – Lower Bound |                          |                            |                           |                             | 2.96                        | <0.001                      |
| Upper Bound                |                          |                            |                           |                             | 3.18                        | 0.002                       |
| MRGeo08                    |                          | 24.6                       | 822                       | 112.5                       |                             |                             |
| Target Range – Lower Bound |                          | 23.8                       | 722                       | 92.2                        |                             |                             |
| Upper Bound                |                          | 29.3                       | 886                       | 126.0                       |                             |                             |
| OREAS 621                  |                          |                            |                           |                             | 0.367                       | 0.003                       |
| Target Range – Lower Bound |                          |                            |                           |                             | 0.349                       | <0.001                      |
| Upper Bound                |                          |                            |                           |                             | 0.377                       | 0.005                       |
| OREAS 905                  |                          | 17.3                       | 140                       | 266                         |                             |                             |
| Target Range – Lower Bound |                          | 14.0                       | 122                       | 214                         |                             |                             |
| Upper Bound                |                          | 17.4                       | 154                       | 290                         |                             |                             |
| OREAS 920                  |                          | 32.2                       | 114                       | 160.5                       |                             |                             |
| OREAS 920                  |                          | 30.9                       | 110                       | 151.0                       |                             |                             |
| Target Range – Lower Bound |                          | 29.8                       | 102                       | 128.0                       |                             |                             |
| Upper Bound                |                          | 36.6                       | 130                       | 174.0                       |                             |                             |
| OREAS-76a                  |                          |                            |                           |                             | 0.295                       | 7.14                        |
| Target Range – Lower Bound |                          |                            |                           |                             | 0.274                       | 7.03                        |
| Upper Bound                |                          |                            |                           |                             | 0.296                       | 7.55                        |



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**QC CERTIFICATE OF ANALYSIS SD21034329**

| Sample Description         | Method Analyte Units LOD | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 |        |
|----------------------------|--------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|
|                            |                          | Ag ppm  | Al %    | As ppm  | Ba ppm  | Be ppm  | Bi ppm  | Ca %    | Cd ppm  | Ce ppm  | Co ppm  | Cr ppm  | Cs ppm  | Cu ppm  | Fe %    | Ga ppm |
|                            |                          | 0.01    | 0.01    | 0.2     | 10      | 0.05    | 0.01    | 0.01    | 0.02    | 0.01    | 0.1     | 1       | 0.05    | 0.2     | 0.01    | 0.05   |
| <b>BLANKS</b>              |                          |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |
| BLANK                      |                          | <0.01   | <0.01   | 0.2     | <10     | <0.05   | 0.01    | <0.01   | <0.02   | 0.01    | <0.1    | <1      | <0.05   | 0.2     | 0.01    | <0.05  |
| BLANK                      |                          | <0.01   | <0.01   | <0.2    | <10     | <0.05   | 0.01    | <0.01   | <0.02   | 0.02    | <0.1    | <1      | <0.05   | <0.2    | <0.01   | <0.05  |
| BLANK                      |                          | <0.01   | 0.01    | <0.2    | <10     | <0.05   | 0.01    | 0.01    | <0.02   | 0.02    | <0.1    | <1      | <0.05   | 0.2     | 0.01    | 0.07   |
| Target Range – Lower Bound |                          | <0.01   | <0.01   | <0.2    | <10     | <0.05   | <0.01   | <0.01   | <0.02   | <0.01   | <0.1    | <1      | <0.05   | <0.2    | <0.01   | <0.05  |
| Upper Bound                |                          | 0.02    | 0.02    | 0.4     | 20      | 0.10    | 0.02    | 0.02    | 0.04    | 0.02    | 0.2     | 2       | 0.10    | 0.4     | 0.02    | 0.10   |
| BLANK                      |                          |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |
| Target Range – Lower Bound |                          |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |
| Upper Bound                |                          |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |
| <b>DUPLICATES</b>          |                          |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |
| 18897                      |                          | 1.99    | 5.96    | 14.5    | 320     | 1.29    | 0.08    | 1.97    | 0.12    | 43.4    | 31.7    | 4       | 0.35    | 27.2    | 10.20   | 20.8   |
| DUP                        |                          | 1.94    | 6.02    | 15.3    | 320     | 1.25    | 0.08    | 1.99    | 0.12    | 45.9    | 34.1    | 4       | 0.37    | 27.9    | 10.30   | 22.0   |
| Target Range – Lower Bound |                          | 1.86    | 5.68    | 14.0    | 290     | 1.16    | 0.07    | 1.87    | 0.09    | 42.4    | 31.2    | 3       | 0.29    | 26.4    | 9.73    | 20.3   |
| Upper Bound                |                          | 2.07    | 6.30    | 15.8    | 350     | 1.38    | 0.09    | 2.09    | 0.15    | 46.9    | 34.6    | 5       | 0.43    | 28.7    | 10.75   | 22.5   |
| 18877                      |                          | 0.43    | 6.80    | 17.5    | 200     | 0.86    | 0.05    | 3.69    | 1.43    | 28.5    | 58.7    | 1       | 0.51    | 50.1    | 12.75   | 22.5   |
| DUP                        |                          | 0.39    | 6.65    | 17.4    | 200     | 0.91    | 0.05    | 3.63    | 1.47    | 28.9    | 57.9    | <1      | 0.52    | 50.3    | 12.45   | 22.6   |
| Target Range – Lower Bound |                          | 0.38    | 6.38    | 16.4    | 180     | 0.79    | 0.04    | 3.47    | 1.36    | 27.3    | 55.3    | <1      | 0.44    | 48.2    | 11.95   | 21.4   |
| Upper Bound                |                          | 0.44    | 7.07    | 18.5    | 230     | 0.98    | 0.06    | 3.85    | 1.54    | 30.1    | 61.3    | 2       | 0.59    | 52.2    | 13.25   | 23.7   |

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



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 Finalized Date: 22–MAR–2021  
 Account: BMRPLLBW

**QC CERTIFICATE OF ANALYSIS SD21034329**

| Sample Description         | Method Analyte Units LOD | ME-MS61<br>Ge<br>ppm<br>0.05 | ME-MS61<br>Hf<br>ppm<br>0.1 | ME-MS61<br>In<br>ppm<br>0.005 | ME-MS61<br>K<br>%<br>0.01 | ME-MS61<br>La<br>ppm<br>0.5 | ME-MS61<br>Li<br>ppm<br>0.2 | ME-MS61<br>Mg<br>%<br>0.01 | ME-MS61<br>Mn<br>ppm<br>5 | ME-MS61<br>Mo<br>ppm<br>0.05 | ME-MS61<br>Na<br>%<br>0.01 | ME-MS61<br>Nb<br>ppm<br>0.1 | ME-MS61<br>Ni<br>ppm<br>0.2 | ME-MS61<br>P<br>ppm<br>10 | ME-MS61<br>Pb<br>ppm<br>0.5 | ME-MS61<br>Rb<br>ppm<br>0.1 |
|----------------------------|--------------------------|------------------------------|-----------------------------|-------------------------------|---------------------------|-----------------------------|-----------------------------|----------------------------|---------------------------|------------------------------|----------------------------|-----------------------------|-----------------------------|---------------------------|-----------------------------|-----------------------------|
| <b>BLANKS</b>              |                          |                              |                             |                               |                           |                             |                             |                            |                           |                              |                            |                             |                             |                           |                             |                             |
| BLANK                      |                          | 0.09                         | <0.1                        | <0.005                        | <0.01                     | <0.5                        | <0.2                        | <0.01                      | <5                        | <0.05                        | <0.01                      | <0.1                        | <0.2                        | <10                       | <0.5                        | <0.1                        |
| BLANK                      |                          | <0.05                        | <0.1                        | <0.005                        | <0.01                     | <0.5                        | 0.2                         | <0.01                      | <5                        | <0.05                        | <0.01                      | <0.1                        | 0.3                         | <10                       | <0.5                        | <0.1                        |
| BLANK                      |                          | 0.06                         | <0.1                        | <0.005                        | <0.01                     | <0.5                        | <0.2                        | <0.01                      | <5                        | <0.05                        | <0.01                      | <0.1                        | <0.2                        | <10                       | <0.5                        | 0.1                         |
| Target Range – Lower Bound |                          | <0.05                        | <0.1                        | <0.005                        | <0.01                     | <0.5                        | <0.2                        | <0.01                      | <5                        | <0.05                        | <0.01                      | <0.1                        | <0.2                        | <10                       | <0.5                        | <0.1                        |
| Upper Bound                |                          | 0.10                         | 0.2                         | 0.010                         | 0.02                      | 1.0                         | 0.4                         | 0.02                       | 10                        | 0.10                         | 0.02                       | 0.2                         | 0.4                         | 20                        | 1.0                         | 0.2                         |
| BLANK                      |                          |                              |                             |                               |                           |                             |                             |                            |                           |                              |                            |                             |                             |                           |                             |                             |
| Target Range – Lower Bound |                          |                              |                             |                               |                           |                             |                             |                            |                           |                              |                            |                             |                             |                           |                             |                             |
| Upper Bound                |                          |                              |                             |                               |                           |                             |                             |                            |                           |                              |                            |                             |                             |                           |                             |                             |
| <b>DUPLICATES</b>          |                          |                              |                             |                               |                           |                             |                             |                            |                           |                              |                            |                             |                             |                           |                             |                             |
| 18897                      |                          | 0.08                         | 4.8                         | 0.156                         | 0.97                      | 19.4                        | 11.5                        | 1.06                       | 1100                      | 1.00                         | 3.80                       | 8.0                         | 0.7                         | 800                       | 47.9                        | 28.2                        |
| DUP                        |                          | 0.09                         | 5.0                         | 0.156                         | 0.99                      | 20.8                        | 11.4                        | 1.07                       | 1090                      | 1.15                         | 3.85                       | 8.6                         | 1.3                         | 810                       | 48.8                        | 29.5                        |
| Target Range – Lower Bound |                          | <0.05                        | 4.6                         | 0.143                         | 0.92                      | 18.6                        | 10.7                        | 1.00                       | 1035                      | 0.97                         | 3.62                       | 7.8                         | 0.8                         | 750                       | 45.4                        | 27.3                        |
| Upper Bound                |                          | 0.10                         | 5.2                         | 0.169                         | 1.04                      | 21.6                        | 12.2                        | 1.13                       | 1155                      | 1.18                         | 4.03                       | 8.8                         | 1.3                         | 860                       | 51.3                        | 30.4                        |
| 18877                      |                          | 0.07                         | 2.9                         | 0.107                         | 1.02                      | 13.6                        | 27.2                        | 2.50                       | 1930                      | 0.64                         | 2.81                       | 4.5                         | 10.3                        | 500                       | 123.0                       | 47.1                        |
| DUP                        |                          | 0.08                         | 2.9                         | 0.112                         | 1.02                      | 13.3                        | 26.2                        | 2.46                       | 1900                      | 0.54                         | 2.74                       | 4.6                         | 10.3                        | 480                       | 123.5                       | 50.9                        |
| Target Range – Lower Bound |                          | <0.05                        | 2.7                         | 0.099                         | 0.96                      | 12.3                        | 25.2                        | 2.35                       | 1815                      | 0.51                         | 2.63                       | 4.2                         | 9.6                         | 460                       | 116.5                       | 46.5                        |
| Upper Bound                |                          | 0.10                         | 3.1                         | 0.120                         | 1.08                      | 14.6                        | 28.2                        | 2.61                       | 2020                      | 0.67                         | 2.92                       | 4.9                         | 11.0                        | 520                       | 130.0                       | 51.6                        |



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 Account: BMRPLLBW

**QC CERTIFICATE OF ANALYSIS SD21034329**

| Sample Description         | Method Analyte Units LOD | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 |       |
|----------------------------|--------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-------|
|                            |                          | Re ppm  | S %     | Sb ppm  | Sc ppm  | Se ppm  | Sn ppm  | Sr ppm  | Ta ppm  | Te ppm  | Th ppm  | Ti %    | Tl ppm  | U ppm   | V ppm   | W ppm |
| <b>BLANKS</b>              |                          |         |         |         |         |         |         |         |         |         |         |         |         |         |         |       |
| BLANK                      |                          | <0.002  | <0.01   | <0.05   | <0.1    | <1      | <0.2    | <0.2    | <0.05   | <0.05   | <0.01   | <0.005  | <0.02   | <0.1    | <1      | <0.1  |
| BLANK                      |                          | <0.002  | <0.01   | <0.05   | <0.1    | <1      | <0.2    | <0.2    | <0.05   | <0.05   | <0.01   | <0.005  | <0.02   | <0.1    | <1      | <0.1  |
| BLANK                      |                          | <0.002  | <0.01   | <0.05   | <0.1    | 1       | <0.2    | 0.2     | <0.05   | <0.05   | 0.01    | <0.005  | <0.02   | <0.1    | <1      | <0.1  |
| Target Range – Lower Bound |                          | <0.002  | <0.01   | <0.05   | <0.1    | <1      | <0.2    | <0.2    | <0.05   | <0.05   | <0.01   | <0.005  | <0.02   | <0.1    | <1      | <0.1  |
| Upper Bound                |                          | 0.004   | 0.02    | 0.10    | 0.2     | 2       | 0.4     | 0.4     | 0.10    | 0.10    | 0.02    | 0.010   | 0.04    | 0.2     | 2       | 0.2   |
| BLANK                      |                          |         |         |         |         |         |         |         |         |         |         |         |         |         |         |       |
| Target Range – Lower Bound |                          |         |         |         |         |         |         |         |         |         |         |         |         |         |         |       |
| Upper Bound                |                          |         |         |         |         |         |         |         |         |         |         |         |         |         |         |       |
| <b>DUPLICATES</b>          |                          |         |         |         |         |         |         |         |         |         |         |         |         |         |         |       |
| 18897                      |                          | 0.002   | 0.24    | 1.02    | 29.7    | <1      | 1.2     | 63.2    | 0.57    | <0.05   | 5.89    | 0.841   | 0.10    | 2.4     | 107     | 0.3   |
| DUP                        |                          | 0.003   | 0.25    | 1.12    | 31.2    | 1       | 1.2     | 66.7    | 0.57    | <0.05   | 6.31    | 0.843   | 0.11    | 2.7     | 109     | 0.3   |
| Target Range – Lower Bound |                          | <0.002  | 0.22    | 0.94    | 28.8    | <1      | 0.9     | 61.5    | 0.49    | <0.05   | 5.79    | 0.795   | 0.08    | 2.3     | 102     | 0.2   |
| Upper Bound                |                          | 0.004   | 0.27    | 1.20    | 32.1    | 2       | 1.5     | 68.4    | 0.65    | 0.10    | 6.42    | 0.889   | 0.13    | 2.8     | 114     | 0.4   |
| 18877                      |                          | 0.005   | 0.19    | 1.22    | 46.1    | 1       | 0.9     | 133.0   | 0.33    | <0.05   | 3.44    | 1.180   | 0.17    | 1.3     | 737     | 0.3   |
| DUP                        |                          | 0.005   | 0.19    | 1.27    | 47.2    | 1       | 0.9     | 133.5   | 0.33    | <0.05   | 3.30    | 1.155   | 0.17    | 1.2     | 723     | 0.4   |
| Target Range – Lower Bound |                          | 0.003   | 0.17    | 1.10    | 44.2    | <1      | 0.7     | 126.5   | 0.26    | <0.05   | 3.19    | 1.105   | 0.14    | 1.1     | 693     | 0.2   |
| Upper Bound                |                          | 0.007   | 0.21    | 1.39    | 49.1    | 2       | 1.1     | 140.0   | 0.40    | 0.10    | 3.55    | 1.230   | 0.20    | 1.4     | 768     | 0.5   |





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**QC CERTIFICATE OF ANALYSIS SD21034329**

| Sample Description         | Method Analyte Units LOD | ME-MS61<br>Y<br>ppm<br>0.1 | ME-MS61<br>Zn<br>ppm<br>2 | ME-MS61<br>Zr<br>ppm<br>0.5 | Cu-OG62<br>Cu<br>%<br>0.001 | Ni-OG62<br>Ni<br>%<br>0.001 |
|----------------------------|--------------------------|----------------------------|---------------------------|-----------------------------|-----------------------------|-----------------------------|
| <b>BLANKS</b>              |                          |                            |                           |                             |                             |                             |
| BLANK                      |                          | <0.1                       | <2                        | <0.5                        |                             |                             |
| BLANK                      |                          | <0.1                       | <2                        | <0.5                        |                             |                             |
| BLANK                      |                          | <0.1                       | <2                        | <0.5                        |                             |                             |
| Target Range – Lower Bound |                          | <0.1                       | <2                        | <0.5                        |                             |                             |
| Upper Bound                |                          | 0.2                        | 4                         | 1.0                         |                             |                             |
| BLANK                      |                          |                            |                           |                             | <0.001                      | <0.001                      |
| Target Range – Lower Bound |                          |                            |                           |                             | <0.001                      | <0.001                      |
| Upper Bound                |                          |                            |                           |                             | 0.002                       | 0.002                       |
| <b>DUPLICATES</b>          |                          |                            |                           |                             |                             |                             |
| 18897                      |                          | 42.5                       | 75                        | 174.5                       |                             |                             |
| DUP                        |                          | 45.8                       | 76                        | 190.0                       |                             |                             |
| Target Range – Lower Bound |                          | 41.8                       | 70                        | 168.0                       |                             |                             |
| Upper Bound                |                          | 46.5                       | 81                        | 196.5                       |                             |                             |
| 18877                      |                          | 28.7                       | 478                       | 105.5                       |                             |                             |
| DUP                        |                          | 30.3                       | 475                       | 108.0                       |                             |                             |
| Target Range – Lower Bound |                          | 27.9                       | 451                       | 98.2                        |                             |                             |
| Upper Bound                |                          | 31.1                       | 502                       | 115.5                       |                             |                             |



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**QC CERTIFICATE OF ANALYSIS SD21034329**

| CERTIFICATE COMMENTS |  |         |         |         |         |        |        |        |        |
|----------------------|--|---------|---------|---------|---------|--------|--------|--------|--------|
|                      | <b>ANALYTICAL COMMENTS</b>   |         |         |         |         |        |        |        |        |
| Applies to Method:   | REEs may not be totally soluble in this method.<br>ME-MS61   |         |         |         |         |        |        |        |        |
|                      | <b>LABORATORY ADDRESSES</b>  |         |         |         |         |        |        |        |        |
| Applies to Method:   | Processed at ALS Sudbury located at 1351-B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.  |         |         |         |         |        |        |        |        |
|                      | <table border="0" style="width: 100%;"> <tr> <td>CRU-31</td> <td>CRU-QC</td> <td>LOG-22</td> <td>LOG-23</td> </tr> <tr> <td>PUL-31</td> <td>PUL-QC</td> <td>SPL-21</td> <td>WEI-21</td> </tr> </table> | CRU-31  | CRU-QC  | LOG-22  | LOG-23  | PUL-31 | PUL-QC | SPL-21 | WEI-21 |
| CRU-31               | CRU-QC   | LOG-22  | LOG-23  |         |         |        |        |        |        |
| PUL-31               | PUL-QC   | SPL-21  | WEI-21  |         |         |        |        |        |        |
| Applies to Method:   | Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.   |         |         |         |         |        |        |        |        |
|                      | <table border="0" style="width: 100%;"> <tr> <td>Cu-OG62</td> <td>ME-MS61</td> <td>ME-OG62</td> <td>Ni-OG62</td> </tr> </table>  | Cu-OG62 | ME-MS61 | ME-OG62 | Ni-OG62 |        |        |        |        |
| Cu-OG62              | ME-MS61  | ME-OG62 | Ni-OG62 |         |         |        |        |        |        |



