

February 2022

In a February 25, 2022 press release, Trevali Mining Corp. released financial operating results for 2021, including production, mill throughput, recovery, and average head grade numbers for their Caribou mine in northern New Brunswick. Production results include mine production of 518,639 tonnes, 40.6 million payable pounds of Zn, 13.4 million payable pounds of Pb, and 0.4 million payable ounces of Ag. Mill throughput was 518,541 tonnes with average recoveries of 78.4% for Zn, 61.7% for Pb, and 34.3% for Ag. The average head grades of milled tonnes were 5.5% Zn, 2.1% Pb, and 2.1 oz/ton of Ag.

January 2022

In a January 24, 2022 press release, Trevali Mining Corp. released preliminary fourth quarter and 2021 annual production results for their Caribou mine in northern New Brunswick. Preliminary production results for Q4 2021 were 10 million pounds of payable zinc whereas the preliminary annual production estimate was 41 million pounds of payable zinc. In 2022, Trevali is expecting to increase production to 60-68 million pounds of zinc at their Caribou operation. A decision is expected by the end of H2 2022 on whether they will proceed with additional underground development that will extend the mine life beyond the current two-year mine plan.

November 2021

In a November 11, 2021 press release, Trevali Mining Corp. provided Q3-2021 financial results, which included their operations at the Caribou mine in northern New Brunswick. Results reported for Q2 were: mine production of 668,362 tonnes, mill throughput of 676,289 tonnes, 82.4 million payable pounds of Zn, 11.8 million payable pounds of Pb, and 0.3 million payable ounces of Ag.

March 2021

In a March 30, 2021 press release, Trevali Mining Corporation released Mineral Reserves and Mineral Resources statements as of December 31, 2020 for their base-metal properties in northern New Brunswick. At the **Caribou Mine**, proven and probable mineral reserves are 4.51 million tonnes grading 6.06% Zn, 2.30% Pb, and 70.14 g/t Ag. The measured and indicated mineral resources are 12.52 million tonnes grading 6.52% Zn, 2.47% Pb, and 73.25 g/t Ag. The inferred mineral resources are 2.65 million tonnes grading 5.72% Zn, 2.39% Pb, and 73.86 g/t Ag. At the **Restigouche** property, measured and indicated resources are 1.08 million tonnes grading 5.00% Zn, 3.30% Pb, and 46.30 g/t Ag, and an inferred resource of 580,000 tonnes of 6.10% Zn, 4.30% Pb, and 67.83 g/t Ag. At the **Halfmile** property, measured and indicated resources are reported to be 7.80 million tonnes grading 6.94% Zn, 2.35% Pb, and 36.00 g/t Ag, and an inferred resource of 6.50 million tonnes grading 5.62% Zn, 1.51% Pb, and 23.00 g/t Ag. An indicated resource 4.70 million tonnes grading 5.30% Zn, 2.10% Pb, and 49.00 g/t Ag was reported for the **Stratmat** property with an inferred resource of 2.40 million tonnes grading 4.80% Zn, 2.10% Pb, and 39.00 g/t Ag.

January 2021

In a January 14, 2021 press release, Manganese X Energy announced favorable metallurgical results from the Phase Two program conducted by Kemetco on samples from their Battery Hill manganese project in west-central New Brunswick. This phase of testing focused on developing a more efficient extraction process and flow sheet to generate high-grade manganese sulphate. Recent bench scale tests eliminated cost-intensive purification processes and achieved an overall recovery of 85% with extremely low levels of base and alkali metal contaminants.

In a January 15, 2021 press release, Trevali Mining Corp. announced the planned restart of operations at its Caribou base-metal mine in northern New Brunswick, which has been on care and maintenance since March 2020. With improved zinc market conditions and the implementation of several operational and commercial enhancements, the Company plans to begin mining again in early February 2021 with the first payable zinc production expected by the end of March 2021.

December 2020

In a December 3, 2020 press release, Northcliff Resources Ltd. announced that the New Brunswick Minister of



the Department of Environment and Climate Change has approved a two-year extension of the construction commencement timeline for the Sisson tungsten-molybdenum mine project to December 3, 2022.

