



**Euro
Manganese
Inc.**

EURO MANGANESE INC.

Annual Information Form

For the year ended September 30, 2018

December 10, 2018

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FORWARD LOOKING STATEMENTS

Certain statements in this annual information form ("**AIF**") constitute "forward-looking statements" or "forward-looking information" within the meaning of applicable securities laws. Such statements involve known and unknown risks, uncertainties and other factors which may cause the actual results, performance or achievements of Euro Manganese Inc. ("**EMN**" or the "**Company**"), or its mineral projects, or industry results, to be materially different from any future results, expectations, performance or achievements expressed or implied by such forward-looking statements or forward-looking information. Such statements can be identified by the use of words such as "may", "would", "could", "will", "intend", "expect", "believe", "plan", "anticipate", "estimate", "scheduled", "forecast", "predict" and other similar terminology, or state that certain actions, events or results "may", "could", "would", "might" or "will" be taken, occur or be achieved. These statements reflect the Company's current expectations regarding future events, performance and results and speak only as of the date of this AIF.

Specific statements in this AIF that constitute forward-looking statements or forward-looking information include, but are not limited to: (i) the planned amount, completion, size and timing, as well as the degree of success of, any future exploration program including drilling programs, the potential addition of Mineral Resources and the potential to upgrade exploration targets to Mineral Resources as a result of such exploration and drilling programs; (ii) the amount, completion and timing of an preliminary economic analysis, or other ongoing environmental, metallurgical, market and other studies, (iii) the timing, and the ability of the Company to upgrade Indicated Resources to Measured Resources; (iv) the prospective receipt of permits, licenses or approvals at any mineral project, including those necessary to commence development or mining operations; (v) the amount and timing of capital expenditures; (vi) the expected levels of operating costs, general administrative costs, costs of services and other costs and expenses; (vii) the amount, timing and ability of the Company to negotiate and obtain surface rights to those parcels of original ground underlying and immediately surrounding, the three tailings deposit which comprise the Company's project, in addition to any lands or areas required for the Company's anticipated processing plants; and (ix) expected activities or results of exploration, development or mining operations at any mineral project.

With respect to forward-looking statements or forward-looking information contained in this AIF, in making such statements or providing such information, the Company has made assumptions regarding, among other things: (i) the accuracy of the estimation of Mineral Resources; (ii) that exploration activities and studies will provide results that support anticipated development and extraction activities; (iii) that studies of estimated mine life and production rates at the Chvaletice Manganese Project will provide results that support anticipated development and extraction activities; (iv) that the Company will be able to obtain additional financing on satisfactory terms, including financing necessary to advance the development of the Chvaletice Manganese Project; (v) that infrastructure anticipated to be developed or operated by third parties, including electrical generation and transmission capacity, will be developed and/or operated as currently anticipated; (vi) that laws, rules and regulations are fairly and impartially observed and enforced; (vii) that the market prices for relevant commodities remain at levels that justify development and/or operation of the Chvaletice Manganese Project; (viii) that the Company will operate efficiently and maintain stable operating costs; (ix) that foreign exchange rates affecting realized prices for the Company's products and affecting the input costs remain at levels that justify development and/or operation of the Chvaletice Manganese Project; (x) that the Company will be able to obtain, maintain, renew or extend required permits; (xi)) that the Company will successfully negotiate and acquire the surface rights to those parcels of original ground underlying and immediately surrounding, in addition to any lands or areas required for the construction of its anticipated processing plants and other facilities. All other assumptions used in this AIF constitute forward-looking information.

In making the forward-looking statements and forward-looking information, the Company has made such statements based on assumptions and analyses on certain factors which are inherently uncertain. Uncertainties include among others: (i) the adequacy of infrastructure and rehabilitation or upgrade of existing infrastructure; (ii) geological characteristics; (iii) metallurgical characteristics of the mineralization; (iv) the ability to develop adequate processing capacity; (v) the price of manganese or other minerals; (vi) the availability of equipment and facilities necessary to complete exploration and development, (vii) the cost of consumables and mining and processing equipment; (viii) unforeseen technological and engineering problems; (ix) accidents, natural disasters, or acts of sabotage or terrorism; (x) currency fluctuations; (xi) changes in laws or regulations; (xii) the availability and productivity of skilled labour; (xiii) the regulation of the mining industry by various governmental agencies; (xiv) globally economic uncertainties, including interest rates, equity and debt capital market volatility affecting the availability of future funding, and (xv) other liabilities inherent in the Company's operations.