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**CERTIFICATE SD21034326**

Project: Elk Lake –Cotley  
 P.O. No.: AGSC11031  
 This report is for 28 samples of Drill Core submitted to our lab in Sudbury, ON, Canada on 12–FEB–2021.  
 The following have access to data associated with this certificate:

|  |                                   |                             |
|--|-----------------------------------|-----------------------------|
| PETER DOYLE<br>NICO KASTEK<br>RYAN WELLS | MIKE HENDRICKSON<br>FRANK PLOEGER | SEAN HICKS<br>STEVE TRIMMER |
|--|-----------------------------------|-----------------------------|

| SAMPLE PREPARATION |                                 |
|--------------------|---------------------------------|
| ALS CODE           | DESCRIPTION                     |
| WEI-21             | Received Sample Weight          |
| CRU-QC             | Crushing QC Test                |
| PUL-QC             | Pulverizing QC Test             |
| LOG-22             | Sample login – Rcd w/o BarCode  |
| CRU-31             | Fine crushing – 70% <2mm        |
| SPL-21             | Split sample – riffle splitter  |
| PUL-31             | Pulverize up to 250g 85% <75 um |
| LOG-23             | Pulp Login – Rcvd with Barcode  |

| ANALYTICAL PROCEDURES |                                |            |
|-----------------------|--------------------------------|------------|
| ALS CODE              | DESCRIPTION                    | INSTRUMENT |
| ME-MS61               | 48 element four acid ICP-MS    |            |
| ME-OG62               | Ore Grade Elements – Four Acid | ICP-AES    |
| Cu-OG62               | Ore Grade Cu – Four Acid       |            |
| Ni-OG62               | Ore Grade Ni – Four Acid       |            |

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:   
 Saa Traxler, General Manager, North Vancouver



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 Account: BMRPLLBW

**CERTIFICATE OF ANALYSIS SD21034326**

| Sample Description | Method Analyte Units LOD | WEI-21       | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 |
|--------------------|--------------------------|--------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
|                    |                          | Recvd Wt. kg | Ag ppm  | Al %    | As ppm  | Ba ppm  | Be ppm  | Bi ppm  | Ca %    | Cd ppm  | Ce ppm  | Co ppm  | Cr ppm  | Cs ppm  | Cu ppm  | Fe %    |
|                    |                          | 0.02         | 0.01    | 0.01    | 0.2     | 10      | 0.05    | 0.01    | 0.01    | 0.02    | 0.01    | 0.1     | 1       | 0.05    | 0.2     | 0.01    |
| 18886              |                          | 1.32         | 2.01    | 6.42    | 25.6    | 230     | 1.24    | 0.13    | 2.90    | 2.01    | 55.5    | 26.7    | 4       | 0.30    | 100.0   | 10.45   |
| 18887              |                          | 1.37         | 1.09    | 6.56    | 28.4    | 230     | 0.92    | 0.06    | 3.32    | 0.26    | 39.4    | 45.5    | 2       | 0.52    | 32.3    | 10.35   |
| 18888              |                          | 1.66         | 0.67    | 6.24    | 34.0    | 280     | 0.84    | 0.06    | 3.53    | 0.03    | 39.2    | 43.9    | 2       | 1.16    | 17.2    | 11.05   |
| 18889              |                          | 1.62         | 0.67    | 6.12    | 35.0    | 300     | 0.84    | 0.07    | 3.13    | 0.05    | 41.2    | 44.4    | 3       | 1.04    | 16.3    | 10.40   |
| 18890              |                          | 1.53         | 1.12    | 6.09    | 23.6    | 300     | 1.17    | 0.09    | 2.98    | 1.38    | 52.8    | 34.1    | 3       | 0.30    | 24.2    | 9.86    |
| 18891              |                          | 1.69         | 2.25    | 6.04    | 26.8    | 290     | 1.19    | 0.09    | 1.19    | 0.62    | 53.1    | 29.6    | 5       | 0.16    | 41.5    | 10.45   |
| 18892              |                          | 1.51         | 8.39    | 6.05    | 18.2    | 330     | 1.10    | 0.15    | 1.84    | 0.16    | 45.3    | 19.5    | 4       | 0.13    | 78.8    | 9.96    |
| 18893              |                          | 0.76         | 26.4    | 6.05    | 1270    | 2040    | 1.51    | 3.93    | 6.62    | 0.09    | 136.0   | 821     | 5       | 0.21    | 1900    | 5.84    |
| 18894              |                          | 1.23         | 9.94    | 5.72    | 15.3    | 100     | 1.66    | 0.60    | 1.45    | <0.02   | 38.5    | 12.2    | 15      | 0.31    | 65.4    | 10.00   |
| 18895              |                          | 0.84         | 13.90   | 5.71    | 14.4    | 90      | 1.53    | 0.72    | 2.24    | <0.02   | 94.2    | 27.7    | 8       | 0.48    | 2670    | 7.24    |
| 18896              |                          | 1.28         | 3.43    | 5.97    | 22.5    | 380     | 1.54    | 0.22    | 1.36    | 2.92    | 27.9    | 18.2    | 7       | 0.41    | 54.1    | 11.15   |
| 18897              |                          | 1.27         | 1.99    | 5.96    | 14.5    | 320     | 1.29    | 0.08    | 1.97    | 0.12    | 43.4    | 31.7    | 4       | 0.35    | 27.2    | 10.20   |
| 18898              |                          | 0.90         | 1.58    | 6.13    | 15.3    | 570     | 1.44    | 0.07    | 1.80    | 0.13    | 64.8    | 21.0    | 4       | 0.58    | 29.4    | 9.16    |
| 18899              |                          | 1.16         | 1.71    | 5.98    | 23.1    | 470     | 1.30    | 0.10    | 1.66    | 0.12    | 58.8    | 41.3    | 4       | 0.62    | 27.0    | 9.50    |
| 18900              |                          | 1.33         | 1.75    | 6.14    | 20.5    | 480     | 1.26    | 0.08    | 1.59    | 0.21    | 41.6    | 22.9    | 4       | 0.63    | 25.0    | 9.18    |
| R2004              |                          | 0.11         | 4.12    | 5.31    | 13.8    | 110     | 0.50    | 0.93    | 3.43    | 2.09    | 16.70   | 952     | 263     | 0.73    | >10000  | 17.75   |
| R2005              |                          | 2.15         | 1.28    | 6.16    | 25.8    | 400     | 0.97    | 0.14    | 2.91    | 0.06    | 49.8    | 36.1    | 4       | 0.99    | 30.4    | 10.65   |
| R2006              |                          | 2.78         | 0.30    | 6.21    | 18.2    | 320     | 0.83    | 0.05    | 3.82    | 0.51    | 29.9    | 46.7    | 1       | 1.03    | 37.2    | 11.25   |
| R2007              |                          | 1.35         | 2.16    | 6.05    | 16.9    | 530     | 1.30    | 0.23    | 1.97    | 0.20    | 46.3    | 26.9    | 4       | 0.65    | 24.5    | 7.65    |
| R2008              |                          | 0.92         | 1.00    | 5.95    | 17.5    | 370     | 1.87    | 0.09    | 1.56    | 0.69    | 62.0    | 13.0    | 9       | 0.82    | 7.1     | 6.03    |
| R2009              |                          | 0.82         | 5.04    | 5.83    | 20.3    | 610     | 1.38    | 0.14    | 1.56    | 0.22    | 67.2    | 17.8    | 5       | 2.00    | 24.9    | 8.04    |
| R2010              |                          | 0.69         | 12.75   | 5.85    | 24.3    | 570     | 1.37    | 0.36    | 1.65    | 0.32    | 55.7    | 20.4    | 5       | 1.85    | 20.7    | 8.33    |
| R2011              |                          | 0.91         | 25.6    | 5.99    | 17.1    | 430     | 1.64    | 0.12    | 1.70    | 0.45    | 76.5    | 18.1    | 5       | 0.93    | 29.2    | 7.59    |
| R2012              |                          | 0.42         | 64.2    | 5.28    | 109.5   | 370     | 1.27    | 0.63    | 6.43    | <0.02   | 70.9    | 77.2    | 5       | 0.67    | 84.8    | 8.30    |
| R2013              |                          | 0.62         | 4.51    | 6.07    | 24.1    | 380     | 1.33    | 0.06    | 2.13    | 0.43    | 70.1    | 21.0    | 7       | 0.75    | 19.2    | 8.11    |
| R2014              |                          | 1.23         | 3.55    | 5.81    | 21.5    | 700     | 1.20    | 0.18    | 1.87    | 0.26    | 56.5    | 19.5    | 10      | 1.84    | 13.1    | 8.59    |
| R2015              |                          | 1.09         | 1.81    | 5.89    | 23.5    | 840     | 1.30    | 0.06    | 2.09    | 0.03    | 58.8    | 21.7    | 6       | 2.82    | 11.1    | 9.88    |
| R2016              |                          | 1.23         | 1.14    | 5.96    | 22.5    | 390     | 1.22    | 0.05    | 2.66    | 0.11    | 60.5    | 28.1    | 14      | 2.68    | 20.9    | 10.55   |



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Project: Elk Lake –Cotley

|   |
|---|
| <b>CERTIFICATE OF ANALYSIS SD21034326</b> |
|---|

| Sample Description | Method Analyte Units LOD | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 |       |
|--------------------|--------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-------|
|                    |                          | Ga      | Ge      | Hf      | In      | K       | La      | Li      | Mg      | Mn      | Mo      | Na      | Nb      | Ni      | P       | Pb    |
|                    |                          | ppm     | ppm     | ppm     | ppm     | %       | ppm     | ppm     | %       | ppm     | ppm     | %       | ppm     | ppm     | ppm     | ppm   |
|                    |                          | 0.05    | 0.05    | 0.1     | 0.005   | 0.01    | 0.5     | 0.2     | 0.01    | 5       | 0.05    | 0.1     | 0.1     | 0.2     | 10      | 0.5   |
| 18886              |                          | 24.2    | 0.12    | 3.5     | 0.316   | 0.56    | 28.1    | 20.9    | 1.64    | 1180    | 2.00    | 3.72    | 5.9     | 9.7     | 690     | 235   |
| 18887              |                          | 21.3    | 0.09    | 3.7     | 0.135   | 0.87    | 19.1    | 11.9    | 1.59    | 1550    | 0.84    | 3.69    | 6.7     | 6.8     | 670     | 120.0 |
| 18888              |                          | 22.5    | 0.09    | 3.7     | 0.108   | 1.09    | 18.8    | 14.3    | 1.64    | 1620    | 0.96    | 3.14    | 6.1     | 7.2     | 650     | 6.1   |
| 18889              |                          | 21.3    | 0.08    | 4.1     | 0.110   | 1.01    | 20.1    | 12.1    | 1.40    | 1600    | 1.15    | 3.40    | 7.0     | 4.3     | 710     | 24.8  |
| 18890              |                          | 21.4    | 0.09    | 4.4     | 0.165   | 0.86    | 25.1    | 12.2    | 1.44    | 1320    | 0.85    | 3.84    | 6.9     | 4.4     | 750     | 237   |
| 18891              |                          | 21.7    | 0.09    | 5.2     | 0.100   | 0.48    | 23.0    | 13.8    | 0.81    | 667     | 1.22    | 4.15    | 7.9     | 1.2     | 1000    | 98.3  |
| 18892              |                          | 22.4    | 0.10    | 5.0     | 0.114   | 0.57    | 19.0    | 13.0    | 0.93    | 761     | 1.12    | 4.14    | 7.4     | 3.9     | 850     | 126.0 |
| 18893              |                          | 22.3    | 0.15    | 4.7     | 0.612   | 0.56    | 59.5    | 20.0    | 0.90    | 1180    | 22.0    | 3.84    | 7.7     | 63.9    | 590     | 45.7  |
| 18894              |                          | 22.6    | 0.08    | 5.5     | 0.071   | 0.27    | 13.7    | 21.2    | 0.98    | 359     | 1.94    | 3.61    | 6.9     | 10.2    | 990     | 10.8  |
| 18895              |                          | 32.0    | 0.13    | 5.6     | 0.170   | 0.25    | 45.7    | 24.7    | 1.19    | 488     | 3.29    | 3.65    | 6.8     | 31.4    | 760     | 105.0 |
| 18896              |                          | 24.6    | 0.07    | 4.7     | 0.111   | 0.55    | 12.1    | 26.2    | 1.34    | 754     | 1.57    | 3.51    | 9.6     | 12.4    | 870     | 420   |
| 18897              |                          | 20.8    | 0.08    | 4.8     | 0.156   | 0.97    | 19.4    | 11.5    | 1.06    | 1100    | 1.00    | 3.80    | 8.0     | 0.7     | 800     | 47.9  |
| 18898              |                          | 22.5    | 0.10    | 5.6     | 0.167   | 1.65    | 31.8    | 13.3    | 0.90    | 1140    | 1.16    | 3.45    | 9.2     | 0.6     | 930     | 38.3  |
| 18899              |                          | 21.4    | 0.10    | 5.2     | 0.167   | 1.62    | 28.6    | 11.0    | 0.83    | 1160    | 1.16    | 3.40    | 9.1     | 1.3     | 950     | 39.8  |
| 18900              |                          | 22.0    | 0.09    | 5.5     | 0.155   | 1.60    | 19.3    | 11.0    | 0.83    | 1110    | 1.28    | 3.56    | 9.6     | 1.9     | 980     | 43.5  |
| R2004              |                          | 11.45   | 0.17    | 1.3     | 0.119   | 0.31    | 7.7     | 8.6     | 3.96    | 981     | 4.95    | 1.18    | 4.9     | >10000  | 450     | 13.0  |
| R2005              |                          | 21.9    | 0.09    | 4.4     | 0.129   | 1.34    | 24.7    | 14.4    | 1.39    | 1640    | 1.13    | 3.22    | 7.9     | 19.6    | 730     | 16.1  |
| R2006              |                          | 20.7    | 0.07    | 3.2     | 0.103   | 1.10    | 14.5    | 20.5    | 2.05    | 1660    | 0.65    | 2.70    | 5.0     | 19.0    | 510     | 59.9  |
| R2007              |                          | 21.1    | 0.08    | 6.0     | 0.144   | 1.32    | 21.2    | 13.3    | 0.86    | 1080    | 1.06    | 3.53    | 8.9     | 6.2     | 990     | 30.0  |
| R2008              |                          | 21.7    | 0.12    | 7.4     | 0.139   | 1.68    | 27.8    | 7.6     | 0.55    | 1040    | 1.66    | 3.70    | 11.2    | 1.3     | 950     | 24.5  |
| R2009              |                          | 22.0    | 0.10    | 6.0     | 0.158   | 1.46    | 31.3    | 11.0    | 0.59    | 1430    | 1.33    | 3.35    | 10.3    | 0.6     | 1240    | 15.3  |
| R2010              |                          | 22.4    | 0.11    | 6.1     | 0.206   | 1.56    | 24.6    | 10.6    | 0.56    | 1360    | 1.40    | 3.47    | 10.5    | 0.4     | 1300    | 18.5  |
| R2011              |                          | 22.3    | 0.11    | 6.2     | 0.201   | 1.57    | 35.7    | 7.8     | 0.66    | 1080    | 1.34    | 3.86    | 10.8    | 0.4     | 1390    | 16.6  |
| R2012              |                          | 17.55   | 0.11    | 5.5     | 0.141   | 0.61    | 32.0    | 11.9    | 0.40    | 940     | 4.65    | 3.54    | 8.3     | 5.9     | 1340    | 18.8  |
| R2013              |                          | 21.8    | 0.11    | 6.1     | 0.162   | 1.18    | 32.8    | 8.0     | 0.64    | 890     | 1.53    | 4.07    | 10.5    | 10.9    | 1530    | 80.8  |
| R2014              |                          | 20.0    | 0.10    | 5.6     | 0.132   | 1.45    | 25.6    | 8.9     | 0.56    | 1310    | 1.77    | 3.38    | 9.4     | 2.1     | 1670    | 71.8  |
| R2015              |                          | 22.0    | 0.09    | 5.7     | 0.129   | 1.24    | 26.6    | 11.4    | 0.58    | 1540    | 1.52    | 3.37    | 9.9     | 0.4     | 1770    | 5.8   |
| R2016              |                          | 21.8    | 0.11    | 5.1     | 0.166   | 1.01    | 25.4    | 12.8    | 0.77    | 1440    | 1.80    | 3.36    | 9.0     | 2.7     | 1640    | 16.6  |