March 2020

In a March 25, 2020 press release, Trevali Mining Corp. announced the temporary suspension of operations at the Caribou Mine near Bathurst in northern New Brunswick. The company cited uneconomic operating conditions as the basis for the shutdown stemming from the deteriorating global zinc market, high concentrate treatment charges, and challenges presented by COVID-19. The site will be placed on care and maintenance over the course of April and May at an estimated cost of US\$5 million with ongoing monthly costs estimated at approximately US\$0.5 million. A potential restart timeline has yet to be determined.

February 2020

In a February 20, 2020 press release, Trevali Mining Corp. released their fourth quarter and full-year 2019 production results. At the Caribou Mine in northern New Brunswick, full-year production totals were 75 million payable pounds of zinc, 26.7 million payable pounds of lead, and 705,000 payable ounces of silver. Trevali initiated a life of mine review in Q3 2019, which focused on using the Restigouche deposit as a supplemental source of ore for the Caribou mill. Initial results show that other Trevali-owned satellite deposits with higher grades and tonnages may be better suited to feed the Caribou mill. The study was expanded to include the Halfmile deposit and is estimated to be completed in Q4 2020. In Q4 2019, trial mining of a historical mining zone at Caribou was successful, allowing for incorporation of additional tonnages not previously included in the mine plan. Trial mining of sublevel stoping in the East has also been identified as the location where the new top-down method will be tested in H1 2020. Mining of sill pillars is currently being evaluated and modelling is expected to be completed in Q1 2020. Exploration at the Caribou mine focused on a surface mineral resource conversion program to test the Northern Extension of the Caribou North Limb below the current development. Six holes totaling 3,815 m were completed in Q4 2019. At Trevali's Murray Brook South property, a drilling program is underway to test anomalies identified from a Time-Domain Electro-Magnetic survey.

January 2020

In a January 6, 2020 press release, Trevali Mining Corp. released the results from their 3,815 m infill drill program conducted at their Caribou Zn-Pb-Ag mine in northern New Brunswick. The goal of the program was to delineate and convert Inferred Mineral Resources to Indicated Mineral Resources. Several zones of economical Zn-Pb-Ag mineralization were intersected that indicates the mineralization is wider than previously interpreted in sections of the North Limb and continues toward the north. Highlights of the drilling include: 29.01 m grading 6.24% Zn, 2.33% Pb, and 63.05 g/t Ag (BR-1047B), 68.74 m grading 7.19% Zn, 2.57% Pb, and 86.45 g/t Ag (BR-1048), and 23.00 m grading 5.84% Zn, 1.93% Pb, and 69.25 g/t Ag (BR-1047A).

In a January 20, 2020 press release, Trevali Mining Inc. released the preliminary fourth quarter and full year production results for 2019. At the Caribou Mine in northern New Brunswick, full year production totals for 2019 were 75 million lbs Zn, 26.7 million lbs Pb, and 705,000 oz Ag. The 2020 production guidance for the Caribou Mine are 80-85 million lbs of payable Zn, 27-30 million lbs of payable Pb, and 740,000-810,000 oz of payable Ag.

In a January 27, 2020 press release, Manganese X Energy provided an update on the results of metallurgical work being conducted on samples from their manganese property in west-central New Brunswick. Kemetco has achieved a >99.8% pure MnSO₄ product with low contamination, which is critical for use in the electric vehicle and energy storage industries. Work is ongoing to finalize the flow sheet to produce battery-grade manganese.

November 2019

In a November 5, 2019 press release, Trevali Mining Corp announced their Q3 results. At their Caribou Mine, production totals were: 244,707 tonnes mined; 248,710 tonnes milled; and recovery of 20.3 million payable pounds of Zn, 7.5 million payable pounds of Pb, and 0.2 million payable ounces of Ag. Trevali also reported that they are evaluating the viability of extracting sill pillars excluded from reserves and will be trial mining an alternative sublevel caving mining method that will begin in Q4 2019. Assuming a positive outcome, these extraction methods will be adopted more widely throughout the mine along with the development of a new mine plan and the conversion of current resources to reserves. Currently, the Caribou mine is not feeding the mill to