This AIF also contains references to estimates of Mineral Resources. The estimation of Mineral Resources is inherently uncertain and involves subjective judgments about many relevant factors. Mineral Resources that are not Mineral Reserves do not have demonstrated economic viability. Mineral Reserves that have demonstrated economic viability may cease to be economically viable as a result of many factors, including those set forth in the AIF. The accuracy of any such estimates of Mineral Resources is a function of the quantity and quality of available data, and of the assumptions made and judgments used in engineering and geological interpretation (including estimated future production from the Chvalteice Manganese Project, the anticipated tonnages and grades that will be mined and the estimated level of recovery that will be realized), which may prove to be unreliable and depend, to a certain extent, upon the analysis of drilling results and statistical inferences that may ultimately prove to be inaccurate. Mineral Resource estimates may have to be re-estimated based on, among other things: (i) fluctuations in manganese or other mineral prices; (ii) results of drilling; (iii) results of metallurgical testing and other studies; (iv) proposed mining operations, including dilution; (v) the evaluation of mine plans subsequent to the date of any estimates; and (vi) the possible failure to receive required permits, approvals and licenses. Mineral Reserves, if any, may have to be re-estimated based on, among other things: (i) fluctuations in manganese or other mineral prices; (ii) results of actual mining operations; (iii) changes to mine plans subsequent to the date of any estimates; or (iv) the possible failure to receive required permits, approvals and licenses, or the failure to have such required permits, approvals, or licenses honored or extended.

Forward-looking statements involve significant risks and uncertainties, should not be read as guarantees of future performance or results, and will not necessarily be accurate indicators of whether or not such results will be achieved. A number of factors could cause actual results to differ materially from the results discussed in the forward-looking statements, including, but not limited to, the factors discussed above and below and under "*Risk Factors*", as well as unexpected changes in laws, rules or regulations, or their enforcement by applicable authorities, including potentially arbitrary action; the failure of parties to contracts with the Company to perform as agreed; social or labour unrest; changes in commodity prices; unexpected changes in the cost of mining consumables; and the failure of exploration programs or current or future economic studies to deliver anticipated results or results that would justify and support continued exploration, studies, development or operations.

Although the forward-looking statements contained in this AIF are based upon what management of the Company believes are reasonable assumptions, the Company cannot assure readers that actual results will be consistent with these forward-looking statements. The Company's actual results could differ materially from those anticipated in these forward-looking statements, as a result of, amongst others, those factors noted above and those listed under the heading "*Risk Factors*". These forward-looking statements are made as of the date of this AIF and are expressly qualified in their entirety by this cautionary statement.

Subject to applicable securities laws, the Company assumes no obligation to update or revise the forward-looking statements contained herein to reflect events or circumstances occurring after the date of this AIF.

DEFINITIONS AND OTHER INFORMATION

Currency

All references to "\$", "CAD\$" or "dollars" in this AIF mean Canadian dollars. References to "A\$" are to Australian dollars, references to "USD\$" are to United States dollars, references to "CZK\$" are to Czech Koruna, and references to "€" are to Euros.

Definitions

Attached as Schedule "A" to this AIF are tables setting out defined terms.

Scientific and Technical Information

The scientific and technical information with respect to the Chvaletice Manganese Project contained in this AIF is derived from the independent NI 43-101 technical report with an effective date of April 27, 2018 (released June 21, 2018) entitled "*Technical Report on Mineral Resource Estimation for the Chvaletice Manganese Project Chvaletice, Czech Republic*" prepared by Mr. James Barr, P. Geo, and Mr. Jianhui (John) Huang, Ph.D., P. Eng. (the "**Technical Report**").