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**CERTIFICATE OF ANALYSIS SD21034326**

| Sample Description | Method Analyte Units LOD | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 |       |
|--------------------|--------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-------|
|                    |                          | Rb ppm  | Re ppm  | S %     | Sb ppm  | Sc ppm  | Se ppm  | Sn ppm  | Sr ppm  | Ta ppm  | Te ppm  | Th ppm  | Ti %    | Tl ppm  | U ppm   | V ppm |
|                    |                          | 0.1     | 0.002   | 0.01    | 0.05    | 0.1     | 1       | 0.2     | 0.2     | 0.05    | 0.05    | 0.01    | 0.005   | 0.02    | 0.1     | 1     |
| 18886              |                          | 21.8    | 0.003   | 0.12    | 1.02    | 40.2    | 1       | 2.0     | 71.4    | 0.41    | <0.05   | 4.47    | 0.892   | 0.08    | 5.7     | 338   |
| 18887              |                          | 38.7    | 0.004   | 0.20    | 0.90    | 41.5    | 1       | 1.2     | 98.2    | 0.44    | <0.05   | 4.65    | 0.927   | 0.13    | 1.7     | 384   |
| 18888              |                          | 45.9    | 0.003   | 0.13    | 0.82    | 38.2    | 1       | 1.1     | 127.5   | 0.43    | <0.05   | 4.62    | 0.926   | 0.16    | 1.5     | 404   |
| 18889              |                          | 38.5    | 0.005   | 0.16    | 0.77    | 33.8    | 1       | 1.0     | 103.0   | 0.50    | <0.05   | 4.61    | 0.880   | 0.14    | 1.6     | 304   |
| 18890              |                          | 27.5    | 0.003   | 0.15    | 1.13    | 32.2    | <1      | 1.1     | 66.7    | 0.51    | <0.05   | 5.13    | 0.815   | 0.10    | 2.5     | 279   |
| 18891              |                          | 15.9    | <0.002  | 0.34    | 1.59    | 23.5    | <1      | 1.2     | 57.1    | 0.57    | <0.05   | 6.39    | 0.561   | 0.06    | 3.6     | 49    |
| 18892              |                          | 17.9    | 0.002   | 0.14    | 1.43    | 28.3    | <1      | 1.5     | 57.0    | 0.57    | <0.05   | 6.21    | 0.730   | 0.07    | 3.8     | 144   |
| 18893              |                          | 18.2    | 0.011   | 0.31    | 41.0    | 24.8    | 1       | 1.5     | 112.5   | 0.55    | <0.05   | 5.15    | 0.622   | 0.15    | 6.3     | 133   |
| 18894              |                          | 6.4     | <0.002  | 0.02    | 0.87    | 23.1    | <1      | 1.4     | 27.7    | 0.54    | <0.05   | 7.11    | 0.435   | 0.04    | 3.9     | 63    |
| 18895              |                          | 5.9     | <0.002  | 0.39    | 0.98    | 15.7    | <1      | 1.5     | 40.9    | 0.57    | <0.05   | 6.97    | 0.422   | 0.03    | 7.1     | 93    |
| 18896              |                          | 18.1    | 0.002   | 0.16    | 0.97    | 29.5    | <1      | 1.1     | 71.1    | 0.60    | <0.05   | 5.79    | 0.653   | 0.07    | 3.4     | 69    |
| 18897              |                          | 28.2    | 0.002   | 0.24    | 1.02    | 29.7    | <1      | 1.2     | 63.2    | 0.57    | <0.05   | 5.89    | 0.841   | 0.10    | 2.4     | 107   |
| 18898              |                          | 38.4    | <0.002  | 0.09    | 1.42    | 27.6    | <1      | 1.3     | 78.1    | 0.66    | <0.05   | 7.40    | 0.756   | 0.15    | 2.4     | 60    |
| 18899              |                          | 38.7    | 0.002   | 0.29    | 1.45    | 26.7    | <1      | 1.3     | 82.1    | 0.64    | <0.05   | 6.64    | 0.740   | 0.15    | 2.3     | 66    |
| 18900              |                          | 37.6    | <0.002  | 0.08    | 1.46    | 25.7    | <1      | 1.3     | 77.3    | 0.66    | <0.05   | 6.90    | 0.720   | 0.15    | 2.4     | 60    |
| R2004              |                          | 11.3    | 0.047   | 7.90    | 3.24    | 7.6     | 22      | 2.4     | 182.0   | 0.31    | 4.73    | 1.03    | 0.515   | 0.17    | 0.3     | 75    |
| R2005              |                          | 44.4    | 0.002   | 0.09    | 1.05    | 33.6    | 1       | 1.2     | 104.0   | 0.52    | <0.05   | 5.37    | 0.900   | 0.17    | 1.8     | 330   |
| R2006              |                          | 48.5    | 0.002   | 0.11    | 0.62    | 40.0    | 1       | 0.9     | 134.0   | 0.36    | <0.05   | 3.89    | 0.871   | 0.17    | 1.3     | 514   |
| R2007              |                          | 31.5    | <0.002  | 0.13    | 1.24    | 20.7    | <1      | 1.0     | 71.3    | 0.68    | <0.05   | 7.24    | 0.504   | 0.14    | 2.2     | 114   |
| R2008              |                          | 31.7    | <0.002  | 0.05    | 1.86    | 16.2    | <1      | 1.2     | 68.7    | 0.79    | <0.05   | 9.27    | 0.465   | 0.12    | 3.1     | 2     |
| R2009              |                          | 35.0    | <0.002  | 0.08    | 1.89    | 17.0    | <1      | 1.1     | 111.0   | 0.71    | <0.05   | 8.09    | 0.468   | 0.15    | 2.3     | 1     |
| R2010              |                          | 34.9    | <0.002  | 0.10    | 2.11    | 19.0    | <1      | 1.2     | 113.0   | 0.73    | <0.05   | 8.01    | 0.475   | 0.15    | 2.6     | 1     |
| R2011              |                          | 30.4    | <0.002  | 0.13    | 1.58    | 19.3    | <1      | 1.4     | 65.9    | 0.72    | <0.05   | 7.92    | 0.494   | 0.14    | 2.9     | 1     |
| R2012              |                          | 18.5    | <0.002  | 0.24    | 1.32    | 16.4    | 1       | 1.4     | 78.2    | 0.61    | <0.05   | 6.88    | 0.446   | 0.09    | 3.8     | 3     |
| R2013              |                          | 25.0    | <0.002  | 0.15    | 1.50    | 19.3    | 1       | 1.5     | 72.1    | 0.75    | <0.05   | 7.90    | 0.570   | 0.11    | 3.2     | 2     |
| R2014              |                          | 37.2    | <0.002  | 0.07    | 0.71    | 19.0    | 1       | 1.1     | 93.2    | 0.66    | <0.05   | 7.03    | 0.569   | 0.15    | 2.3     | 3     |
| R2015              |                          | 37.8    | <0.002  | 0.09    | 0.84    | 23.5    | 1       | 1.1     | 114.0   | 0.69    | <0.05   | 6.90    | 0.633   | 0.15    | 2.3     | 4     |
| R2016              |                          | 35.5    | <0.002  | 0.10    | 0.61    | 24.7    | 1       | 1.2     | 118.5   | 0.62    | <0.05   | 6.40    | 0.707   | 0.14    | 2.0     | 22    |



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**CERTIFICATE OF ANALYSIS SD21034326**

| Sample Description | Method<br>Analyte<br>Units<br>LOD | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | Cu-OG62 | Ni-OG62 | CRU-QC  | PUL-QC   |
|--------------------|-----------------------------------|---------|---------|---------|---------|---------|---------|---------|----------|
|                    |                                   | W       | Y       | Zn      | Zr      | Cu      | Ni      | Pass2mm | Pass75um |
|                    |                                   | ppm     | ppm     | ppm     | ppm     | %       | %       | %       | %        |
|                    |                                   | 0.1     | 0.1     | 2       | 0.5     | 0.001   | 0.001   | 0.01    | 0.01     |
| 18886              |                                   | 0.6     | 37.4    | 671     | 142.5   |         |         | 79.0    | 88.2     |
| 18887              |                                   | 0.3     | 37.0    | 144     | 149.5   |         |         |         | 95.5     |
| 18888              |                                   | 0.3     | 35.0    | 81      | 133.5   |         |         |         |          |
| 18889              |                                   | 0.3     | 39.1    | 80      | 154.0   |         |         |         |          |
| 18890              |                                   | 0.2     | 38.5    | 446     | 158.5   |         |         |         |          |
| 18891              |                                   | 0.2     | 44.4    | 219     | 187.5   |         |         |         |          |
| 18892              |                                   | 0.2     | 41.9    | 82      | 188.0   |         |         |         |          |
| 18893              |                                   | 0.4     | 46.9    | 43      | 180.0   |         |         |         |          |
| 18894              |                                   | 0.2     | 44.6    | 53      | 204     |         |         | 71.4    |          |
| 18895              |                                   | 0.2     | 41.1    | 64      | 204     |         |         |         |          |
| 18896              |                                   | 0.2     | 35.3    | 884     | 176.0   |         |         |         |          |
| 18897              |                                   | 0.3     | 42.5    | 75      | 174.5   |         |         |         |          |
| 18898              |                                   | 0.4     | 48.0    | 78      | 212     |         |         |         |          |
| 18899              |                                   | 0.3     | 46.1    | 85      | 192.0   |         |         |         |          |
| 18900              |                                   | 0.4     | 45.9    | 102     | 204     |         |         |         |          |
| R2004              |                                   | 2.2     | 10.0    | 138     | 52.5    | 1.660   | 4.63    |         |          |
| R2005              |                                   | 0.3     | 40.7    | 80      | 165.0   |         |         |         |          |
| R2006              |                                   | 0.3     | 30.2    | 220     | 120.5   |         |         |         |          |
| R2007              |                                   | 0.3     | 48.5    | 90      | 211     |         |         |         |          |
| R2008              |                                   | 0.3     | 55.8    | 237     | 269     |         |         |         |          |
| R2009              |                                   | 0.3     | 53.5    | 110     | 219     |         |         |         |          |
| R2010              |                                   | 0.3     | 56.3    | 140     | 228     |         |         |         |          |
| R2011              |                                   | 0.2     | 60.2    | 168     | 229     |         |         |         |          |
| R2012              |                                   | 0.3     | 53.7    | 37      | 202     |         |         |         |          |
| R2013              |                                   | 0.3     | 58.9    | 159     | 227     |         |         |         |          |
| R2014              |                                   | 0.4     | 52.9    | 126     | 205     |         |         |         |          |
| R2015              |                                   | 0.4     | 54.6    | 76      | 208     |         |         |         |          |
| R2016              |                                   | 0.5     | 60.8    | 106     | 188.0   |         |         |         |          |







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 Account: BMRPLLBW

**QC CERTIFICATE SD21034326**

Project: Elk Lake –Cotley  
 P.O. No.: AGSC11031  
 This report is for 28 samples of Drill Core submitted to our lab in Sudbury, ON, Canada on 12–FEB–2021.  
 The following have access to data associated with this certificate:

|  |                                   |                             |
|--|-----------------------------------|-----------------------------|
| PETER DOYLE<br>NICO KASTEK<br>RYAN WELLS | MIKE HENDRICKSON<br>FRANK PLOEGER | SEAN HICKS<br>STEVE TRIMMER |
|--|-----------------------------------|-----------------------------|

| SAMPLE PREPARATION |                                 |
|--------------------|---------------------------------|
| ALS CODE           | DESCRIPTION                     |
| WEI-21             | Received Sample Weight          |
| CRU-QC             | Crushing QC Test                |
| PUL-QC             | Pulverizing QC Test             |
| LOG-22             | Sample login – Rcd w/o BarCode  |
| CRU-31             | Fine crushing – 70% <2mm        |
| SPL-21             | Split sample – riffle splitter  |
| PUL-31             | Pulverize up to 250g 85% <75 um |
| LOG-23             | Pulp Login – Rcvd with Barcode  |

| ANALYTICAL PROCEDURES |                                |            |
|-----------------------|--------------------------------|------------|
| ALS CODE              | DESCRIPTION                    | INSTRUMENT |
| ME-MS61               | 48 element four acid ICP-MS    |            |
| ME-OG62               | Ore Grade Elements – Four Acid | ICP-AES    |
| Cu-OG62               | Ore Grade Cu – Four Acid       |            |
| Ni-OG62               | Ore Grade Ni – Four Acid       |            |

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:   
 Saa Traxler, General Manager, North Vancouver



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**QC CERTIFICATE OF ANALYSIS SD21034326**

| Sample Description         | Method Analyte Units LOD | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 |        |
|----------------------------|--------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|
|                            |                          | Ag ppm  | Al %    | As ppm  | Ba ppm  | Be ppm  | Bi ppm  | Ca %    | Cd ppm  | Ce ppm  | Co ppm  | Cr ppm  | Cs ppm  | Cu ppm  | Fe %    | Ga ppm |
| <b>STANDARDS</b>           |                          |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |
| EMOG-17                    |                          | 67.5    | 4.68    | 560     | 520     | 1.80    | 5.91    | 1.92    | 20.9    | 50.3    | 752     | 57      | 7.41    | 8060    | 4.85    | 12.45  |
| Target Range – Lower Bound |                          | 60.9    | 4.18    | 522     | 310     | 1.60    | 5.31    | 1.72    | 18.15   | 42.9    | 686     | 49      | 6.56    | 7750    | 4.42    | 10.75  |
| Upper Bound                |                          | 74.5    | 5.13    | 638     | 440     | 2.06    | 6.51    | 2.12    | 22.2    | 52.5    | 838     | 62      | 8.12    | 8910    | 5.42    | 13.25  |
| MRGeo08                    |                          | 4.13    | 7.62    | 34.8    | 1130    | 3.16    | 0.61    | 2.56    | 2.14    | 64.8    | 20.7    | 98      | 11.90   | 633     | 3.88    | 19.80  |
| Target Range – Lower Bound |                          | 3.93    | 6.64    | 29.5    | 920     | 2.98    | 0.58    | 2.35    | 2.00    | 66.2    | 17.7    | 81      | 11.20   | 587     | 3.55    | 17.50  |
| Upper Bound                |                          | 4.83    | 8.14    | 36.5    | 1270    | 3.76    | 0.73    | 2.90    | 2.48    | 81.0    | 21.9    | 102     | 13.80   | 675     | 4.37    | 21.5   |
| OREAS 905                  |                          | 0.52    | 7.75    | 36.5    | 2830    | 3.02    | 5.19    | 0.57    | 0.35    | 96.5    | 15.3    | 19      | 6.92    | 1500    | 3.97    | 26.8   |
| Target Range – Lower Bound |                          | 0.46    | 6.67    | 31.0    | 2280    | 2.69    | 5.14    | 0.52    | 0.30    | 82.8    | 13.2    | 16      | 6.05    | 1425    | 3.66    | 22.5   |
| Upper Bound                |                          | 0.58    | 8.17    | 38.4    | 3110    | 3.39    | 6.30    | 0.66    | 0.42    | 101.0   | 16.4    | 22      | 7.51    | 1640    | 4.50    | 27.7   |
| OREAS 920                  |                          | 0.10    | 7.48    | 5.2     | 540     | 2.65    | 0.61    | 0.49    | 0.05    | 94.1    | 15.2    | 82      | 8.75    | 111.5   | 4.00    | 21.4   |
| Target Range – Lower Bound |                          | 0.08    | 6.91    | 4.6     | 450     | 2.54    | 0.61    | 0.44    | 0.04    | 84.6    | 13.9    | 70      | 7.72    | 104.0   | 3.72    | 18.65  |
| Upper Bound                |                          | 0.13    | 8.47    | 6.1     | 640     | 3.22    | 0.77    | 0.56    | 0.12    | 103.5   | 17.3    | 88      | 9.54    | 120.0   | 4.56    | 22.9   |
| OREAS 932                  |                          |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |
| Target Range – Lower Bound |                          |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |
| Upper Bound                |                          |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |
| OREAS-133a                 |                          |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |
| Target Range – Lower Bound |                          |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |
| Upper Bound                |                          |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |
| OREAS-134b                 |                          |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |
| Target Range – Lower Bound |                          |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |
| Upper Bound                |                          |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |
| OREAS-74a                  |                          |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |
| Target Range – Lower Bound |                          |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |
| Upper Bound                |                          |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |
| <b>BLANKS</b>              |                          |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |
| BLANK                      |                          | <0.01   | <0.01   | 0.2     | <10     | <0.05   | 0.01    | <0.01   | <0.02   | 0.01    | <0.1    | <1      | <0.05   | <0.2    | <0.01   | <0.05  |
| BLANK                      |                          | <0.01   | <0.01   | 0.2     | <10     | <0.05   | 0.01    | <0.01   | <0.02   | 0.01    | <0.1    | <1      | <0.05   | 0.2     | 0.01    | <0.05  |
| Target Range – Lower Bound |                          | <0.01   | <0.01   | <0.2    | <10     | <0.05   | <0.01   | <0.01   | <0.02   | <0.01   | <0.1    | <1      | <0.05   | <0.2    | <0.01   | <0.05  |
| Upper Bound                |                          | 0.02    | 0.02    | 0.4     | 20      | 0.10    | 0.02    | 0.02    | 0.04    | 0.02    | 0.2     | 2       | 0.10    | 0.4     | 0.02    | 0.10   |
| BLANK                      |                          |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |
| Target Range – Lower Bound |                          |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |
| Upper Bound                |                          |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |



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**QC CERTIFICATE OF ANALYSIS SD21034326**

| Sample Description         | Method Analyte Units LOD | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 |        |
|----------------------------|--------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|
|                            |                          | Ge ppm  | Hf ppm  | In ppm  | K %     | La ppm  | Li ppm  | Mg %    | Mn ppm  | Mo ppm  | Na %    | Nb ppm  | Ni ppm  | P ppm   | Pb ppm  | Rb ppm |
| <b>STANDARDS</b>           |                          |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |
| EMOG-17                    |                          | 0.10    | 2.0     | 0.921   | 1.66    | 25.0    | 26.1    | 0.95    | 729     | 1065    | 1.11    | 15.2    | 7520    | 810     | 7280    | 116.0  |
| Target Range – Lower Bound |                          | 0.07    | 1.6     | 0.823   | 1.49    | 20.7    | 23.9    | 0.86    | 670     | 997     | 0.99    | 12.7    | 6820    | 700     | 6570    | 98.9   |
| Upper Bound                |                          | 0.29    | 2.2     | 1.015   | 1.85    | 26.4    | 29.7    | 1.08    | 830     | 1220    | 1.23    | 15.7    | 8330    | 880     | 8030    | 121.0  |
| MRGeo08                    |                          | 0.14    | 2.9     | 0.176   | 3.16    | 30.9    | 34.5    | 1.30    | 573     | 14.70   | 2.02    | 22.2    | 744     | 1110    | 1110    | 172.5  |
| Target Range – Lower Bound |                          | <0.05   | 2.8     | 0.155   | 2.79    | 31.1    | 29.5    | 1.17    | 497     | 13.65   | 1.76    | 19.0    | 622     | 930     | 971     | 173.5  |
| Upper Bound                |                          | 0.27    | 3.6     | 0.201   | 3.43    | 39.1    | 36.5    | 1.45    | 619     | 16.75   | 2.18    | 23.4    | 760     | 1160    | 1185    | 212    |
| OREAS 905                  |                          | 0.16    | 6.5     | 0.686   | 2.88    | 49.1    | 22.8    | 0.26    | 378     | 3.20    | 2.46    | 19.8    | 9.1     | 290     | 28.6    | 138.5  |
| Target Range – Lower Bound |                          | <0.05   | 6.1     | 0.571   | 2.58    | 40.9    | 17.8    | 0.24    | 333     | 2.89    | 2.15    | 16.2    | 8.4     | 240     | 26.9    | 124.0  |
| Upper Bound                |                          | 0.27    | 7.6     | 0.709   | 3.18    | 51.1    | 22.2    | 0.31    | 418     | 3.65    | 2.65    | 20.0    | 10.7    | 320     | 33.9    | 152.0  |
| OREAS 920                  |                          | 0.13    | 4.6     | 0.083   | 2.79    | 45.4    | 29.1    | 1.30    | 579     | 0.39    | 0.63    | 17.3    | 39.9    | 730     | 23.9    | 177.5  |
| Target Range – Lower Bound |                          | 0.06    | 4.0     | 0.070   | 2.59    | 41.0    | 26.0    | 1.23    | 535     | 0.34    | 0.56    | 15.6    | 37.4    | 640     | 20.7    | 158.5  |
| Upper Bound                |                          | 0.28    | 5.2     | 0.098   | 3.19    | 51.2    | 32.2    | 1.53    | 665     | 0.58    | 0.71    | 19.2    | 46.2    | 800     | 26.4    | 193.5  |
| OREAS 932                  |                          |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |
| Target Range – Lower Bound |                          |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |
| Upper Bound                |                          |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |
| OREAS-133a                 |                          |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |
| Target Range – Lower Bound |                          |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |
| Upper Bound                |                          |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |
| OREAS-134b                 |                          |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |
| Target Range – Lower Bound |                          |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |
| Upper Bound                |                          |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |
| OREAS-74a                  |                          |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |
| Target Range – Lower Bound |                          |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |
| Upper Bound                |                          |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |
| <b>BLANKS</b>              |                          |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |
| BLANK                      |                          | 0.05    | <0.1    | <0.005  | <0.01   | <0.5    | <0.2    | <0.01   | <5      | <0.05   | <0.01   | <0.1    | <0.2    | <10     | <0.5    | <0.1   |
| BLANK                      |                          | 0.09    | <0.1    | <0.005  | <0.01   | <0.5    | <0.2    | <0.01   | <5      | <0.05   | <0.01   | <0.1    | <0.2    | <10     | <0.5    | <0.1   |
| Target Range – Lower Bound |                          | <0.05   | <0.1    | <0.005  | <0.01   | <0.5    | <0.2    | <0.01   | <5      | <0.05   | <0.01   | <0.1    | <0.2    | <10     | <0.5    | <0.1   |
| Upper Bound                |                          | 0.10    | 0.2     | 0.010   | 0.02    | 1.0     | 0.4     | 0.02    | 10      | 0.10    | 0.02    | 0.2     | 0.4     | 20      | 1.0     | 0.2    |
| BLANK                      |                          |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |
| Target Range – Lower Bound |                          |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |
| Upper Bound                |                          |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |



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**QC CERTIFICATE OF ANALYSIS SD21034326**

| Sample Description         | Method Analyte Units LOD | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 |       |
|----------------------------|--------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-------|
|                            |                          | Re ppm  | S %     | Sb ppm  | Sc ppm  | Se ppm  | Sn ppm  | Sr ppm  | Ta ppm  | Te ppm  | Th ppm  | Ti %    | Tl ppm  | U ppm   | V ppm   | W ppm |
| <b>STANDARDS</b>           |                          |         |         |         |         |         |         |         |         |         |         |         |         |         |         |       |
| EMOG-17                    |                          | 0.324   | 3.22    | 783     | 7.4     | 7       | 2.6     | 206     | 0.97    | 1.37    | 11.95   | 0.315   | 2.20    | 3.1     | 70      | 3.9   |
| Target Range - Lower Bound |                          | 0.286   | 2.91    | 643     | 7.2     | 4       | 2.2     | 184.5   | 0.78    | 1.10    | 10.35   | 0.294   | 1.89    | 2.8     | 67      | 3.3   |
| Upper Bound                |                          | 0.354   | 3.57    | 869     | 9.0     | 9       | 3.2     | 226     | 1.08    | 1.46    | 12.65   | 0.370   | 2.61    | 3.7     | 84      | 4.7   |
| MRGeo08                    |                          | 0.010   | 0.32    | 4.48    | 12.4    | 1       | 3.8     | 331     | 1.45    | <0.05   | 17.65   | 0.503   | 0.96    | 4.9     | 112     | 4.4   |
| Target Range - Lower Bound |                          | 0.004   | 0.27    | 3.89    | 11.1    | <1      | 3.5     | 277     | 1.39    | <0.05   | 17.90   | 0.443   | 0.86    | 4.9     | 97      | 4.1   |
| Upper Bound                |                          | 0.013   | 0.35    | 5.39    | 13.7    | 4       | 4.7     | 339     | 1.81    | 0.12    | 21.9    | 0.553   | 1.21    | 6.2     | 121     | 5.8   |
| OREAS 905                  |                          | <0.002  | 0.07    | 1.97    | 4.9     | 3       | 3.8     | 166.5   | 1.25    | 0.08    | 14.90   | 0.122   | 0.66    | 4.8     | 10      | 2.5   |
| Target Range - Lower Bound |                          | <0.002  | 0.04    | 1.61    | 4.3     | <1      | 3.4     | 141.0   | 1.16    | <0.05   | 13.15   | 0.105   | 0.58    | 4.4     | 8       | 2.3   |
| Upper Bound                |                          | 0.004   | 0.09    | 2.29    | 5.5     | 4       | 4.6     | 173.0   | 1.52    | 0.17    | 16.05   | 0.139   | 0.83    | 5.6     | 13      | 3.3   |
| OREAS 920                  |                          | <0.002  | 0.03    | 1.43    | 12.9    | <1      | 4.7     | 80.1    | 1.36    | <0.05   | 19.45   | 0.467   | 0.90    | 3.6     | 93      | 3.0   |
| Target Range - Lower Bound |                          | <0.002  | <0.01   | 1.22    | 12.8    | <1      | 4.3     | 73.6    | 1.08    | <0.05   | 17.35   | 0.434   | 0.73    | 3.3     | 86      | 2.5   |
| Upper Bound                |                          | 0.004   | 0.05    | 1.76    | 15.8    | 2       | 5.7     | 90.4    | 1.43    | 0.12    | 21.2    | 0.542   | 1.03    | 4.2     | 108     | 3.7   |
| OREAS 932                  |                          |         |         |         |         |         |         |         |         |         |         |         |         |         |         |       |
| Target Range - Lower Bound |                          |         |         |         |         |         |         |         |         |         |         |         |         |         |         |       |
| Upper Bound                |                          |         |         |         |         |         |         |         |         |         |         |         |         |         |         |       |
| OREAS-133a                 |                          |         |         |         |         |         |         |         |         |         |         |         |         |         |         |       |
| Target Range - Lower Bound |                          |         |         |         |         |         |         |         |         |         |         |         |         |         |         |       |
| Upper Bound                |                          |         |         |         |         |         |         |         |         |         |         |         |         |         |         |       |
| OREAS-134b                 |                          |         |         |         |         |         |         |         |         |         |         |         |         |         |         |       |
| Target Range - Lower Bound |                          |         |         |         |         |         |         |         |         |         |         |         |         |         |         |       |
| Upper Bound                |                          |         |         |         |         |         |         |         |         |         |         |         |         |         |         |       |
| OREAS-74a                  |                          |         |         |         |         |         |         |         |         |         |         |         |         |         |         |       |
| Target Range - Lower Bound |                          |         |         |         |         |         |         |         |         |         |         |         |         |         |         |       |
| Upper Bound                |                          |         |         |         |         |         |         |         |         |         |         |         |         |         |         |       |
| <b>BLANKS</b>              |                          |         |         |         |         |         |         |         |         |         |         |         |         |         |         |       |
| BLANK                      |                          | <0.002  | <0.01   | <0.05   | <0.1    | <1      | <0.2    | <0.2    | <0.05   | <0.05   | <0.01   | <0.005  | <0.02   | <0.1    | <1      | <0.1  |
| BLANK                      |                          | <0.002  | <0.01   | <0.05   | <0.1    | <1      | <0.2    | <0.2    | <0.05   | <0.05   | <0.01   | <0.005  | <0.02   | <0.1    | <1      | <0.1  |
| Target Range - Lower Bound |                          | <0.002  | <0.01   | <0.05   | <0.1    | <1      | <0.2    | <0.2    | <0.05   | <0.05   | <0.01   | <0.005  | <0.02   | <0.1    | <1      | <0.1  |
| Upper Bound                |                          | 0.004   | 0.02    | 0.10    | 0.2     | 2       | 0.4     | 0.4     | 0.10    | 0.10    | 0.02    | 0.010   | 0.04    | 0.2     | 2       | 0.2   |
| BLANK                      |                          |         |         |         |         |         |         |         |         |         |         |         |         |         |         |       |
| Target Range - Lower Bound |                          |         |         |         |         |         |         |         |         |         |         |         |         |         |         |       |
| Upper Bound                |                          |         |         |         |         |         |         |         |         |         |         |         |         |         |         |       |



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**QC CERTIFICATE OF ANALYSIS SD21034326**

| Sample Description         | Method Analyte Units LOD | ME-MS61 | ME-MS61 | ME-MS61 | Cu-OG62 | Ni-OG62 |
|----------------------------|--------------------------|---------|---------|---------|---------|---------|
|                            |                          | Y ppm   | Zn ppm  | Zr ppm  | Cu %    | Ni %    |
|                            |                          | 0.1     | 2       | 0.5     | 0.001   | 0.001   |
| <b>STANDARDS</b>           |                          |         |         |         |         |         |
| EMOG-17                    |                          | 16.8    | 7570    | 66.5    |         |         |
| Target Range - Lower Bound |                          | 14.3    | 6800    | 55.6    |         |         |
| Upper Bound                |                          | 17.7    | 8320    | 76.4    |         |         |
| MGeo08                     |                          | 24.7    | 835     | 111.5   |         |         |
| Target Range - Lower Bound |                          | 23.8    | 722     | 92.2    |         |         |
| Upper Bound                |                          | 29.3    | 886     | 126.0   |         |         |
| OREAS 905                  |                          | 16.6    | 144     | 264     |         |         |
| Target Range - Lower Bound |                          | 14.0    | 122     | 214     |         |         |
| Upper Bound                |                          | 17.4    | 154     | 290     |         |         |
| OREAS 920                  |                          | 32.2    | 114     | 160.5   |         |         |
| Target Range - Lower Bound |                          | 29.8    | 102     | 128.0   |         |         |
| Upper Bound                |                          | 36.6    | 130     | 174.0   |         |         |
| OREAS 932                  |                          |         |         |         | 6.25    | 0.004   |
| Target Range - Lower Bound |                          |         |         |         | 5.91    |         |
| Upper Bound                |                          |         |         |         | 6.35    |         |
| OREAS-133a                 |                          |         |         |         | 0.031   | 0.002   |
| Target Range - Lower Bound |                          |         |         |         | 0.030   | <0.001  |
| Upper Bound                |                          |         |         |         | 0.034   | 0.004   |
| OREAS-134b                 |                          |         |         |         | 0.136   | 0.006   |
| Target Range - Lower Bound |                          |         |         |         | 0.129   | <0.001  |
| Upper Bound                |                          |         |         |         | 0.141   | 0.004   |
| OREAS-74a                  |                          |         |         |         | 0.121   | 3.13    |
| Target Range - Lower Bound |                          |         |         |         |         | 3.03    |
| Upper Bound                |                          |         |         |         |         | 3.25    |
| <b>BLANKS</b>              |                          |         |         |         |         |         |
| BLANK                      |                          | <0.1    | <2      | <0.5    |         |         |
| BLANK                      |                          | <0.1    | <2      | <0.5    |         |         |
| Target Range - Lower Bound |                          | <0.1    | <2      | <0.5    |         |         |
| Upper Bound                |                          | 0.2     | 4       | 1.0     |         |         |
| BLANK                      |                          |         |         |         | <0.001  | <0.001  |
| Target Range - Lower Bound |                          |         |         |         | <0.001  | <0.001  |
| Upper Bound                |                          |         |         |         | 0.002   | 0.002   |



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**QC CERTIFICATE OF ANALYSIS SD21034326**

| Sample Description         | Method<br>Analyte<br>Units<br>LOD | ME-MS61           | ME-MS61 | ME-MS61   | ME-MS61   | ME-MS61   | ME-MS61   | ME-MS61 | ME-MS61   | ME-MS61   | ME-MS61   | ME-MS61   | ME-MS61   | ME-MS61   | ME-MS61 |           |
|----------------------------|-----------------------------------|-------------------|---------|-----------|-----------|-----------|-----------|---------|-----------|-----------|-----------|-----------|-----------|-----------|---------|-----------|
|                            |                                   | Ag<br>ppm         | Al<br>% | As<br>ppm | Ba<br>ppm | Be<br>ppm | Bi<br>ppm | Ca<br>% | Cd<br>ppm | Ce<br>ppm | Co<br>ppm | Cr<br>ppm | Cs<br>ppm | Cu<br>ppm | Fe<br>% | Ga<br>ppm |
|                            |                                   | 0.01              | 0.01    | 0.2       | 10        | 0.05      | 0.01      | 0.01    | 0.02      | 0.01      | 0.1       | 1         | 0.05      | 0.2       | 0.01    | 0.05      |
|                            |                                   | <b>DUPLICATES</b> |         |           |           |           |           |         |           |           |           |           |           |           |         |           |
| ORIGINAL                   |                                   | 0.07              | 9.39    | 67.6      | 600       | 2.43      | 0.37      | 0.47    | 0.06      | 68.4      | 21.9      | 71        | 3.10      | 56.9      | 5.30    | 25.5      |
| DUP                        |                                   | 0.06              | 9.84    | 66.0      | 620       | 2.31      | 0.35      | 0.49    | 0.06      | 69.3      | 23.2      | 73        | 3.12      | 54.1      | 5.54    | 25.6      |
| Target Range – Lower Bound |                                   | 0.05              | 9.12    | 63.3      | 550       | 2.20      | 0.33      | 0.45    | 0.04      | 65.4      | 21.3      | 67        | 2.90      | 53.4      | 5.14    | 24.2      |
| Upper Bound                |                                   | 0.08              | 10.10   | 70.3      | 670       | 2.54      | 0.39      | 0.51    | 0.08      | 72.3      | 23.8      | 77        | 3.32      | 57.6      | 5.70    | 26.9      |
| 18897                      |                                   | 1.99              | 5.96    | 14.5      | 320       | 1.29      | 0.08      | 1.97    | 0.12      | 43.4      | 31.7      | 4         | 0.35      | 27.2      | 10.20   | 20.8      |
| DUP                        |                                   | 1.94              | 6.02    | 15.3      | 320       | 1.25      | 0.08      | 1.99    | 0.12      | 45.9      | 34.1      | 4         | 0.37      | 27.9      | 10.30   | 22.0      |
| Target Range – Lower Bound |                                   | 1.86              | 5.68    | 14.0      | 290       | 1.16      | 0.07      | 1.87    | 0.09      | 42.4      | 31.2      | 3         | 0.29      | 26.4      | 9.73    | 20.3      |
| Upper Bound                |                                   | 2.07              | 6.30    | 15.8      | 350       | 1.38      | 0.09      | 2.09    | 0.15      | 46.9      | 34.6      | 5         | 0.43      | 28.7      | 10.75   | 22.5      |

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**QC CERTIFICATE OF ANALYSIS SD21034326**

| Sample Description         | Method Analyte Units LOD | ME-MS61<br>Ge<br>ppm<br>0.05 | ME-MS61<br>Hf<br>ppm<br>0.1 | ME-MS61<br>In<br>ppm<br>0.005 | ME-MS61<br>K<br>%<br>0.01 | ME-MS61<br>La<br>ppm<br>0.5 | ME-MS61<br>Li<br>ppm<br>0.2 | ME-MS61<br>Mg<br>%<br>0.01 | ME-MS61<br>Mn<br>ppm<br>5 | ME-MS61<br>Mo<br>ppm<br>0.05 | ME-MS61<br>Na<br>%<br>0.01 | ME-MS61<br>Nb<br>ppm<br>0.1 | ME-MS61<br>Ni<br>ppm<br>0.2 | ME-MS61<br>P<br>ppm<br>10 | ME-MS61<br>Pb<br>ppm<br>0.5 | ME-MS61<br>Rb<br>ppm<br>0.1 |
|----------------------------|--------------------------|------------------------------|-----------------------------|-------------------------------|---------------------------|-----------------------------|-----------------------------|----------------------------|---------------------------|------------------------------|----------------------------|-----------------------------|-----------------------------|---------------------------|-----------------------------|-----------------------------|
|                            | <b>DUPLICATES</b>        |                              |                             |                               |                           |                             |                             |                            |                           |                              |                            |                             |                             |                           |                             |                             |
| ORIGINAL                   |                          | 0.14                         | 3.9                         | 0.085                         | 2.96                      | 31.7                        | 56.9                        | 1.68                       | 615                       | 0.59                         | 0.72                       | 15.5                        | 39.9                        | 480                       | 7.9                         | 118.5                       |
| DUP                        |                          | 0.12                         | 3.8                         | 0.091                         | 3.10                      | 32.7                        | 52.6                        | 1.75                       | 643                       | 0.61                         | 0.76                       | 15.3                        | 40.2                        | 500                       | 8.3                         | 123.5                       |
| Target Range – Lower Bound |                          | 0.07                         | 3.6                         | 0.079                         | 2.87                      | 30.1                        | 51.8                        | 1.62                       | 593                       | 0.52                         | 0.69                       | 14.5                        | 37.8                        | 460                       | 7.2                         | 115.0                       |
| Upper Bound                |                          | 0.19                         | 4.1                         | 0.097                         | 3.19                      | 34.3                        | 57.7                        | 1.81                       | 665                       | 0.68                         | 0.79                       | 16.3                        | 42.3                        | 520                       | 9.0                         | 127.0                       |
| 18897                      |                          | 0.08                         | 4.8                         | 0.156                         | 0.97                      | 19.4                        | 11.5                        | 1.06                       | 1100                      | 1.00                         | 3.80                       | 8.0                         | 0.7                         | 800                       | 47.9                        | 28.2                        |
| DUP                        |                          | 0.09                         | 5.0                         | 0.156                         | 0.99                      | 20.8                        | 11.4                        | 1.07                       | 1090                      | 1.15                         | 3.85                       | 8.6                         | 1.3                         | 810                       | 48.8                        | 29.5                        |
| Target Range – Lower Bound |                          | <0.05                        | 4.6                         | 0.143                         | 0.92                      | 18.6                        | 10.7                        | 1.00                       | 1035                      | 0.97                         | 3.62                       | 7.8                         | 0.8                         | 750                       | 45.4                        | 27.3                        |
| Upper Bound                |                          | 0.10                         | 5.2                         | 0.169                         | 1.04                      | 21.6                        | 12.2                        | 1.13                       | 1155                      | 1.18                         | 4.03                       | 8.8                         | 1.3                         | 860                       | 51.3                        | 30.4                        |
|                            |                          |                              |                             |                               |                           |                             |                             |                            |                           |                              |                            |                             |                             |                           |                             |                             |