capacity, therefore, the company is considering their Restigouche property (located approximately 3.5 km from the Caribou mill) as a supplemental ore source. Ore would be stockpiled on site and hauled as required to Caribou for processing. Restigouche requires limited capital to reach production and following the completion of an internal scoping study, the company plans to reach a decision by the end of Q1 2020. Initial results of the four exploration holes drilled to test the northern extension of the Caribou Northern Limb appear to be broadly validating the block model. The goals of the program are to upgrade the mineral resource from inferred to the indicated category further north and at depth of the current Measured and Indicated Mineral Resource, improve the accuracy of the geological model, and evaluate the economic viability of development along the Northern Limb. Drilling will continue in Q4 2019 at Caribou and exploration work to test surface anomalies is expected to begin at Murray Brook South.

In a November 6, 2019 press release, Puma Exploration announced its Precious Metals Evaluation Program (PMEP) on the Murray Brook Deposit in northern New Brunswick. Gold assays were received for the first 207 samples that covered two holes from the 2018 metallurgical drilling program. The massive sulphide in hole MB18-07 contained broad gold and silver enrichment over its entire length with 0.67 g/t Au and 96 g/t Ag over 87.0 meters. The higher gold grades in this hole, including 1.15 g/t Au and 87 g/t Ag over 22.0 meters, were located at the footwall contact with the altered sediments. An additional 650 samples from the 2018 metallurgical drilling program (6 holes) are ready to be sent for gold assays.

July 2019

In a July 10, 2019 press release, Northcliff Resources Ltd. announced that the Sisson Tungsten-Molybdenum Project in central New Brunswick received a final federal authorization for the project. After extensive consultation with First Nations and the general public by Environment and Climate Change Canada and Department of Fisheries and Oceans, authorization for the Metal and Diamond Mining Effluent Regulation Schedule 2 amendment was granted for the project.

In a July 31, 2019 press release, Trevali reported record quarterly zinc production in their second quarter results. Ore tonnes milled at Perkoa, Santander and Caribou improved sequentially with overall grades better than planned due to improved dilution control, primarily at Perkoa and Caribou. Their overall quarterly zinc production increased 5% to 105.2 million pounds. At Caribou, production totals include: 211,389 tonnes mined; 221,628 tonnes milled; and recovery of 18.0 million payable pounds of Zn, 6.1 million payable pounds of Pb, and 0.2 million payable ounces of Ag. The company plans to drill test the Northern Extension of the Caribou North limb below current development as a part of a surface resource conversion drilling program in an effort to extend the mine life. The Northern Extension is currently estimated to contain grades higher than the Mineral Reserves cutoff grade.

June 2019

In a June 10, 2019 press release, Puma Exploration announced the discovery of a new copper zone at their Murray Brook property in northern New Brunswick. The new zone is in a horizon adjacent to the massive sulphide mineralization and coincides with a strong Megatem anomaly at depth, where significant sulphide mineralization over 100 meters was intersected in hole MB18-10. Drill hole MB19-01 returned 26.4 meters grading 1.35% Cu, 19 g/t Ag and 0.18 g/t Au, including a 4.0 meter section of 2.24% Cu and 0.25 g/t Au. In addition, several other significant sulphide intercepts were recorded along the western boundary with grades greater than 1% Cu over more than 20 meters. Other highlights include 23.3 metres grading 1.06% Cu, 17 g/t Ag and 0.13 g/t Au (MB19-02) and 21.0 metres grading 1.16% Cu, 12 g/t Ag and 0.22 g/t Au (MB19-03).

May 2019

In a May 6, 2019 press release, Trevali Mining Corporation reported results from the first quarter of 2019. It included production, mill throughput, and recovery for their Caribou mine in northern New Brunswick. Production totals include: 214,089 tonnes mined; 210,785 tonnes milled; and recovery of 17.8 million payable pounds of Zn, 6.8 million payable pounds of Pb, and 0.2 million payable ounces of Ag.