The technical information in this AIF has been updated with current information where applicable. The full text of the Technical Report has been filed with Canadian securities regulatory authorities pursuant to NI 43-101 and is available for review under the Company's SEDAR profile at www.sedar.com.

Mr. Gary Nordin, EMN's Chief Geologist, has reviewed and approved the scientific and technical information in respect of the Chvaletice Manganese Project contained in this AIF. Mr. Nordin is considered, by virtue of his education, experience and professional association, to be a qualified person for the purposes of NI 43-101. Mr. Nordin is not independent within the meaning of NI 43-101.

CORPORATE STRUCTURE OF THE COMPANY

Name, Address and Incorporation

Euro Manganese Inc. was incorporated under the BCBCA on November 24, 2014.

The Shares were listed for trading on the TSXV on October 2, 2018, under the symbol "EMN." The Shares, in the form of CHESSE Depository Interests (each, a "CDI" with each CDI representing one fully paid Share) were admitted to the Official List of the ASX effective September 28, 2018 and trade under the symbol "EMN." On October 11, 2018, the Shares also became eligible to trade on the Frankfurt Stock Exchange under the trading symbol "E06." The Company is a reporting issuer in British Columbia, Alberta and Ontario.

The registered office of the Company is located at Suite 1700 – 666 Burrard Street, Vancouver, British Columbia V6C 2X8 and its head office is located at Suite 1500 – 1040 West Georgia Street, Vancouver, BC V6E 4H8.

Intercorporate Relationships

References in this AIF to the business of the Company include the business conducted by its sole subsidiary, Mangan Chvaletice s.r.o. ("**Mangan**"). As at December 10, 2018, the Company holds 100% of the voting shares of Mangan, a company formed under the laws of the Czech Republic. Mangan owns a 100% interest in the Chvaletice Manganese Project.

GENERAL DEVELOPMENT OF THE BUSINESS

Overview

EMN is a publicly-traded mineral exploration company whose principal business is the evaluation and potential development of the Chvaletice Manganese Project, in the Czech Republic, which involves the re-processing of a manganese deposit hosted in historic mine tailings. The Company's activities in the Czech Republic are conducted through its wholly-owned subsidiary, Mangan, which owns the Chvaletice Manganese Project.

Three Year History

2016

On May 13, 2016, the Company acquired a 100% interest in Mangan, from Mangan's founding shareholders pursuant to an acquisition agreement (the "**Mangan Acquisition Agreement**"), cancelling the earn-in option agreement entered into on December 14, 2014 to acquire an indirect interest in the exploration-stage Chvaletice Manganese Project. In connection with the acquisition, the Company agreed to issue the following consideration to Mangan's founding shareholders:

- (1) An aggregate cash payment of \$10,590 paid in early June 2016.
- (2) The issuance of Shares in five equal tranches, each tranche valued at \$300,000, for a total value of \$1,500,000. The first tranche, issued on June 16, 2016, consisted of 3,000,000 Shares at an estimated fair value of \$0.10 per Share, and the second tranche, issued on May 13, 2017, consisted of 2,727,275 Shares at an estimated fair value of \$0.11 per Share, as adjusted to reflect the subdivision of Shares on a one-for-five basis which was approved at the Annual General Meeting of the Company on March 20, 2018 (the "**Share Split**"). The third tranche was issued

on May 9, 2018 and consisted of 1,500,000 Shares at an estimated fair value of \$0.20 per Share. The last two tranches will be issued May 13, 2019 and May 13, 2020 and the number of Shares to be issued will be based on the estimated value of the Shares at the time of each issue. The value of the shares to be issued in tranches four and five will be equal to the 20-trading day volume weighted average price of the Share on the TSXV. The total number of Shares to be issued under the Mangan Acquisition Agreement is restricted to an amount that, when combined with other Shares held by Mangan's founding shareholders, does not exceed 20% of the outstanding Shares following the applicable share issuance. Refer to "*Three Year History – 2018*" for an amendment to the terms of this commitment.