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**QC CERTIFICATE OF ANALYSIS SD21034326**

| Sample Description         | Method Analyte Units LOD | ME-MS61<br>Re<br>ppm<br>0.002 | ME-MS61<br>S<br>%<br>0.01 | ME-MS61<br>Sb<br>ppm<br>0.05 | ME-MS61<br>Sc<br>ppm<br>0.1 | ME-MS61<br>Se<br>ppm<br>1 | ME-MS61<br>Sn<br>ppm<br>0.2 | ME-MS61<br>Sr<br>ppm<br>0.2 | ME-MS61<br>Ta<br>ppm<br>0.05 | ME-MS61<br>Te<br>ppm<br>0.05 | ME-MS61<br>Th<br>ppm<br>0.01 | ME-MS61<br>Ti<br>%<br>0.005 | ME-MS61<br>Tl<br>ppm<br>0.02 | ME-MS61<br>U<br>ppm<br>0.1 | ME-MS61<br>V<br>ppm<br>1 | ME-MS61<br>W<br>ppm<br>0.1 |
|----------------------------|--------------------------|-------------------------------|---------------------------|------------------------------|-----------------------------|---------------------------|-----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|------------------------------|----------------------------|--------------------------|----------------------------|
|                            | <b>DUPLICATES</b>        |                               |                           |                              |                             |                           |                             |                             |                              |                              |                              |                             |                              |                            |                          |                            |
| ORIGINAL                   |                          | <0.002                        | 0.09                      | 0.18                         | 21.1                        | <1                        | 2.6                         | 76.0                        | 0.88                         | <0.05                        | 9.18                         | 0.509                       | 0.58                         | 1.8                        | 114                      | 4.0                        |
| DUP                        |                          | <0.002                        | 0.09                      | 0.20                         | 21.2                        | <1                        | 2.5                         | 79.0                        | 0.89                         | <0.05                        | 9.31                         | 0.513                       | 0.62                         | 1.9                        | 118                      | 4.0                        |
| Target Range – Lower Bound |                          | <0.002                        | 0.08                      | 0.13                         | 20.0                        | <1                        | 2.2                         | 73.4                        | 0.79                         | <0.05                        | 8.77                         | 0.480                       | 0.54                         | 1.7                        | 109                      | 3.6                        |
| Upper Bound                |                          | 0.004                         | 0.10                      | 0.25                         | 22.3                        | 2                         | 2.9                         | 81.6                        | 0.98                         | 0.10                         | 9.72                         | 0.542                       | 0.67                         | 2.0                        | 123                      | 4.4                        |
| 18897                      |                          | 0.002                         | 0.24                      | 1.02                         | 29.7                        | <1                        | 1.2                         | 63.2                        | 0.57                         | <0.05                        | 5.89                         | 0.841                       | 0.10                         | 2.4                        | 107                      | 0.3                        |
| DUP                        |                          | 0.003                         | 0.25                      | 1.12                         | 31.2                        | 1                         | 1.2                         | 66.7                        | 0.57                         | <0.05                        | 6.31                         | 0.843                       | 0.11                         | 2.7                        | 109                      | 0.3                        |
| Target Range – Lower Bound |                          | <0.002                        | 0.22                      | 0.94                         | 28.8                        | <1                        | 0.9                         | 61.5                        | 0.49                         | <0.05                        | 5.79                         | 0.795                       | 0.08                         | 2.3                        | 102                      | 0.2                        |
| Upper Bound                |                          | 0.004                         | 0.27                      | 1.20                         | 32.1                        | 2                         | 1.5                         | 68.4                        | 0.65                         | 0.10                         | 6.42                         | 0.889                       | 0.13                         | 2.8                        | 114                      | 0.4                        |
|                            |                          |                               |                           |                              |                             |                           |                             |                             |                              |                              |                              |                             |                              |                            |                          |                            |

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**QC CERTIFICATE OF ANALYSIS SD21034326**

| Sample Description         | Method Analyte Units LOD | ME-MS61<br>Y<br>ppm<br>0.1 | ME-MS61<br>Zn<br>ppm<br>2 | ME-MS61<br>Zr<br>ppm<br>0.5 | Cu-OG62<br>Cu<br>%<br>0.001 | Ni-OG62<br>Ni<br>%<br>0.001 |
|----------------------------|--------------------------|----------------------------|---------------------------|-----------------------------|-----------------------------|-----------------------------|
| <b>DUPLICATES</b>          |                          |                            |                           |                             |                             |                             |
| ORIGINAL                   |                          | 12.5                       | 112                       | 147.0                       |                             |                             |
| DUP                        |                          | 12.8                       | 115                       | 150.5                       |                             |                             |
| Target Range – Lower Bound |                          | 11.9                       | 106                       | 137.0                       |                             |                             |
| Upper Bound                |                          | 13.4                       | 121                       | 160.5                       |                             |                             |
| 18897                      |                          | 42.5                       | 75                        | 174.5                       |                             |                             |
| DUP                        |                          | 45.8                       | 76                        | 190.0                       |                             |                             |
| Target Range – Lower Bound |                          | 41.8                       | 70                        | 168.0                       |                             |                             |
| Upper Bound                |                          | 46.5                       | 81                        | 196.5                       |                             |                             |
|                            |                          |                            |                           |                             |                             |                             |



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**QC CERTIFICATE OF ANALYSIS SD21034326**

|                    | <b>CERTIFICATE COMMENTS</b>   |         |         |         |         |        |        |        |        |
|--------------------|---|---------|---------|---------|---------|--------|--------|--------|--------|
| Applies to Method: | <p style="text-align: center;"><b>ANALYTICAL COMMENTS</b></p> <p>REEs may not be totally soluble in this method.<br/>           ME-MS61</p>   |         |         |         |         |        |        |        |        |
| Applies to Method: | <p style="text-align: center;"><b>LABORATORY ADDRESSES</b></p> <p>Processed at ALS Sudbury located at 1351-B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">CRU-31</td> <td style="width: 33%;">CRU-QC</td> <td style="width: 33%;">LOG-22</td> <td style="width: 33%;">LOG-23</td> </tr> <tr> <td>PUL-31</td> <td>PUL-QC</td> <td>SPL-21</td> <td>WEI-21</td> </tr> </table> | CRU-31  | CRU-QC  | LOG-22  | LOG-23  | PUL-31 | PUL-QC | SPL-21 | WEI-21 |
| CRU-31             | CRU-QC  | LOG-22  | LOG-23  |         |         |        |        |        |        |
| PUL-31             | PUL-QC  | SPL-21  | WEI-21  |         |         |        |        |        |        |
| Applies to Method: | <p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">Cu-OG62</td> <td style="width: 33%;">ME-MS61</td> <td style="width: 33%;">ME-OG62</td> <td style="width: 33%;">Ni-OG62</td> </tr> </table>  | Cu-OG62 | ME-MS61 | ME-OG62 | Ni-OG62 |        |        |        |        |
| Cu-OG62            | ME-MS61   | ME-OG62 | Ni-OG62 |         |         |        |        |        |        |



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**CERTIFICATE SD21034328**

Project: Elk Lake –Cotley  
 P.O. No.: AGSC11032  
 This report is for 31 samples of Drill Core submitted to our lab in Sudbury, ON, Canada on 12-FEB-2021.  
 The following have access to data associated with this certificate:

|  |                                   |                             |
|--|-----------------------------------|-----------------------------|
| PETER DOYLE<br>NICO KASTEK<br>RYAN WELLS | MIKE HENDRICKSON<br>FRANK PLOEGER | SEAN HICKS<br>STEVE TRIMMER |
|--|-----------------------------------|-----------------------------|

| SAMPLE PREPARATION |                                 |
|--------------------|---------------------------------|
| ALS CODE           | DESCRIPTION                     |
| WEI-21             | Received Sample Weight          |
| CRU-QC             | Crushing QC Test                |
| PUL-QC             | Pulverizing QC Test             |
| LOG-22             | Sample login – Rcd w/o BarCode  |
| CRU-31             | Fine crushing – 70% <2mm        |
| SPL-21             | Split sample – riffle splitter  |
| PUL-31             | Pulverize up to 250g 85% <75 um |

| ANALYTICAL PROCEDURES |                             |            |
|-----------------------|-----------------------------|------------|
| ALS CODE              | DESCRIPTION                 | INSTRUMENT |
| ME-MS61               | 48 element four acid ICP-MS |            |

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:   
 Saa Traxler, General Manager, North Vancouver



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**CERTIFICATE OF ANALYSIS SD21034328**

| Sample Description | Method Analyte Units LOD | WEI-21       | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 |
|--------------------|--------------------------|--------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
|                    |                          | Recvd Wt. kg | Ag ppm  | Al %    | As ppm  | Ba ppm  | Be ppm  | Bi ppm  | Ca %    | Cd ppm  | Ce ppm  | Co ppm  | Cr ppm  | Cs ppm  | Cu ppm  | Fe %    |
|                    |                          | 0.02         | 0.01    | 0.01    | 0.2     | 10      | 0.05    | 0.01    | 0.01    | 0.02    | 0.01    | 0.1     | 1       | 0.05    | 0.2     | 0.01    |
| R2017              |                          | 0.92         | 0.62    | 6.57    | 20.3    | 390     | 0.81    | 0.10    | 3.64    | 0.08    | 34.6    | 42.1    | 6       | 0.17    | 30.2    | 10.90   |
| R2018              |                          | 0.98         | 0.63    | 6.54    | 24.5    | 410     | 0.82    | 0.05    | 3.55    | 1.05    | 35.7    | 43.3    | 4       | 0.43    | 24.5    | 11.05   |
| R2019              |                          | 0.98         | 0.64    | 6.53    | 29.6    | 480     | 0.84    | 0.06    | 3.42    | 0.20    | 33.8    | 44.9    | 2       | 0.87    | 18.1    | 11.40   |
| R2020              |                          | 0.57         | 0.87    | 6.28    | 33.4    | 4710    | 0.92    | 0.12    | 6.98    | 0.04    | 48.2    | 41.6    | 2       | 0.94    | 201     | 9.30    |
| R2021              |                          | 0.85         | 0.41    | 6.58    | 28.5    | 590     | 0.82    | 0.05    | 3.04    | 0.05    | 40.9    | 44.4    | 4       | 1.29    | 14.5    | 11.25   |
| R2022              |                          | 0.96         | 0.51    | 6.29    | 30.2    | 560     | 0.84    | 0.06    | 2.72    | 0.04    | 65.2    | 44.8    | 3       | 1.38    | 15.3    | 10.35   |
| R2023              |                          | 1.46         | 0.32    | 6.87    | 24.1    | 530     | 0.99    | 0.05    | 3.24    | 0.03    | 35.5    | 42.0    | 2       | 1.20    | 11.5    | 11.50   |
| R2024              |                          | 1.37         | 0.43    | 6.65    | 18.7    | 360     | 0.90    | 0.05    | 2.62    | 0.05    | 45.8    | 40.4    | 2       | 0.65    | 18.6    | 11.05   |
| R2025              |                          | 0.47         | 0.01    | 0.09    | 0.3     | 10      | <0.05   | 0.02    | 31.5    | 0.02    | 1.19    | 0.7     | 1       | <0.05   | 0.9     | 0.17    |
| R2026              |                          | 1.24         | 0.61    | 6.55    | 13.5    | 360     | 0.98    | 0.05    | 2.42    | 0.09    | 45.8    | 28.1    | 5       | 0.55    | 18.5    | 9.85    |
| R2027              |                          | 1.33         | 0.51    | 6.46    | 21.7    | 520     | 0.96    | 0.06    | 2.67    | 0.17    | 51.9    | 29.6    | 4       | 0.98    | 18.4    | 9.48    |
| R2028              |                          | 2.08         | 0.67    | 6.34    | 24.3    | 580     | 1.03    | 0.08    | 2.22    | 0.74    | 54.3    | 30.1    | 7       | 1.85    | 15.4    | 10.60   |
| R2029              |                          | 0.96         | 0.97    | 6.46    | 24.7    | 560     | 1.73    | 0.17    | 1.94    | 2.82    | 54.2    | 31.8    | 8       | 1.44    | 84.4    | 10.65   |
| R2030              |                          | 0.94         | 0.71    | 6.20    | 22.6    | 740     | 1.14    | 0.08    | 1.96    | 1.18    | 54.0    | 27.8    | 6       | 1.85    | 15.3    | 10.10   |
| R2031              |                          | 0.64         | 0.62    | 6.34    | 22.8    | 850     | 1.15    | 0.06    | 2.06    | 0.18    | 72.5    | 29.9    | 5       | 1.62    | 14.0    | 9.94    |
| R2032              |                          | 1.06         | 4.10    | 6.36    | 20.4    | 830     | 1.38    | 0.10    | 1.44    | 0.26    | 72.8    | 25.6    | 6       | 0.75    | 24.6    | 9.84    |
| R2033              |                          | 1.22         | 1.11    | 6.25    | 17.5    | 790     | 1.57    | 0.08    | 1.40    | 0.36    | 58.4    | 16.6    | 12      | 1.23    | 16.6    | 7.42    |
| R2034              |                          | 1.23         | 4.54    | 6.12    | 20.7    | 690     | 1.83    | 0.12    | 1.43    | 2.22    | 66.5    | 17.9    | 9       | 0.47    | 29.4    | 6.97    |
| R2035              |                          | 1.15         | 5.65    | 5.51    | 27.9    | 130     | 1.33    | 0.72    | 1.37    | 3.58    | 73.8    | 22.7    | 14      | 0.39    | 537     | 8.23    |
| R2036              |                          | 1.22         | 1.95    | 6.10    | 19.4    | 80      | 1.45    | 1.01    | 0.77    | 0.04    | 57.3    | 19.2    | 11      | 0.18    | 87.1    | 7.76    |
| R2037              |                          | 1.10         | 2.95    | 5.81    | 23.4    | 180     | 1.68    | 0.85    | 0.41    | 0.19    | 87.1    | 23.6    | 13      | 0.14    | 73.8    | 7.12    |
| R2038              |                          | 1.37         | 1.81    | 5.98    | 18.4    | 170     | 1.41    | 0.56    | 0.54    | 0.02    | 42.5    | 21.2    | 15      | 0.11    | 99.4    | 9.02    |
| R2039              |                          | 1.27         | 1.82    | 6.03    | 45.1    | 130     | 1.24    | 0.92    | 0.48    | 0.02    | 78.3    | 25.4    | 14      | 0.10    | 191.5   | 9.71    |
| R2040              |                          | 0.66         | 3.50    | 5.77    | 43.7    | 60      | 1.31    | 2.23    | 0.71    | 0.03    | 43.2    | 39.7    | 10      | 0.19    | 234     | 10.10   |
| R2041              |                          | 0.44         | 17.85   | 5.26    | 37.6    | 100     | 0.99    | 21.1    | 7.27    | 0.03    | 38.8    | 148.0   | 10      | 0.20    | 491     | 5.63    |
| R2042              |                          | 0.52         | 17.05   | 5.85    | 41.7    | 130     | 1.33    | 0.79    | 1.44    | 0.23    | 46.9    | 42.5    | 14      | 0.21    | 301     | 9.35    |
| R2043              |                          | 0.89         | 2.66    | 5.96    | 22.6    | 500     | 1.60    | 0.22    | 1.37    | 0.09    | 81.0    | 26.3    | 12      | 0.77    | 49.2    | 9.20    |
| R2044              |                          | 1.27         | 2.83    | 6.20    | 18.4    | 600     | 1.48    | 0.09    | 1.64    | 0.24    | 70.2    | 18.0    | 8       | 1.58    | 15.8    | 8.62    |
| R2045              |                          | 1.40         | 0.78    | 6.05    | 19.0    | 620     | 1.45    | 0.04    | 1.77    | 0.08    | 61.7    | 19.2    | 7       | 2.70    | 13.0    | 10.15   |
| R2046              |                          | 1.31         | 0.68    | 6.06    | 20.0    | 530     | 1.34    | 0.04    | 1.78    | 1.10    | 56.9    | 19.2    | 5       | 3.11    | 16.8    | 10.70   |
| R2047              |                          | 1.05         | 1.14    | 6.04    | 30.3    | 660     | 1.62    | 0.07    | 2.35    | 0.49    | 53.8    | 20.1    | 8       | 2.88    | 46.8    | 9.98    |



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To: NORTH AMERICAN COBALT – BATTERY  
 MINERALS RESOURCES  
 THE PACIFIC BUILDING  
 SUITE 400, 744 WEST HASTINGS STREET  
 VANCOUVER BC V6C 1A5

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 Total # Pages: 2 (A – D)  
 Plus Appendix Pages  
 Finalized Date: 20–MAR–2021  
 Account: BMRPLLBW