March 2019



Trevali Mining Corp. reported its Mineral Reserves and Mineral Resources statement as of December 31, 2018 in a press release on March 28, 2019. The statement includes data for the Caribou Mine, Restigouche Project, Halfmile Project and Stratmat Project, all located in the Bathurst Mining Camp.

Caribou Mine: total Proven and Probable reserves of 462.5 M lbs Zn, 176.3 M lbs Pb, 7,753 K oz Ag grading 6.37% Zn, 2.43% Pb, 73.20 g/t Ag; total Measured and Indicated Mineral Resources of 1,411 M lbs Zn, 539 M lbs Pb, 23,285 K oz Ag grading 6.68% Zn, 2.55% Pb, 75.60 g/t Ag; and total Inferred Mineral Resources of 725 M lbs Zn, 299 M lbs Pb, 12,925 K oz Ag grading 6.42% Zn, 2.65% Pb, 78.52 g/t Ag.

Restigouche Project: total Measured and Indicated Mineral Resources of119 M lbs Zn, 79 M lbs Pb, 5.3 M lbs Cu, 1,613 K oz Ag, 18 K oz Au grading 5.00% Zn, 3.30% Pb, 0.22% Cu, 46.30 g/t Ag, 0.52g/t Au; and total Inferred Mineral Resources of 77 M lbs Zn, 55 M lbs Pb, 3.6 M lbs Cu, 1,256 K oz Ag, 15 K oz Au grading 7.10% Zn, 4.30% Pb, 0.28% Cu, 67.83 g/t Ag, 0.81 g/t.

Halfmile Project: total Measured and Indicated Mineral Resources of 1,199 M lbs Zn, 407 M lbs Pb, 31.0 M lbs Cu, 8,980 K oz Ag, 80 K oz Au grading 6.94% Zn, 2.35% Pb, 0.18% Cu, 36.00 g/t Ag, 0.30 g/t Au; and total Inferred Mineral Resources of 806 M lbs Zn, 216 M lbs Pb, 21.0 M lbs Cu, 4,720 K oz Ag, 20 K oz Au grading 5.62% Zn, 1.51% Pb, 0.15% Cu, 23.00 g/t Ag, 0.10 g/t.

Stratmat Project: total Indicated Mineral Resources of 550 M lbs Zn, 214 M lbs Pb, 43.0 M lbs Cu, 7,300 K oz Ag, 90 K oz Au grading 5.30% Zn, 2.10% Pb, 0.40% Cu, 49.00 g/t Ag, 0.60 g/t Au; and total Inferred Mineral Resources of 252 M lbs Zn, 110 M lbs Pb, 37.0 M lbs Cu, 3,000 K oz Ag, 30 K oz Au grading 4.80% Zn, 2.10% Pb, 0.70% Cu, 39.00 g/t Ag, 0.40 g/t.

February 2019

Trevali Mining Corp. announced their 2018 financial results in a press release on February 20, 2019. It included production, mill throughput, and recovery for their Caribou mine in northern New Brunswick. Production numbers include: 887,141 tonnes mined; 884,529 tonnes milled; and recovery of 72.0 million payable pounds of Zn, 25.3 million payable pounds of Pb, and 0.7 million payable ounces of Ag.

January 2019

Trevali Mining Corp. announced its preliminary Q4-2018 production results in a press release on January 17, 2019. It included production, mill throughput, and recovery for their Caribou mine in northern New Brunswick. Production totals include: 184,635 tonnes mined; 174,180 tonnes milled; and recovery of 13.7 million payable pounds of Zn, 5.5 million payable pounds of Pb, and 122,000 payable ounces of Ag.

November 2018

In a November 5, 2018 press release, Nutrien Ltd. announced that they will permanently close their New Brunswick potash facility at Picadilly, which has been in care and maintenance since early 2016. The decision to close the facility was based on their ability to produce potash at their Saskatchewan mines at significantly lower operating and capital costs.

October 2018

In an October 22, 2018 press release, Trevali Mining Corp. reported downgrades to the 2018 production guidance for the Caribou Mine due to adverse conditions in two mining zones. The 2018 production guidance changes are as follows: payable Zn has been revised from 86-90 million pounds to 70-75 million pounds; payable Pb has been revised from 27.1-28.4 million pounds to 23.0-25.0 million pounds; and payable Ag remains unchanged.