- (3) The grant of an aggregate 1.2% net smelter royalty ("**NSR**") interest in the Chvaltice Manganese Project, pursuant to three separate arm's length royalty agreements (each, a "**Royalty Agreement**") with each of Mr. Jiří Šourek as to a 0.396% NSR, Mr. Pavel Reichl, as to a 0.408% NSR, and Mr. Tomáš Pechar, as to a 0.396% NSR. Pursuant to each Royalty Agreement, Mangan has a right of first refusal on the sale of all or a part of the royalties held by Mangan's founding shareholders and has a 90 day right to match any offer accepted by any of the royalty holders to sell their NSR interests.

During the fiscal year 2016, the Company issued 17,636,725 Shares having an aggregate value of \$1,141,553 comprised of: 10,700,000 Shares from private placements totaling \$562,700; 2,603,390 Shares issued for \$198,853 in services rendered; 1,333,335 Shares issued as a repayment of \$80,000 in debt; and 3,000,000 Shares having a value of \$300,000 issued in connection with the Mangan Acquisition Agreement as described above. Total project evaluation expenses incurred during the year ended September 30, 2016 were \$624,000 and total administrative expenditures amounted to \$322,000.

2017

During the fiscal year 2017, the Company issued 60,374,885 Shares having an aggregate value of \$5,682,120 comprised of: 53,517,725 Shares from private placements totaling \$5,286,028; 4,129,885 Shares issued for \$431,160 in services rendered; and 2,727,695 Shares having a value of \$300,000 issued in connection with the Mangan Acquisition Agreement. Total evaluation expenses incurred during the year ended September 30, 2017 were \$2.4 million and total administrative expenditures amounted to \$1 million.

The majority of the project evaluation expenditures in fiscal 2017 were incurred in the fourth quarter following the completion of the private placements referred to above and involved the summer of 2017 drilling campaign completed by the Company to upgrade the Chvaltice Manganese Project's mineral resource to NI 43-101 standards and the subsequent metallurgical, environmental, plant site location and design studies which followed.

2018

During the year ended September 30, 2018, the Company issued 70,097,990 Shares having an aggregate value of \$12,788,874 comprised of: 37,750,000 Shares from a February 2018 private placement at \$0.20 per Share and 25,000,000 Shares issued in connection with the Australian Offering (defined below) having a combined value of \$11,460,590; 646,003 Shares issued as brokers fees in connection with the February 2018 private placement and the Australian Offering; 370,877 Shares issued for \$2,833,940 in services rendered; 50,000 Shares pursuant to an exercise of options at \$0.55 per Share; and 1,500,000 Shares having a value of \$300,000 issued in connection with the Mangan Acquisition Agreement.

On June 15, 2018, the Company and Mangan's three founding shareholders amended the terms of the Mangan Acquisition Agreement to: (i) limit the minimum deemed value of the Shares to be issued under

the last two tranches so as not to be less than \$0.05 per Share; (ii) provide the Company with an option to settle the remaining two tranches in cash rather than Shares; and (iii) agree to settle the last two tranches in cash in the event that the remaining two Share issuances result in the deemed value of the Shares being below \$0.05 per share.

On September 4, 2018, the Company lodged a prospectus with the Australia Securities and Investments Commission to qualify a minimum of 20,000,000 CDIs, with a right to accept oversubscriptions of 14,000,000 CDIs to a maximum offering of 34,000,000 CDIs, at A\$0.26 per CDI (the "**Australian Offering**") pursuant to an offer management agreement entered into between the Company and the Australian agent (the "**Offer Management Agreement**"). The Company and the Australian agent subsequently fixed the number of CDIs to be issued under the Australian Offering to 25,000,000 which resulted in gross proceeds to the Company of A\$6,500,000 (approximately \$6.1 million). On September 28, 2018, the Company was admitted to the Official List of ASX and the official quotation of the Company's securities commenced on October 2, 2018 under the symbol "EMN."