**CERTIFICATE OF ANALYSIS SD21034328**

| Sample Description | Method<br>Analyte<br>Units<br>LOD | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 |       |
|--------------------|-----------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-------|
|                    |                                   | Ga      | Ge      | Hf      | In      | K       | La      | Li      | Mg      | Mn      | Mo      | Na      | Nb      | Ni      | P       | Pb    |
|                    |                                   | ppm     | ppm     | ppm     | ppm     | %       | ppm     | ppm     | %       | ppm     | ppm     | %       | ppm     | ppm     | ppm     | ppm   |
|                    |                                   | 0.05    | 0.05    | 0.1     | 0.005   | 0.01    | 0.5     | 0.2     | 0.01    | 5       | 0.05    | 0.01    | 0.1     | 0.2     | 10      | 0.5   |
| R2017              |                                   | 19.10   | 0.06    | 3.4     | 0.131   | 1.14    | 16.7    | 9.4     | 1.74    | 1350    | 1.05    | 3.56    | 5.4     | 7.9     | 660     | 24.7  |
| R2018              |                                   | 21.5    | 0.08    | 3.9     | 0.131   | 1.25    | 17.4    | 11.4    | 1.82    | 1670    | 1.32    | 3.41    | 6.1     | 8.3     | 690     | 121.0 |
| R2019              |                                   | 21.7    | 0.06    | 3.4     | 0.108   | 1.04    | 16.0    | 13.1    | 1.83    | 1830    | 1.31    | 3.21    | 5.5     | 8.4     | 640     | 24.6  |
| R2020              |                                   | 20.1    | 0.08    | 3.6     | 0.190   | 0.88    | 22.5    | 15.8    | 1.47    | 1820    | 1.02    | 3.11    | 5.4     | 8.4     | 640     | 9.6   |
| R2021              |                                   | 20.8    | 0.07    | 3.8     | 0.105   | 1.18    | 19.4    | 13.5    | 1.61    | 1720    | 1.21    | 3.22    | 6.7     | 7.0     | 710     | 5.0   |
| R2022              |                                   | 21.5    | 0.10    | 4.2     | 0.103   | 1.05    | 32.4    | 12.7    | 1.44    | 1610    | 0.96    | 3.27    | 6.7     | 10.0    | 750     | 5.1   |
| R2023              |                                   | 22.6    | 0.06    | 3.5     | 0.119   | 1.28    | 16.6    | 13.1    | 1.62    | 1820    | 1.02    | 3.39    | 6.8     | 6.4     | 690     | 4.5   |
| R2024              |                                   | 21.7    | 0.08    | 4.3     | 0.130   | 1.06    | 21.3    | 10.4    | 1.41    | 1460    | 0.90    | 3.75    | 6.7     | 4.1     | 750     | 22.0  |
| R2025              |                                   | 0.29    | 0.05    | 0.1     | <0.005  | 0.01    | 1.3     | 1.6     | 4.35    | 169     | 0.06    | 0.05    | 0.1     | 0.7     | 70      | 0.7   |
| R2026              |                                   | 21.0    | 0.06    | 4.6     | 0.137   | 1.11    | 21.1    | 8.5     | 1.14    | 1290    | 1.28    | 3.76    | 7.9     | 1.7     | 900     | 48.1  |
| R2027              |                                   | 21.2    | 0.07    | 4.8     | 0.143   | 1.09    | 24.4    | 8.6     | 1.18    | 1520    | 1.32    | 3.67    | 7.7     | 1.2     | 900     | 47.9  |
| R2028              |                                   | 21.5    | 0.07    | 5.0     | 0.141   | 1.14    | 25.7    | 12.7    | 1.01    | 1880    | 1.44    | 3.23    | 8.6     | 0.5     | 900     | 115.5 |
| R2029              |                                   | 22.3    | 0.08    | 5.1     | 0.237   | 1.04    | 25.2    | 22.3    | 1.30    | 1520    | 2.11    | 3.04    | 9.7     | 0.5     | 950     | 1025  |
| R2030              |                                   | 21.8    | 0.08    | 5.4     | 0.157   | 1.29    | 24.8    | 13.7    | 0.89    | 1780    | 1.41    | 3.08    | 8.5     | 0.4     | 960     | 133.0 |
| R2031              |                                   | 22.5    | 0.09    | 5.5     | 0.150   | 1.56    | 37.3    | 11.5    | 0.83    | 1900    | 1.35    | 3.21    | 9.2     | 0.5     | 920     | 33.5  |
| R2032              |                                   | 21.4    | 0.09    | 5.9     | 0.125   | 1.89    | 36.4    | 12.7    | 0.75    | 1300    | 1.56    | 3.17    | 10.5    | 3.8     | 1010    | 42.1  |
| R2033              |                                   | 22.3    | 0.09    | 6.7     | 0.143   | 1.89    | 26.7    | 12.8    | 0.59    | 1180    | 2.05    | 3.01    | 10.9    | 1.5     | 1180    | 31.5  |
| R2034              |                                   | 22.9    | 0.10    | 7.0     | 0.188   | 1.41    | 31.6    | 19.8    | 1.00    | 821     | 1.75    | 2.96    | 11.7    | 0.6     | 1120    | 420   |
| R2035              |                                   | 21.5    | 0.12    | 6.9     | 0.162   | 0.22    | 37.3    | 24.7    | 1.30    | 648     | 2.01    | 3.07    | 8.7     | 6.3     | 600     | 993   |
| R2036              |                                   | 21.7    | 0.12    | 5.8     | 0.084   | 0.43    | 26.0    | 19.6    | 0.96    | 425     | 1.67    | 3.66    | 8.7     | 0.9     | 700     | 54.0  |
| R2037              |                                   | 20.3    | 0.12    | 6.7     | 0.111   | 1.68    | 45.2    | 17.8    | 0.86    | 393     | 1.75    | 2.83    | 8.8     | 1.7     | 590     | 138.5 |
| R2038              |                                   | 19.80   | 0.10    | 6.5     | 0.073   | 1.25    | 20.5    | 17.1    | 0.74    | 354     | 2.30    | 3.30    | 10.0    | 0.6     | 770     | 48.7  |
| R2039              |                                   | 20.5    | 0.11    | 5.9     | 0.073   | 0.89    | 38.3    | 20.7    | 0.83    | 378     | 1.90    | 3.45    | 9.2     | 1.2     | 830     | 67.1  |
| R2040              |                                   | 20.8    | 0.10    | 5.8     | 0.062   | 0.16    | 18.4    | 20.7    | 0.86    | 378     | 1.56    | 3.67    | 8.0     | 3.0     | 1020    | 83.9  |
| R2041              |                                   | 22.0    | 0.08    | 5.1     | 0.101   | 0.17    | 17.8    | 23.6    | 1.06    | 638     | 1.62    | 3.25    | 8.3     | 27.5    | 1010    | 97.1  |
| R2042              |                                   | 21.4    | 0.12    | 6.1     | 0.066   | 0.35    | 22.3    | 22.8    | 0.94    | 465     | 2.08    | 3.50    | 8.8     | 4.1     | 980     | 191.5 |
| R2043              |                                   | 22.3    | 0.13    | 6.2     | 0.138   | 1.40    | 43.6    | 16.7    | 0.79    | 806     | 1.82    | 3.24    | 10.2    | 1.3     | 1140    | 32.5  |
| R2044              |                                   | 20.8    | 0.16    | 5.8     | 0.193   | 1.69    | 34.7    | 7.9     | 0.47    | 1320    | 1.62    | 3.69    | 10.0    | 0.7     | 1390    | 19.5  |
| R2045              |                                   | 21.3    | 0.15    | 5.8     | 0.146   | 1.22    | 28.5    | 9.5     | 0.45    | 1640    | 1.56    | 3.54    | 9.9     | 0.3     | 1490    | 16.0  |
| R2046              |                                   | 20.5    | 0.12    | 5.4     | 0.144   | 1.10    | 27.6    | 12.4    | 0.61    | 1640    | 1.32    | 3.45    | 9.8     | 0.2     | 1610    | 129.5 |
| R2047              |                                   | 20.8    | 0.12    | 5.6     | 0.160   | 1.33    | 25.9    | 18.9    | 0.75    | 1480    | 1.62    | 3.14    | 9.6     | 1.3     | 1820    | 129.5 |



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To: NORTH AMERICAN COBALT – BATTERY  
 MINERALS RESOURCES  
 THE PACIFIC BUILDING  
 SUITE 400, 744 WEST HASTINGS STREET  
 VANCOUVER BC V6C 1A5

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 Finalized Date: 20–MAR–2021  
 Account: BMRPLLBW

**CERTIFICATE OF ANALYSIS SD21034328**

| Sample Description | Method Analyte Units LOD | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 |       |
|--------------------|--------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-------|
|                    |                          | Rb ppm  | Re ppm  | S %     | Sb ppm  | Sc ppm  | Se ppm  | Sn ppm  | Sr ppm  | Ta ppm  | Te ppm  | Th ppm  | Ti %    | Tl ppm  | U ppm   | V ppm |
|                    |                          | 0.1     | 0.002   | 0.01    | 0.05    | 0.1     | 1       | 0.2     | 0.2     | 0.05    | 0.05    | 0.01    | 0.005   | 0.02    | 0.1     | 1     |
| R2017              |                          | 39.3    | 0.003   | 0.21    | 1.08    | 37.1    | <1      | 1.1     | 83.1    | 0.39    | <0.05   | 4.15    | 0.969   | 0.12    | 1.8     | 446   |
| R2018              |                          | 44.2    | 0.003   | 0.10    | 1.15    | 40.5    | 1       | 1.2     | 95.0    | 0.44    | <0.05   | 4.50    | 1.045   | 0.14    | 1.7     | 454   |
| R2019              |                          | 43.6    | 0.005   | 0.09    | 0.98    | 39.2    | <1      | 1.1     | 121.5   | 0.41    | <0.05   | 4.03    | 0.982   | 0.16    | 1.5     | 464   |
| R2020              |                          | 38.8    | 0.004   | 0.23    | 0.66    | 36.8    | <1      | 1.3     | 212     | 0.41    | <0.05   | 4.28    | 0.921   | 0.14    | 1.5     | 426   |
| R2021              |                          | 47.3    | 0.004   | 0.08    | 0.75    | 38.3    | <1      | 1.3     | 129.0   | 0.45    | <0.05   | 4.70    | 0.983   | 0.17    | 1.6     | 416   |
| R2022              |                          | 42.4    | 0.003   | 0.09    | 0.69    | 34.8    | <1      | 1.2     | 116.5   | 0.47    | <0.05   | 5.54    | 0.770   | 0.17    | 1.8     | 278   |
| R2023              |                          | 52.3    | 0.002   | 0.07    | 0.76    | 40.7    | <1      | 1.3     | 132.0   | 0.45    | <0.05   | 4.18    | 0.978   | 0.17    | 1.5     | 366   |
| R2024              |                          | 39.4    | 0.002   | 0.15    | 0.63    | 36.8    | 1       | 1.3     | 91.1    | 0.46    | <0.05   | 5.63    | 0.922   | 0.13    | 2.0     | 280   |
| R2025              |                          | 0.2     | <0.002  | <0.01   | 0.10    | 0.2     | 1       | <0.2    | 64.7    | <0.05   | <0.05   | 0.07    | 0.009   | <0.02   | 0.2     | 3     |
| R2026              |                          | 37.3    | 0.003   | 0.12    | 0.71    | 30.7    | <1      | 1.5     | 86.8    | 0.55    | <0.05   | 5.62    | 0.791   | 0.13    | 2.1     | 161   |
| R2027              |                          | 37.5    | 0.005   | 0.09    | 0.90    | 29.2    | <1      | 1.5     | 97.7    | 0.53    | <0.05   | 5.90    | 0.826   | 0.14    | 2.3     | 144   |
| R2028              |                          | 38.3    | 0.002   | 0.11    | 0.74    | 28.3    | <1      | 1.4     | 115.0   | 0.60    | <0.05   | 6.00    | 0.921   | 0.15    | 2.0     | 87    |
| R2029              |                          | 29.0    | 0.004   | 0.10    | 0.72    | 28.0    | <1      | 1.4     | 90.4    | 0.66    | <0.05   | 6.51    | 0.888   | 0.12    | 2.3     | 67    |
| R2030              |                          | 40.3    | 0.002   | 0.09    | 0.72    | 27.3    | <1      | 1.4     | 114.0   | 0.58    | <0.05   | 6.99    | 0.801   | 0.15    | 2.4     | 59    |
| R2031              |                          | 42.0    | 0.002   | 0.10    | 0.70    | 27.5    | <1      | 1.5     | 110.5   | 0.65    | <0.05   | 6.93    | 0.852   | 0.17    | 2.1     | 50    |
| R2032              |                          | 42.1    | 0.002   | 0.06    | 0.73    | 24.2    | <1      | 1.5     | 76.0    | 0.73    | <0.05   | 7.51    | 0.760   | 0.18    | 2.2     | 21    |
| R2033              |                          | 44.1    | 0.002   | 0.07    | 0.61    | 16.9    | <1      | 1.0     | 87.7    | 0.75    | <0.05   | 8.49    | 0.499   | 0.19    | 2.7     | 2     |
| R2034              |                          | 31.8    | <0.002  | 0.10    | 0.68    | 17.4    | <1      | 1.3     | 53.3    | 0.80    | <0.05   | 9.65    | 0.497   | 0.14    | 3.4     | 2     |
| R2035              |                          | 4.5     | 0.003   | 0.32    | 1.17    | 14.6    | <1      | 1.5     | 25.6    | 0.71    | <0.05   | 8.99    | 0.345   | 0.04    | 4.9     | 5     |
| R2036              |                          | 6.8     | 0.002   | 0.14    | 0.41    | 17.7    | <1      | 1.4     | 21.1    | 0.61    | <0.05   | 8.25    | 0.399   | 0.05    | 3.6     | <1    |
| R2037              |                          | 26.3    | <0.002  | 0.16    | 0.54    | 13.6    | 1       | 1.2     | 12.4    | 0.64    | <0.05   | 9.53    | 0.344   | 0.12    | 3.2     | <1    |
| R2038              |                          | 19.5    | <0.002  | 0.31    | 0.63    | 14.3    | <1      | 1.5     | 13.8    | 0.71    | <0.05   | 8.99    | 0.384   | 0.11    | 3.7     | <1    |
| R2039              |                          | 13.9    | <0.002  | 0.39    | 1.04    | 14.7    | 1       | 1.6     | 14.6    | 0.66    | <0.05   | 8.23    | 0.377   | 0.09    | 3.6     | <1    |
| R2040              |                          | 2.1     | <0.002  | 0.44    | 1.05    | 16.9    | 1       | 1.6     | 12.3    | 0.56    | <0.05   | 7.88    | 0.355   | 0.04    | 3.8     | <1    |
| R2041              |                          | 2.1     | <0.002  | 0.09    | 0.90    | 15.1    | <1      | 1.5     | 30.4    | 0.58    | <0.05   | 7.17    | 0.382   | 0.03    | 4.1     | 28    |
| R2042              |                          | 5.3     | 0.002   | 0.32    | 0.86    | 16.2    | 1       | 1.6     | 23.9    | 0.64    | <0.05   | 8.29    | 0.379   | 0.05    | 3.9     | 1     |
| R2043              |                          | 28.2    | 0.002   | 0.38    | 0.90    | 18.7    | <1      | 1.6     | 52.3    | 0.70    | <0.05   | 8.44    | 0.471   | 0.14    | 3.7     | 1     |
| R2044              |                          | 36.2    | 0.003   | 0.07    | 0.57    | 19.1    | 1       | 1.3     | 70.6    | 0.68    | <0.05   | 8.60    | 0.500   | 0.16    | 2.4     | <1    |
| R2045              |                          | 35.0    | <0.002  | 0.08    | 0.61    | 19.3    | <1      | 1.1     | 103.5   | 0.70    | <0.05   | 7.86    | 0.502   | 0.15    | 2.5     | <1    |
| R2046              |                          | 32.4    | <0.002  | 0.06    | 0.75    | 18.4    | <1      | 1.0     | 104.0   | 0.68    | <0.05   | 7.00    | 0.567   | 0.15    | 2.3     | 1     |
| R2047              |                          | 37.4    | <0.002  | 0.08    | 0.97    | 19.2    | <1      | 1.0     | 104.5   | 0.68    | <0.05   | 7.58    | 0.631   | 0.18    | 2.7     | 2     |



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 Plus Appendix Pages  
 Finalized Date: 20–MAR–2021  
 Account: BMRPLLBW

**CERTIFICATE OF ANALYSIS SD21034328**

| Sample Description | Method Analyte Units LOD | ME–MS61<br>W<br>ppm<br>0.1 | ME–MS61<br>Y<br>ppm<br>0.1 | ME–MS61<br>Zn<br>ppm<br>2 | ME–MS61<br>Zr<br>ppm<br>0.5 | CRU–QC<br>Pass2mm<br>%<br>0.01 | PUL–QC<br>Pass75um<br>%<br>0.01 |
|--------------------|--------------------------|----------------------------|----------------------------|---------------------------|-----------------------------|--------------------------------|---------------------------------|
| R2017              |                          | 0.2                        | 33.6                       | 69                        | 127.0                       | 79.5                           | 96.7                            |
| R2018              |                          | 0.3                        | 37.5                       | 368                       | 152.0                       |                                | 87.7                            |
| R2019              |                          | 0.3                        | 33.5                       | 153                       | 128.5                       |                                |                                 |
| R2020              |                          | 0.3                        | 40.1                       | 104                       | 131.5                       |                                |                                 |
| R2021              |                          | 0.3                        | 36.8                       | 105                       | 141.5                       |                                |                                 |
| R2022              |                          | 0.3                        | 40.5                       | 83                        | 161.0                       |                                |                                 |
| R2023              |                          | 0.4                        | 37.7                       | 91                        | 131.5                       |                                |                                 |
| R2024              |                          | 0.3                        | 39.8                       | 77                        | 168.0                       |                                |                                 |
| R2025              |                          | <0.1                       | 2.1                        | 7                         | 1.8                         |                                |                                 |
| R2026              |                          | 0.3                        | 44.3                       | 83                        | 170.5                       |                                |                                 |
| R2027              |                          | 0.3                        | 44.6                       | 113                       | 177.5                       |                                |                                 |
| R2028              |                          | 0.5                        | 46.6                       | 304                       | 185.5                       |                                |                                 |
| R2029              |                          | 0.5                        | 49.7                       | 880                       | 195.5                       |                                |                                 |
| R2030              |                          | 0.4                        | 48.2                       | 406                       | 206                         |                                |                                 |
| R2031              |                          | 0.4                        | 51.4                       | 120                       | 202                         |                                |                                 |
| R2032              |                          | 0.4                        | 50.0                       | 122                       | 216                         |                                |                                 |
| R2033              |                          | 0.4                        | 52.5                       | 148                       | 249                         |                                |                                 |
| R2034              |                          | 0.4                        | 59.1                       | 680                       | 261                         |                                |                                 |
| R2035              |                          | 0.4                        | 36.6                       | 1070                      | 247                         |                                |                                 |
| R2036              |                          | 0.3                        | 44.4                       | 74                        | 222                         |                                |                                 |
| R2037              |                          | 0.3                        | 47.8                       | 102                       | 258                         |                                |                                 |
| R2038              |                          | 0.3                        | 40.4                       | 57                        | 244                         |                                |                                 |
| R2039              |                          | 0.3                        | 33.0                       | 63                        | 224                         |                                |                                 |
| R2040              |                          | 0.2                        | 31.3                       | 63                        | 216                         |                                |                                 |
| R2041              |                          | 0.3                        | 32.4                       | 63                        | 197.5                       |                                |                                 |
| R2042              |                          | 0.2                        | 37.6                       | 132                       | 232                         |                                |                                 |
| R2043              |                          | 0.3                        | 50.5                       | 78                        | 225                         |                                |                                 |
| R2044              |                          | 0.3                        | 55.2                       | 114                       | 221                         |                                |                                 |
| R2045              |                          | 0.4                        | 59.2                       | 90                        | 212                         |                                |                                 |
| R2046              |                          | 0.4                        | 51.2                       | 373                       | 198.5                       |                                |                                 |
| R2047              |                          | 0.5                        | 54.4                       | 201                       | 206                         |                                |                                 |



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**CERTIFICATE OF ANALYSIS SD21034328**

| <b>CERTIFICATE COMMENTS</b> |  |        |        |        |        |        |        |        |  |
|-----------------------------|--|--------|--------|--------|--------|--------|--------|--------|--|
|                             | <p style="text-align: center;"><b>ANALYTICAL COMMENTS</b></p> <p>Applies to Method: REEs may not be totally soluble in this method.<br/>ME-MS61</p>  |        |        |        |        |        |        |        |  |
|                             | <p style="text-align: center;"><b>LABORATORY ADDRESSES</b></p> <p>Applies to Method: Processed at ALS Sudbury located at 1351-B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.</p> <table><tr><td>CRU-31</td><td>CRU-QC</td><td>LOG-22</td><td>PUL-31</td></tr><tr><td>PUL-QC</td><td>SPL-21</td><td>WEI-21</td><td></td></tr></table> | CRU-31 | CRU-QC | LOG-22 | PUL-31 | PUL-QC | SPL-21 | WEI-21 |  |
| CRU-31                      | CRU-QC   | LOG-22 | PUL-31 |        |        |        |        |        |  |
| PUL-QC                      | SPL-21   | WEI-21 |        |        |        |        |        |        |  |
|                             | <p>Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.<br/>ME-MS61</p>   |        |        |        |        |        |        |        |  |





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**QC CERTIFICATE SD21034328**

Project: Elk Lake –Cotley  
 P.O. No.: AGSC11032  
 This report is for 31 samples of Drill Core submitted to our lab in Sudbury, ON, Canada on 12-FEB-2021.  
 The following have access to data associated with this certificate:

|  |                                   |                             |
|--|-----------------------------------|-----------------------------|
| PETER DOYLE<br>NICO KASTEK<br>RYAN WELLS | MIKE HENDRICKSON<br>FRANK PLOEGER | SEAN HICKS<br>STEVE TRIMMER |
|--|-----------------------------------|-----------------------------|

| SAMPLE PREPARATION |                                 |
|--------------------|---------------------------------|
| ALS CODE           | DESCRIPTION                     |
| WEI-21             | Received Sample Weight          |
| CRU-QC             | Crushing QC Test                |
| PUL-QC             | Pulverizing QC Test             |
| LOG-22             | Sample login – Rcd w/o BarCode  |
| CRU-31             | Fine crushing – 70% <2mm        |
| SPL-21             | Split sample – riffle splitter  |
| PUL-31             | Pulverize up to 250g 85% <75 um |

| ANALYTICAL PROCEDURES |                             |            |
|-----------------------|-----------------------------|------------|
| ALS CODE              | DESCRIPTION                 | INSTRUMENT |
| ME-MS61               | 48 element four acid ICP-MS |            |