August 2018

Trevali Mining Corp. announced its Q2-2018 financial results in a press release on August 8, 2018. It included production, mill throughput, recovery, and average head grade numbers for their Caribou mine in northern New



Brunswick, which include mine production of 266,500 tonnes, 20.5 million payable pounds of Zn, 6.5 million payable pounds of Pb, and 178,753 payable ounces of Ag. Mill throughput was 247,222 tonnes.

On August 29, 2018, joint venture partners Puma Exploration Inc. and Trevali Mining Corp. both released updates on drilling results at the Murray Brook Deposit in the Bathurst Mining Camp in northern New Brunswick. Seven holes were drilled for a total of 1,683 m. Assay highlights include: 36.6 m grading 1.4% Cu (MB18-01), 19.0 m grading 2.1% Cu (MB18-02), 24.0 m grading 2.5% Cu (MB18-03), 120.9 m averaging 7.1% Zn and 2.1% Pb (MB18-05), and 87.1 m averaging 6.9% Zn and 2.4% Pb (MB18-07).

July 2018

On July 5, 2018, Trevali Mining Corp. released an update on its exploration and development activities in the Bathurst Mining Camp as part of its "Life-of-Mill" strategy. At the Caribou Mine, a 12,000 m exploration and definition drilling program commenced in mid-June 2018. The program will target down-dip extensions of the East Limb, Hinge Zone and CX Zone, which all remain open. At the Restigouche Deposit, the company completed approximately 5,000 m of diamond drilling in Q2, highlights of which include: 15.03 m grading 8.01% Zn, 6.4% Pb, 44.9 g/t Ag in RST18-020; 21.31 m grading 6.53% Zn, 5.20% Pb, 65.64 g/t Ag in RST18-028; and 17.19 m grading 8.72% Zn, 7.20% Pb, 198.90 g/t Ag in RST18-037. At the Murray Brook Deposit, metallurgical and geotechnical drilling, exploration drilling, trenching, and geophysical surveys have commenced.

Trevali Mining Corp. announced its preliminary Q2-2018 financial results in a press release on July 18, 2018. It included production, mill throughput, recovery, and average head grade numbers for their Caribou mine in northern New Brunswick. Production numbers include mine production of 266,500 tonnes, 20.5 million payable pounds of Zn, 6.5 million payable pounds of Pb, and 178,753 payable ounces of Ag. Mill throughput was 247,222 tonnes with average recoveries of 76% for Zn, 60% for Pb, and 35% for Ag. The average head grades of the milled tonnes were 5.92% Zn, 2.16% Pb, and 1.96 oz/ton of Ag, with production of 23,394 tonnes of Zn concentrate and 8,400 tonnes of Pb concentrate.

In a July 19, 2018 press release, Manganese X Energy Corp. announced that it has accepted a proposal from the National Research Council. The purpose of the project is to assist the company in developing and producing battery grade materials. The project and tests will be conducted by the NRC/CNRC Mineral Processing Team – Energy, Mining and Environmental Division.

June 2018

In a June 14, 2018 press release, Puma Exploration Inc. released the 2018 work program for the Murray Brook deposit in the Bathurst Mining Camp in northern New Brunswick. The 5,000 m drill program includes: five holes for metallurgical samples, four holes for a geotechnical survey, deepening existing drill holes to investigate the extent at depth and along strike of the deposit, and exploration holes within 500 m of the deposit. Additional work includes: trenching programs on the eastern side of the deposit, initial engineering work related to future production pathways, and coordination with regulatory and permitting departments and agencies.

Trevali Mining Corp. released a NI 43-101 Technical Report effective December 31, 2017 for the Caribou Mine near Bathurst. Measured and Indicated resources at the Caribou Mine are 8.89 Mt grading 6.11% Zn, 2.28% Pb, 0.38% Cu, and 68 g/t Ag. Inferred resources are 7.0 Mt grading 5.7% Zn, 2.1% Pb, 0.3% Cu, and 65 g/t Ag. Proven and Probable reserve estimates are 5.11 Mt grading 5.84% Zn, 2.15% Pb, 0.37% Cu, and 63.2 g/t Ag.