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:   
 Saa Traxler, General Manager, North Vancouver



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**QC CERTIFICATE OF ANALYSIS SD21034328**

| Sample Description         | Method Analyte Units LOD | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 |        |
|----------------------------|--------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|
|                            |                          | Ag ppm  | Al %    | As ppm  | Ba ppm  | Be ppm  | Bi ppm  | Ca %    | Cd ppm  | Ce ppm  | Co ppm  | Cr ppm  | Cs ppm  | Cu ppm  | Fe %    | Ga ppm |
|                            |                          | 0.01    | 0.01    | 0.2     | 10      | 0.05    | 0.01    | 0.01    | 0.02    | 0.01    | 0.1     | 1       | 0.05    | 0.2     | 0.01    | 0.05   |
| <b>STANDARDS</b>           |                          |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |
| EMOG-17                    |                          | 68.1    | 4.76    | 604     | 320     | 1.71    | 6.03    | 1.91    | 21.1    | 48.1    | 754     | 55      | 7.49    | 8160    | 4.87    | 12.60  |
| Target Range – Lower Bound |                          | 60.9    | 4.18    | 522     | 310     | 1.60    | 5.31    | 1.72    | 18.15   | 42.9    | 686     | 49      | 6.56    | 7750    | 4.42    | 10.75  |
| Upper Bound                |                          | 74.5    | 5.13    | 638     | 440     | 2.06    | 6.51    | 2.12    | 22.2    | 52.5    | 838     | 62      | 8.12    | 8910    | 5.42    | 13.25  |
| MRGeo08                    |                          | 4.67    | 7.59    | 31.4    | 1160    | 3.42    | 0.67    | 2.67    | 2.35    | 64.8    | 20.3    | 94      | 12.30   | 650     | 3.95    | 20.3   |
| Target Range – Lower Bound |                          | 3.93    | 6.64    | 29.5    | 920     | 2.98    | 0.58    | 2.35    | 2.00    | 66.2    | 17.7    | 81      | 11.20   | 587     | 3.55    | 17.50  |
| Upper Bound                |                          | 4.83    | 8.14    | 36.5    | 1270    | 3.76    | 0.73    | 2.90    | 2.48    | 81.0    | 21.9    | 102     | 13.80   | 675     | 4.37    | 21.5   |
| OREAS 905                  |                          | 0.57    | 7.63    | 36.7    | 2860    | 2.98    | 5.63    | 0.59    | 0.36    | 98.5    | 15.2    | 26      | 7.18    | 1520    | 3.94    | 26.5   |
| Target Range – Lower Bound |                          | 0.46    | 6.67    | 31.0    | 2280    | 2.69    | 5.14    | 0.52    | 0.30    | 82.8    | 13.2    | 16      | 6.05    | 1425    | 3.66    | 22.5   |
| Upper Bound                |                          | 0.58    | 8.17    | 38.4    | 3110    | 3.39    | 6.30    | 0.66    | 0.42    | 101.0   | 16.4    | 22      | 7.51    | 1640    | 4.50    | 27.7   |
| OREAS 920                  |                          | 0.12    | 8.02    | 5.3     | 570     | 2.69    | 0.65    | 0.50    | 0.07    | 98.5    | 15.7    | 81      | 9.09    | 111.0   | 4.12    | 21.7   |
| Target Range – Lower Bound |                          | 0.08    | 6.91    | 4.6     | 450     | 2.54    | 0.61    | 0.44    | 0.04    | 84.6    | 13.9    | 70      | 7.72    | 104.0   | 3.72    | 18.65  |
| Upper Bound                |                          | 0.13    | 8.47    | 6.1     | 640     | 3.22    | 0.77    | 0.56    | 0.12    | 103.5   | 17.3    | 88      | 9.54    | 120.0   | 4.56    | 22.9   |
| <b>BLANKS</b>              |                          |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |
| BLANK                      |                          | <0.01   | <0.01   | <0.2    | <10     | <0.05   | 0.01    | <0.01   | <0.02   | 0.02    | <0.1    | <1      | <0.05   | <0.2    | <0.01   | <0.05  |
| BLANK                      |                          | <0.01   | <0.01   | <0.2    | <10     | <0.05   | <0.01   | <0.01   | <0.02   | 0.02    | <0.1    | <1      | <0.05   | <0.2    | <0.01   | <0.05  |
| Target Range – Lower Bound |                          | <0.01   | <0.01   | <0.2    | <10     | <0.05   | <0.01   | <0.01   | <0.02   | <0.01   | <0.1    | <1      | <0.05   | <0.2    | <0.01   | <0.05  |
| Upper Bound                |                          | 0.02    | 0.02    | 0.4     | 20      | 0.10    | 0.02    | 0.02    | 0.04    | 0.02    | 0.2     | 2       | 0.10    | 0.4     | 0.02    | 0.10   |
| <b>DUPLICATES</b>          |                          |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |
| R2044                      |                          | 2.83    | 6.20    | 18.4    | 600     | 1.48    | 0.09    | 1.64    | 0.24    | 70.2    | 18.0    | 8       | 1.58    | 15.8    | 8.62    | 20.8   |
| DUP                        |                          | 3.55    | 6.19    | 18.9    | 600     | 1.45    | 0.09    | 1.63    | 0.22    | 74.6    | 17.4    | 8       | 1.56    | 15.6    | 8.63    | 20.6   |
| Target Range – Lower Bound |                          | 3.02    | 5.88    | 17.5    | 550     | 1.34    | 0.08    | 1.54    | 0.20    | 68.8    | 16.7    | 7       | 1.44    | 15.0    | 8.18    | 19.60  |
| Upper Bound                |                          | 3.36    | 6.51    | 19.8    | 660     | 1.59    | 0.10    | 1.73    | 0.26    | 76.0    | 18.7    | 9       | 1.70    | 16.4    | 9.07    | 21.8   |
| 18877                      |                          | 0.43    | 6.80    | 17.5    | 200     | 0.86    | 0.05    | 3.69    | 1.43    | 28.5    | 58.7    | 1       | 0.51    | 50.1    | 12.75   | 22.5   |
| DUP                        |                          | 0.39    | 6.65    | 17.4    | 200     | 0.91    | 0.05    | 3.63    | 1.47    | 28.9    | 57.9    | <1      | 0.52    | 50.3    | 12.45   | 22.6   |
| Target Range – Lower Bound |                          | 0.38    | 6.38    | 16.4    | 180     | 0.79    | 0.04    | 3.47    | 1.36    | 27.3    | 55.3    | <1      | 0.44    | 48.2    | 11.95   | 21.4   |
| Upper Bound                |                          | 0.44    | 7.07    | 18.5    | 230     | 0.98    | 0.06    | 3.85    | 1.54    | 30.1    | 61.3    | 2       | 0.59    | 52.2    | 13.25   | 23.7   |



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**QC CERTIFICATE OF ANALYSIS SD21034328**

| Sample Description         | Method Analyte Units LOD | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 |        |
|----------------------------|--------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|
|                            |                          | Ge ppm  | Hf ppm  | In ppm  | K %     | La ppm  | Li ppm  | Mg %    | Mn ppm  | Mo ppm  | Na %    | Nb ppm  | Ni ppm  | P ppm   | Pb ppm  | Rb ppm |
| <b>STANDARDS</b>           |                          |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |
| EMOG-17                    |                          | 0.16    | 1.9     | 0.913   | 1.68    | 25.4    | 24.9    | 0.96    | 773     | 1100    | 1.12    | 15.2    | 7720    | 810     | 7470    | 110.5  |
| Target Range – Lower Bound |                          | 0.07    | 1.6     | 0.823   | 1.49    | 20.7    | 23.9    | 0.86    | 670     | 997     | 0.99    | 12.7    | 6820    | 700     | 6570    | 98.9   |
| Upper Bound                |                          | 0.29    | 2.2     | 1.015   | 1.85    | 26.4    | 29.7    | 1.08    | 830     | 1220    | 1.23    | 15.7    | 8330    | 880     | 8030    | 121.0  |
| MRGeo08                    |                          | 0.09    | 3.2     | 0.176   | 3.15    | 29.7    | 31.6    | 1.32    | 589     | 15.35   | 2.01    | 21.9    | 725     | 1090    | 1160    | 182.5  |
| Target Range – Lower Bound |                          | <0.05   | 2.8     | 0.155   | 2.79    | 31.1    | 29.5    | 1.17    | 497     | 13.65   | 1.76    | 19.0    | 622     | 930     | 971     | 173.5  |
| Upper Bound                |                          | 0.27    | 3.6     | 0.201   | 3.43    | 39.1    | 36.5    | 1.45    | 619     | 16.75   | 2.18    | 23.4    | 760     | 1160    | 1185    | 215    |
| OREAS 905                  |                          | 0.12    | 7.0     | 0.680   | 2.84    | 48.5    | 20.0    | 0.26    | 392     | 3.35    | 2.37    | 19.0    | 13.0    | 290     | 30.0    | 145.5  |
| Target Range – Lower Bound |                          | <0.05   | 6.1     | 0.571   | 2.58    | 40.9    | 17.8    | 0.24    | 333     | 2.89    | 2.15    | 16.2    | 8.4     | 240     | 26.9    | 124.0  |
| Upper Bound                |                          | 0.27    | 7.6     | 0.709   | 3.18    | 51.1    | 22.2    | 0.31    | 418     | 3.65    | 2.65    | 20.0    | 10.7    | 320     | 33.9    | 152.0  |
| OREAS 920                  |                          | 0.20    | 4.3     | 0.085   | 2.93    | 50.0    | 27.5    | 1.35    | 635     | 0.41    | 0.66    | 18.2    | 41.9    | 750     | 25.5    | 179.5  |
| Target Range – Lower Bound |                          | 0.06    | 4.0     | 0.070   | 2.59    | 41.0    | 26.0    | 1.23    | 535     | 0.34    | 0.56    | 15.6    | 37.4    | 640     | 20.7    | 158.5  |
| Upper Bound                |                          | 0.28    | 5.2     | 0.098   | 3.19    | 51.2    | 32.2    | 1.53    | 665     | 0.58    | 0.71    | 19.2    | 46.2    | 800     | 26.4    | 193.5  |
| <b>BLANKS</b>              |                          |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |
| BLANK                      |                          | <0.05   | <0.1    | <0.005  | <0.01   | <0.5    | 0.2     | <0.01   | <5      | <0.05   | <0.01   | <0.1    | 0.3     | <10     | <0.5    | <0.1   |
| BLANK                      |                          | <0.05   | <0.1    | <0.005  | <0.01   | <0.5    | <0.2    | <0.01   | <5      | <0.05   | <0.01   | <0.1    | <0.2    | <10     | <0.5    | <0.1   |
| Target Range – Lower Bound |                          | <0.05   | <0.1    | <0.005  | <0.01   | <0.5    | <0.2    | <0.01   | <5      | <0.05   | <0.01   | <0.1    | <0.2    | <10     | <0.5    | <0.1   |
| Upper Bound                |                          | 0.10    | 0.2     | 0.010   | 0.02    | 1.0     | 0.4     | 0.02    | 10      | 0.10    | 0.02    | 0.2     | 0.4     | 20      | 1.0     | 0.2    |
| <b>DUPLICATES</b>          |                          |         |         |         |         |         |         |         |         |         |         |         |         |         |         |        |
| R2044                      |                          | 0.16    | 5.8     | 0.193   | 1.69    | 34.7    | 7.9     | 0.47    | 1320    | 1.62    | 3.69    | 10.0    | 0.7     | 1390    | 19.5    | 36.2   |
| DUP                        |                          | 0.20    | 5.8     | 0.179   | 1.68    | 36.8    | 7.7     | 0.47    | 1320    | 1.54    | 3.67    | 10.1    | 0.3     | 1390    | 19.3    | 35.6   |
| Target Range – Lower Bound |                          | 0.12    | 5.4     | 0.172   | 1.59    | 33.5    | 7.2     | 0.44    | 1250    | 1.45    | 3.49    | 9.4     | 0.3     | 1310    | 17.9    | 34.0   |
| Upper Bound                |                          | 0.24    | 6.2     | 0.200   | 1.78    | 38.0    | 8.4     | 0.50    | 1390    | 1.71    | 3.87    | 10.7    | 0.7     | 1470    | 20.9    | 37.8   |
| 18877                      |                          | 0.07    | 2.9     | 0.107   | 1.02    | 13.6    | 27.2    | 2.50    | 1930    | 0.64    | 2.81    | 4.5     | 10.3    | 500     | 123.0   | 47.1   |
| DUP                        |                          | 0.08    | 2.9     | 0.112   | 1.02    | 13.3    | 26.2    | 2.46    | 1900    | 0.54    | 2.74    | 4.6     | 10.3    | 480     | 123.5   | 50.9   |
| Target Range – Lower Bound |                          | <0.05   | 2.7     | 0.099   | 0.96    | 12.3    | 25.2    | 2.35    | 1815    | 0.51    | 2.63    | 4.2     | 9.6     | 460     | 116.5   | 46.5   |
| Upper Bound                |                          | 0.10    | 3.1     | 0.120   | 1.08    | 14.6    | 28.2    | 2.61    | 2020    | 0.67    | 2.92    | 4.9     | 11.0    | 520     | 130.0   | 51.6   |



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To: NORTH AMERICAN COBALT – BATTERY  
 MINERALS RESOURCES  
 THE PACIFIC BUILDING  
 SUITE 400, 744 WEST HASTINGS STREET  
 VANCOUVER BC V6C 1A5

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 Finalized Date: 20–MAR–2021  
 Account: BMRPLLW

**QC CERTIFICATE OF ANALYSIS SD21034328**

| Sample Description         | Method Analyte Units LOD | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 |       |
|----------------------------|--------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-------|
|                            |                          | Re ppm  | S %     | Sb ppm  | Sc ppm  | Se ppm  | Sn ppm  | Sr ppm  | Ta ppm  | Te ppm  | Th ppm  | Ti %    | Tl ppm  | U ppm   | V ppm   | W ppm |
| <b>STANDARDS</b>           |                          |         |         |         |         |         |         |         |         |         |         |         |         |         |         |       |
| EMOG-17                    |                          | 0.318   | 3.30    | 816     | 8.0     | 7       | 2.6     | 215     | 0.93    | 1.44    | 10.80   | 0.320   | 2.24    | 3.1     | 76      | 3.9   |
| Target Range – Lower Bound |                          | 0.286   | 2.91    | 643     | 7.2     | 4       | 2.2     | 184.5   | 0.78    | 1.10    | 10.35   | 0.294   | 1.89    | 2.8     | 67      | 3.3   |
| Upper Bound                |                          | 0.354   | 3.57    | 869     | 9.0     | 9       | 3.2     | 226     | 1.08    | 1.46    | 12.65   | 0.370   | 2.61    | 3.7     | 84      | 4.7   |
| MRGeo08                    |                          | 0.007   | 0.32    | 4.74    | 11.6    | 1       | 4.0     | 322     | 1.50    | <0.05   | 17.25   | 0.518   | 1.09    | 4.8     | 116     | 4.8   |
| Target Range – Lower Bound |                          | 0.004   | 0.27    | 3.89    | 11.1    | <1      | 3.5     | 277     | 1.39    | <0.05   | 17.90   | 0.443   | 0.86    | 4.9     | 97      | 4.1   |
| Upper Bound                |                          | 0.013   | 0.35    | 5.39    | 13.7    | 4       | 4.7     | 339     | 1.81    | 0.12    | 21.9    | 0.553   | 1.21    | 6.2     | 121     | 5.8   |
| OREAS 905                  |                          | <0.002  | 0.07    | 2.14    | 4.9     | 3       | 4.1     | 164.5   | 1.30    | 0.07    | 15.10   | 0.126   | 0.73    | 5.2     | 12      | 2.7   |
| Target Range – Lower Bound |                          | <0.002  | 0.04    | 1.61    | 4.3     | <1      | 3.4     | 141.0   | 1.16    | <0.05   | 13.15   | 0.105   | 0.58    | 4.4     | 8       | 2.3   |
| Upper Bound                |                          | 0.004   | 0.09    | 2.29    | 5.5     | 4       | 4.6     | 173.0   | 1.52    | 0.17    | 16.05   | 0.139   | 0.83    | 5.6     | 13      | 3.3   |
| OREAS 920                  |                          | <0.002  | 0.03    | 1.65    | 13.5    | 1       | 5.2     | 84.5    | 1.30    | <0.05   | 19.05   | 0.480   | 0.95    | 3.7     | 100     | 3.2   |
| Target Range – Lower Bound |                          | <0.002  | <0.01   | 1.22    | 12.8    | <1      | 4.3     | 73.6    | 1.08    | <0.05   | 17.35   | 0.434   | 0.73    | 3.3     | 86      | 2.5   |
| Upper Bound                |                          | 0.004   | 0.05    | 1.76    | 15.8    | 2       | 5.7     | 90.4    | 1.43    | 0.12    | 21.2    | 0.542   | 1.03    | 4.2     | 108     | 3.7   |
| <b>BLANKS</b>              |                          |         |         |         |         |         |         |         |         |         |         |         |         |         |         |       |
| BLANK                      |                          | <0.002  | <0.01   | <0.05   | <0.1    | <1      | <0.2    | <0.2    | <0.05   | <0.05   | <0.01   | <0.005  | <0.02   | <0.1    | <1      | <0.1  |
| BLANK                      |                          | <0.002  | <0.01   | <0.05   | <0.1    | <1      | <0.2    | <0.2    | <0.05   | <0.05   | <0.01   | <0.005  | <0.02   | <0.1    | <1      | <0.1  |
| Target Range – Lower Bound |                          | <0.002  | <0.01   | <0.05   | <0.1    | <1      | <0.2    | <0.2    | <0.05   | <0.05   | <0.01   | <0.005  | <0.02   | <0.1    | <1      | <0.1  |
| Upper Bound                |                          | 0.004   | 0.02    | 0.10    | 0.2     | 2       | 0.4     | 0.4     | 0.10    | 0.10    | 0.02    | 0.010   | 0.04    | 0.2     | 2       | 0.2   |
| <b>DUPLICATES</b>          |                          |         |         |         |         |         |         |         |         |         |         |         |         |         |         |       |
| R2044                      |                          | 0.003   | 0.07    | 0.57    | 19.1    | 1       | 1.3     | 70.6    | 0.68    | <0.05   | 8.60    | 0.500   | 0.16    | 2.4     | <1      | 0.3   |
| DUP                        |                          | <0.002  | 0.07    | 0.56    | 18.6    | <1      | 1.2     | 68.7    | 0.69    | <0.05   | 8.08    | 0.502   | 0.16    | 2.2     | 1       | 0.3   |
| Target Range – Lower Bound |                          | <0.002  | 0.06    | 0.47    | 17.8    | <1      | 1.0     | 66.0    | 0.60    | <0.05   | 7.91    | 0.471   | 0.13    | 2.1     | <1      | 0.2   |
| Upper Bound                |                          | 0.004   | 0.08    | 0.66    | 19.9    | 2       | 1.5     | 73.3    | 0.77    | 0.10    | 8.77    | 0.531   | 0.19    | 2.5     | 2       | 0.4   |
| 18877                      |                          | 0.005   | 0.19    | 1.22    | 46.1    | 1       | 0.9     | 133.0   | 0.33    | <0.05   | 3.44    | 1.180   | 0.17    | 1.3     | 737     | 0.3   |
| DUP                        |                          | 0.005   | 0.19    | 1.27    | 47.2    | 1       | 0.9     | 133.5   | 0.33    | <0.05   | 3.30    | 1.155   | 0.17    | 1.2     | 723     | 0.4   |
| Target Range – Lower Bound |                          | 0.003   | 0.17    | 1.10    | 44.2    | <1      | 0.7     | 126.5   | 0.26    | <0.05   | 3.19    | 1.105   | 0.14    | 1.1     | 693     | 0.2   |
| Upper Bound                |                          | 0.007   | 0.21    | 1.39    | 49.1    | 2       | 1.1     | 140.0   | 0.40    | 0.10    | 3.55    | 1.230   | 0.20    | 1.4     | 768     | 0.5   |



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 Total # Pages: 2 (A – D)  
 Plus Appendix Pages  
 Finalized Date: 20–MAR–2021  
 Account: BMRPLLW

**QC CERTIFICATE OF ANALYSIS SD21034328**

| Sample Description         | Method Analyte Units LOD | ME-MS61<br>Y<br>ppm<br>0.1 | ME-MS61<br>Zn<br>ppm<br>2 | ME-MS61<br>Zr<br>ppm<br>0.5 |
|----------------------------|--------------------------|----------------------------|---------------------------|-----------------------------|
| <b>STANDARDS</b>           |                          |                            |                           |                             |
| EMOG-17                    |                          | 16.0                       | 7660                      | 63.8                        |
| Target Range – Lower Bound |                          | 14.3                       | 6800                      | 55.6                        |
| Upper Bound                |                          | 17.7                       | 8320                      | 76.4                        |
| MGeo08                     |                          | 24.6                       | 822                       | 112.5                       |
| Target Range – Lower Bound |                          | 23.8                       | 722                       | 92.2                        |
| Upper Bound                |                          | 29.3                       | 886                       | 126.0                       |
| OREAS 905                  |                          | 17.3                       | 140                       | 266                         |
| Target Range – Lower Bound |                          | 14.0                       | 122                       | 214                         |
| Upper Bound                |                          | 17.4                       | 154                       | 290                         |
| OREAS 920                  |                          | 34.7                       | 124                       | 160.0                       |
| Target Range – Lower Bound |                          | 29.8                       | 102                       | 128.0                       |
| Upper Bound                |                          | 36.6                       | 130                       | 174.0                       |
| <b>BLANKS</b>              |                          |                            |                           |                             |
| BLANK                      |                          | <0.1                       | <2                        | <0.5                        |
| BLANK                      |                          | <0.1                       | <2                        | <0.5                        |
| Target Range – Lower Bound |                          | <0.1                       | <2                        | <0.5                        |
| Upper Bound                |                          | 0.2                        | 4                         | 1.0                         |
| <b>DUPLICATES</b>          |                          |                            |                           |                             |
| R2044                      |                          | 55.2                       | 114                       | 221                         |
| DUP                        |                          | 54.0                       | 114                       | 215                         |
| Target Range – Lower Bound |                          | 51.8                       | 106                       | 201                         |
| Upper Bound                |                          | 57.4                       | 122                       | 235                         |
| 18877                      |                          | 28.7                       | 478                       | 105.5                       |
| DUP                        |                          | 30.3                       | 475                       | 108.0                       |
| Target Range – Lower Bound |                          | 27.9                       | 451                       | 98.2                        |
| Upper Bound                |                          | 31.1                       | 502                       | 115.5                       |

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



## APPENDIX 4

### Location Plan of Re-Logged Holes

Sections AGSC11-30

AGSC11-31

AGSC11-32

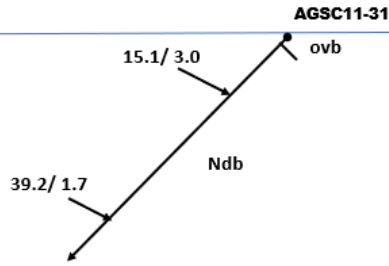


Location of re- logged holes with respect to current drilling and historical features.



**Section Hole AGSC11-31**

| Hole ID   | Easting) | Northing | Azimuth (degrees) | Dip (degrees) | Final Depth (m) |
|-----------|----------|----------|-------------------|---------------|-----------------|
| AGSC11-31 | 543290   | 5285405  | 270               | -45           | 50              |

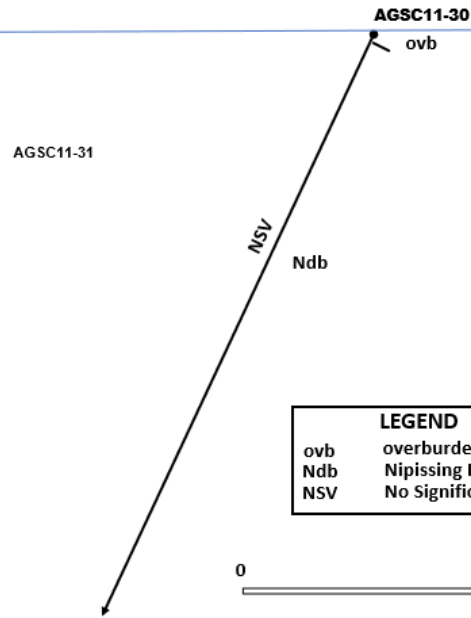


| LEGEND    |                   |
|-----------|-------------------|
| ovb       | overburden        |
| Ndb       | Nipissing Diabase |
| 26.4/ 0.5 | Ag g/t over width |



**Section Hole AGSC11-30**

| Hole ID   | Easting) | Northing | Azimuth (degrees) | Dip (degrees) | Final Depth (m) |
|-----------|----------|----------|-------------------|---------------|-----------------|
| AGSC11-30 | 543292   | 5285380  | 270               | -65           | 104             |

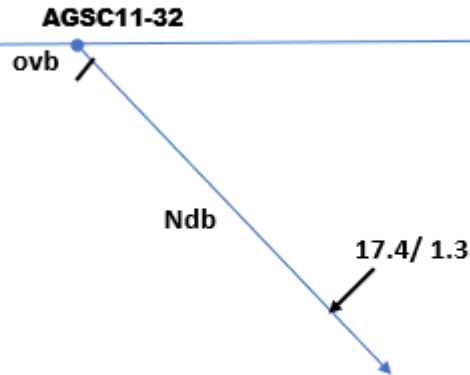


| LEGEND |                      |
|--------|----------------------|
| ovb    | overburden           |
| Ndb    | Nipissing Diabase    |
| NSV    | No Significant Value |



**Section Hole AGSC11-32**

| Hole ID   | Easting) | Northing | Azimuth (degrees) | Dip (degrees) | Final Depth (m) |
|-----------|----------|----------|-------------------|---------------|-----------------|
| AGSC11-32 | 543294   | 5285431  | 50                | -45           | 50              |



| LEGEND    |                   |
|-----------|-------------------|
| ovb       | overburden        |
| Ndb       | Nipissing Diabase |
| 26.4/ 0.5 | Ag g/t over width |





APPENDIX 5

Drill Logs

| Hole ID   | From | To    | Geology           | Sample ID | from (m)    | to (m) | Ag (ppm) | Co (ppm) | As (ppm) | Cu (ppm) |
|-----------|------|-------|-------------------|-----------|-------------|--------|----------|----------|----------|----------|
| AGSC11-30 | 0    | 2.1   | Casing (c)        | 18858     | 11          | 12.5   | 0.37     | 39.3     | 29.2     | 17.7     |
| AGSC11-30 | 2.1  | 104.0 | Nipissing Diabase | 18859     | 12.5        | 14     | 1.06     | 34.6     | 26.8     | 16       |
|           |      | 104.0 | EOH               | 18860     | 16.4        | 17.2   | 0.59     | 28.2     | 24.4     | 16.4     |
|           |      |       |                   | 18861     | 19          | 20     | 0.62     | 24.6     | 22.5     | 5        |
|           |      |       |                   | 18862     | 20          | 21.4   | 0.82     | 19.3     | 18.3     | 4.5      |
|           |      |       |                   | 18863     | 21.4        | 22.4   | 1.14     | 18       | 19       | 7.5      |
|           |      |       |                   | 18864     | 22.4        | 23.5   | 1.06     | 14.4     | 18.7     | 8.8      |
|           |      |       |                   | 18865     | 23.5        | 25     | 0.88     | 13.7     | 19.3     | 6.2      |
|           |      |       |                   | 18866     | 25          | 26     | 1.1      | 12.4     | 18       | 7.2      |
|           |      |       |                   | 18867     | 26          | 27     | 1.14     | 16.1     | 21.5     | 7.1      |
|           |      |       |                   | 18868     | 27          | 28     | 0.5      | 13.3     | 18.3     | 8.6      |
|           |      |       |                   | 18869     | 46          | 47     | 0.49     | 36.1     | 22.7     | 18.3     |
|           |      |       |                   | 18870     | 56          | 57     | 0.55     | 55       | 20.5     | 54       |
|           |      |       |                   | 18871     | 57          | 58     | 0.43     | 52.3     | 17.2     | 52.5     |
|           |      |       |                   | 18872     | 58          | 59     | 0.36     | 63.3     | 18.1     | 30.9     |
|           |      |       |                   | 18873     | 59          | 60     | 0.49     | 58.4     | 16.8     | 55.4     |
|           |      |       |                   | 18874     | 60          | 61     | 0.45     | 55.1     | 17       | 61.5     |
|           |      |       |                   | 18875     | 61          | 61.75  | 0.52     | 53.7     | 17.6     | 173      |
|           |      |       |                   | 18876     | 61.75       | 62.5   | 0.9      | 50.4     | 19       | 633      |
|           |      |       |                   | 18877     | 62.5        | 63.5   | 0.43     | 58.7     | 17.5     | 50.1     |
|           |      |       |                   | 18878     | 63.5        | 65     | 0.35     | 61.8     | 20.7     | 48.5     |
|           |      |       |                   | 18879     | 75.5        | 76.25  | 2.14     | 18.1     | 17.3     | 10.2     |
|           |      |       |                   | 18880     | Duplicate   |        | 1.63     | 16.4     | 15.7     | 9.8      |
|           |      |       |                   | 18881     | CDN-ME-1208 |        | 4.35     | 1020     | 13.3     | >10000   |
|           |      |       |                   | 18882     | 88.5        | 89.5   | 0.13     | 39.1     | 2.1      | 54.9     |
|           |      |       |                   | 18883     | 90.6        | 91.7   | 0.12     | 42       | 1.9      | 67.2     |
|           |      |       |                   | 18884     | 91.7        | 92.4   | 0.14     | 44.9     | 2        | 92.9     |
|           |      |       |                   | 18885     | 92.4        | 93.5   | 0.15     | 44       | 2.4      | 82.9     |
| AGSC11-31 | 0    | 3.0   | Casing (c)        |           |             |        |          |          |          |          |
| AGSC11-31 | 3.0  | 50.0  | Nipissing Diabase |           |             |        |          |          |          |          |
|           |      | 50.0  | EOH               | 18886     | 8           | 9.5    | 2.01     | 26.7     | 25.6     | 100      |
|           |      |       |                   | 18887     | 9.5         | 11     | 1.09     | 45.5     | 28.4     | 32.3     |
|           |      |       |                   | 18888     | 11          | 12.5   | 0.67     | 43.9     | 34       | 17.2     |
|           |      |       |                   | 18889     | 12.5        | 14     | 0.67     | 44.4     | 35       | 16.3     |
|           |      |       |                   | 18890     | 14          | 15.5   | 1.12     | 34.1     | 23.6     | 24.2     |
|           |      |       |                   | 18891     | 15.5        | 17     | 2.25     | 29.6     | 26.8     | 41.5     |

|           |     |      |                   |       |             |      |       |      |       |        |
|-----------|-----|------|-------------------|-------|-------------|------|-------|------|-------|--------|
|           |     |      |                   | 18892 | 17          | 18.5 | 8.39  | 19.5 | 18.2  | 78.8   |
|           |     |      |                   | 18893 | 18.5        | 19.2 | 26.4  | 821  | 1270  | 1900   |
|           |     |      |                   | 18894 | 19.2        | 20.5 | 9.94  | 12.2 | 15.3  | 65.4   |
|           |     |      |                   | 18895 | 20.5        | 21.5 | 13.9  | 27.7 | 14.4  | 2670   |
|           |     |      |                   | 18896 | 21.5        | 23   | 3.43  | 18.2 | 22.5  | 54.1   |
|           |     |      |                   | 18897 | 23          | 24.5 | 1.99  | 31.7 | 14.5  | 27.2   |
|           |     |      |                   | 18898 | 24.5        | 26   | 1.58  | 21   | 15.3  | 29.4   |
|           |     |      |                   | 18899 | 26          | 27.5 | 1.71  | 41.3 | 23.1  | 27     |
|           |     |      |                   | 18900 | Duplicate   |      | 1.75  | 22.9 | 20.5  | 25     |
|           |     |      |                   | R2004 | CDN-ME-1208 |      | 4.12  | 952  | 13.8  | >10000 |
|           |     |      |                   | R2005 | 27.5        | 29   | 1.28  | 36.1 | 25.8  | 30.4   |
|           |     |      |                   | R2006 | 29          | 30.5 | 0.3   | 46.7 | 18.2  | 37.2   |
|           |     |      |                   | R2007 | 30.5        | 32   | 2.16  | 26.9 | 16.9  | 24.5   |
|           |     |      |                   | R2008 | 32          | 33.1 | 1     | 13   | 17.5  | 7.1    |
|           |     |      |                   | R2009 | 41          | 42   | 5.04  | 17.8 | 20.3  | 24.9   |
|           |     |      |                   | R2010 | 42          | 43   | 12.75 | 20.4 | 24.3  | 20.7   |
|           |     |      |                   | R2011 | 43          | 44.1 | 25.6  | 18.1 | 17.1  | 29.2   |
|           |     |      |                   | R2012 | 44.1        | 44.7 | 64.2  | 77.2 | 109.5 | 84.8   |
|           |     |      |                   | R2013 | 44.7        | 45.5 | 4.51  | 21   | 24.1  | 19.2   |
|           |     |      |                   | R2014 | 45.5        | 47   | 3.55  | 19.5 | 21.5  | 13.1   |
|           |     |      |                   | R2015 | 47          | 48.5 | 1.81  | 21.7 | 23.5  | 11.1   |
|           |     |      |                   | R2016 | 48.5        | 50   | 1.14  | 28.1 | 22.5  | 20.9   |
| AGSC11-32 | 0   | 2.7  | Casing (c)        |       |             |      |       |      |       |        |
| AGSC11-32 | 2.7 | 50.0 | Nipissing Diabase |       |             |      |       |      |       |        |
|           |     | 50.0 | EOH               | R2017 | 3.33        | 4.4  | 0.62  | 42.1 | 20.3  | 30.2   |
|           |     |      |                   | R2018 | 4.4         | 5.6  | 0.63  | 43.3 | 24.5  | 24.5   |
|           |     |      |                   | R2019 | 5.6         | 6.7  | 0.64  | 44.9 | 29.6  | 18.1   |
|           |     |      |                   | R2020 | 6.7         | 7.3  | 0.87  | 41.6 | 33.4  | 201    |
|           |     |      |                   | R2021 | 7.3         | 8.3  | 0.41  | 44.4 | 28.5  | 14.5   |
|           |     |      |                   | R2022 | 8.3         | 9.5  | 0.51  | 44.8 | 30.2  | 15.3   |
|           |     |      |                   | R2023 | 9.5         | 11   | 0.32  | 42   | 24.1  | 11.5   |
|           |     |      |                   | R2024 | 11          | 12.5 | 0.43  | 40.4 | 18.7  | 18.6   |
|           |     |      |                   | R2025 | Blank       |      | 0.01  | 0.7  | 0.3   | 0.9    |
|           |     |      |                   | R2026 | 12.5        | 14   | 0.61  | 28.1 | 13.5  | 18.5   |
|           |     |      |                   | R2027 | 14          | 15.5 | 0.51  | 29.6 | 21.7  | 18.4   |
|           |     |      |                   | R2028 | 26.1        | 27.1 | 0.67  | 30.1 | 24.3  | 15.4   |
|           |     |      |                   | R2029 | 27.1        | 27.6 | 0.97  | 31.8 | 24.7  | 84.4   |
|           |     |      |                   | R2030 | 27.6        | 28.6 | 0.71  | 27.8 | 22.6  | 15.3   |
|           |     |      |                   | R2031 | 28.6        | 29.4 | 0.62  | 29.9 | 22.8  | 14     |
|           |     |      |                   | R2032 | 29.4        | 30.5 | 4.1   | 25.6 | 20.4  | 24.6   |
|           |     |      |                   | R2033 | 30.5        | 32   | 1.11  | 16.6 | 17.5  | 16.6   |

|       |      |      |       |      |      |       |
|-------|------|------|-------|------|------|-------|
| R2034 | 32   | 33.5 | 4.54  | 17.9 | 20.7 | 29.4  |
| R2035 | 33.5 | 35   | 5.65  | 22.7 | 27.9 | 537   |
| R2036 | 35   | 36.5 | 1.95  | 19.2 | 19.4 | 87.1  |
| R2037 | 36.5 | 38   | 2.95  | 23.6 | 23.4 | 73.8  |
| R2038 | 38   | 39.5 | 1.81  | 21.2 | 18.4 | 99.4  |
| R2039 | 39.5 | 41   | 1.82  | 25.4 | 45.1 | 191.5 |
| R2040 | 41   | 41.7 | 3.5   | 39.7 | 43.7 | 234   |
| R2041 | 41.7 | 42.2 | 17.85 | 148  | 37.6 | 491   |
| R2042 | 42.2 | 43   | 17.05 | 42.5 | 41.7 | 301   |
| R2043 | 43   | 44   | 2.66  | 26.3 | 22.6 | 49.2  |
| R2044 | 44   | 45.5 | 2.83  | 18   | 18.4 | 15.8  |
| R2045 | 45.5 | 47   | 0.78  | 19.2 | 19   | 13    |
| R2046 | 47   | 48.5 | 0.68  | 19.2 | 20   | 16.8  |
| R2047 | 48.5 | 50   | 1.14  | 20.1 | 30.3 | 46.8  |