May 2018

Callinex Mines Inc. announced the results of an independent initial Preliminary Economic Assessment (PEA) at the Nash Creek and Superjack projects in the Bathurst Mining Camp in a May 14, 2018 press release. Some of the plans, infrastructure, and production details outlined in the initial PEA are: a 3,900 tpd open-pit mining operation (10 year mine life); a Dense Media Separation plant and a conventional flotation process facility (1,950 tpd); an average annual production of 77M lbs of Zn, 15M lbs of Pb, and 437,000 ounces of Ag. Economics outlined in the initial PEA include a pre-tax internal rate of return of 34.1% and a pre-tax Net Present Value at an



8% discount rate of C\$230 million with a pre-tax payback period of 2.4 years (based on C\$168 million pre-production capital costs and a zinc price of US\$1.25/lb). The initial PEA includes only Inferred Mineral Resources. Future work includes additional exploration to improve the project's economics by allowing higher grade material to be mined earlier in the plan.

Trevali Mining Corporation announced its Q1-2018 financial results in a press release on May 10, 2018. The press release included production, mill throughput, recovery, and average head grade numbers for their Caribou mine in northern New Brunswick. Production numbers include mine production of 238,650 tonnes, 19.1 million payable pounds of Zn, 7.2 million payable pounds of Pb, and 216,087 payable ounces of Ag. Mill throughput was 235,531 tonnes with average recoveries of 75% for Zn, 62% for Pb, and 41% for Ag. The average head grades of the milled tonnes were 5.9% Zn, 2.4% Pb, and 2.1 oz/ton of Ag, with production of 22,769 tonnes of Zn concentrate and 9,556 tonnes of Pb-Ag concentrate.

April 2018

An April 17, 2018 press release from Northcliff Resources Ltd., on behalf of Sisson Mines Ltd., provided an update on their Sisson Tungsten-Molybdenum Project in central New Brunswick. Regulatory and permitting work continues including: Metal Mining Effluent Regulations Schedule 2 amendment, and applications for Crown land and Mining leases that are required for mine construction and operation. Other ongoing work includes education and training initiatives, environmental monitoring, and working with the Woodstock First Nation. Additionally, a metallurgical optimization program is in progress with Bomenco Minerals Engineering & Consulting Inc. to assess the potential to improve the grade of the tungsten while maintaining metallurgically optimal recoveries.

In an April 12, 2018 press release, Trevali Mining Corporation released preliminary Q1-2018 production numbers as well as Mineral Reserves and Mineral Resources Statements as of December 31, 2017 for the Caribou Mine located in the Bathurst Mining Camp, New Brunswick. Preliminary production estimates for Q1-2018 are 238,650 tonnes mined, 19.0 million lbs of payable zinc, 7.2 million lbs of payable lead, and 216,087 ozs of payable silver. Mill throughput was 235,531 tonnes with average head grades and recoveries of 5.94% and 75% for zinc, 2.43% and 62% for lead, 2.14 ozs/ton and 41% for silver, respectively.

In an April 16, 2018 press release, Trevali Mining Corporation released Mineral Reserve estimates for the Caribou Mine in northern New Brunswick. Proven and Probable Mineral Reserves as of December 31, 2017 are 729.3 M lbs of Zn, 272.5 M lbs of Pb, and 11,945 K oz of Ag at a grade of 6.34%, 2.37%, and 71.20 g/t, respectively, in 5.22 Mt. They also provided Mineral Resource estimates (as of December 31, 2017) for the Caribou Mine, Halfmile Mine and Stratmat:

- Caribou Mine: Measured and Indicated Resources include 1,197.5 M lbs of Zn (grading 6.11%), 446.9 M lbs of Pb (grading 2.28%), 74.5 M lbs of Cu (grading 0.38%), 19,449 K oz of Ag (grading 68.00 g/t) in 8.89 Mt; Inferred Resources are 879.6 M lbs at a grade of 5.70% Zn, 324.1 M lbs at a grade of 2.10 % Pb, 46.3 M lbs at a grade of 0.30 % Cu, 14,597 K oz Ag at a grade of 65.00 g/t Ag in 7.00 Mt.
- Halfmile Mine: Measured and Indicated Resources are 1,199 M lbs of Zn (grading 6.94%), 407.0 M lbs of Pb (grading 2.35%), 31.0 M lbs of Cu (grading 0.15%), 8,980 K oz of Ag (grading 36 g/t), and 80 K oz of Au (grading 0.30 g/t) in 7.80 Mt; Inferred Resources are 806.0 M lbs of Zn (grading 5.62%), 216.0 M lbs of Pb (grading 1.51%), 21.0 M lbs of Cu (grading 0.15%), 4,720 K oz of Ag (grading 23 g/t), and 20 K oz of Au (grading 0.10 g/t) in 6.50 Mt.
- Stratmat: Indicated Resources are 550.0 M lbs of Zn (grading 5.30%), 214.0 M lbs of Pb (grading 2.10%), 43.0 M lbs of Cu (grading 0.40%), 7,300 K oz of Ag (grading 49 g/t), and 90 K oz of Au (grading 0.60 g/t) in 4.70 Mt; Inferred Resources are 252.0 M lbs of Zn (grading 4.80%), 110.0 M lbs of Pb (grading 2.10%), 37.0 M lbs of Cu (grading 0.70%), 3,000 K oz of silver (grading 39 g/t), and 30 K oz of Au (grading 0.40 g/t) in 2.40 Mt.



In a March 1, 2018 press release Manganese X Energy Corp. reported on efforts to understand the mineralogical composition of the manganese bearing zone at the Battery Hill deposit near Woodstock, in west-central New Brunswick. The results showed that the deposit contains several manganese minerals ranging from complex carbonates to silicates, and that the total manganese bearing mineral assemblage represented up to 50% of the ore mass in some cases. An extraction testing program showed high manganese extraction levels (up to 96%) with variable iron and alkali metal solubility levels. The company is working on further metallurgical testing to develop processing methods to upgrade the ores.

Trevali Mining Corporation announced its 2017 annual financial results in a press release on March 13, 2018. The press release included Q4-2017 production, mill throughput, recovery, and average head grade numbers for their Caribou mine in northern New Brunswick. Production numbers for Q4-2017 include 21.7 million payable lbs of zinc, 8.7 million payable lbs. of lead, and 249,643 payable ounces of silver. Mill throughput was 252,857 tonnes with average recoveries of 78% for zinc, 66% for lead, and 40% for silver (contained in lead concentrate). Underground mine production increased in Q4-2017 to 250,225 tonnes. The average head grades of the milled tonnes in Q4-2017 were 6.02% Zn, 2.56% Pb, and 2.32 oz/ton of Ag, with production of 25,021 tonnes of zinc concentrate averaging 47% Zn and 10,644 tonnes of lead-silver concentrate averaging 40%Pb and 21.8 oz/ton Ag. The company is expecting increased production in 2018 with improvements to mine systems, infrastructure and plans.

January 2018

In a January 15, 2018 press release, Trevali reported preliminary production numbers for their Caribou mine in northern New Brunswick. In Q4-2017, preliminary production numbers indicate a record quarter for metal production, mine output and mill throughput. Estimates indicate that 21.7 million pounds of payable zinc, 8.7 million pounds of payable lead, and 249,643 payable ounces of silver were produced in Q4 2017. Mine output and mill throughput reached record quarterly highs of 250,225 tonnes and 252,857 tonnes, respectively. In total, preliminary production from the Caribou operation in 2017 consisted of 937,459 tonnes mined and 945,436 tonnes milled at an average head grade of 5.9% Zn, 2.6% Pb, and 2.2 oz/t Ag. The 2017 payable production numbers are 79.9 million lbs of Zn, 30.9 million lbs of Pb, and 890,300 oz of Ag. In the coming year, Trevali plans to embark on an exploration program aimed at expanding their mineral resource and finding new deposits. This will include a 10,000 m drill program at the Caribou mine.