On September 21, 2018, the Company filed a final prospectus with the British Columbia, Alberta and Ontario Securities Commissions to qualify the distribution of 10,000,000 Shares (the "**Canadian Offering**") of the Company at a price of \$0.25 per Share for total gross proceeds of \$2,500,000 pursuant to an agency agreement between the Company and the Canadian agent (the "**Agency Agreement**"). The Company obtained a receipt for its final prospectus on September 24, 2018 and completed Canadian Offering on October 2, 2018, at which time its Shares commenced trading on the TSXV under the symbol "EMN." Gross proceeds to the Company from the Canadian Offering and Australian Offering were approximately \$8,600,000.

Total project evaluation expenses incurred during the year ended September 30, 2018 were \$4.6 million and total administrative expenditures amounted to \$1.9 million. During the fiscal year 2018, the Company successfully obtained a Preliminary Mining Permit, one of the key steps toward final permitting for the Chvaletice Manganese Project. The Company also obtained an additional exploration license from the Czech Ministry of Environment allowing it to drill the slopes on the perimeter of the tailings piles which, along with the Preliminary Mining Permit, secures the Company's rights to the entire tailings deposit. On August 13, 2018, the Company signed an option agreement granting it the right to acquire 100% of the equity of EP Chvaletice s.r.o. ("**EPCS**"), a company that owns a significant parcel of land suitable for the development of the Chvaletice Manganese Project tailings extraction facility and plant (the "**EPCS Option Agreement**"), by making payments totaling 140 million Korunas (approximately \$8.31 million) payable in three cash instalments. (See "*Description of the Business – The Chvaletice Manganese Project Resource*").

DESCRIPTION OF THE BUSINESS

General

Euro Manganese is Canadian public company whose shares are listed on the TSXV and the ASX. The Company's principal business is the evaluation and potential development of the Chvaletice Manganese Project, which involves the re-processing of a manganese deposit hosted in historic mine tailings to produce high purity manganese products. The Company's activities in the Czech Republic are conducted through its wholly-owned subsidiary, Mangan, which holds the rights to the Chvaletice Manganese Project and related exploration tenures, permits and real property.

With the development of the Chvaletice Manganese Project, the Company aims to establish a reliable producer of high-purity electrolytic manganese metal ("**HPEMM**") and/or high-purity manganese

sulphate monohydrate ("**HPMSM**") to satisfy the needs of producers of lithium-ion battery precursor materials, as well as producers of specialty steel and aluminum alloys.

The Company is committed to advancing the Chvalětice Manganese Project in an effective, efficient and prudent manner while adhering to the best practices in corporate governance, application of technology, environmental excellence and social integration. The Company's goal is to develop a state-of-the-art, commercially-viable and environmentally sustainable business enterprise.

Evaluation and Planning Activities

In 2017, the Company conducted an extensive drilling program, using state-of-the-art Sonic sampling technology to sample the tailings for resource estimation and bulk-sampling purposes, conducted a broad range of tests and analyses at leading laboratories in Europe, North America and Asia, and implemented a quality assurance and quality control program to ensure the integrity of its resource estimates. The results of this 2017 work program have been reported on in the Technical Report.

The Company conducted an additional phase of drilling at the Chvalětice Manganese Project in July and August 2018, designed to upgrade the confidence level of the resource estimate that was published in the Technical Report. A total of 80 holes were drilled, totaling 1,510 metres in length, comprising of: 54 Sonic drill holes totaling 1,410 metres, consisting of 35 vertical holes, totaling 661 metres, and 19 inclined holes, totaling 749 metres (focused on sampling the embankment of the tailings piles, which was largely classified as an inferred resource following the 2017 drill program, as it could not be accessed using vertical drill holes); and 26 hand-auger holes, totaling 100 metres. A total of 767 samples were sent for assaying and various other tests. An additional 63 samples were sent for analysis, as part of a comprehensive quality assurance/quality control program, that included blind insertion of duplicates, blanks and standards, as well as independent check assays. Final results were received in late November 2018 and are expected to be incorporated in an updated NI 43:101 Resource Estimate to be prepared by Tetra Tech Canada Inc. ("**Tetra Tech**"). The updated Resource Estimate results are expected to be issued in December 2018. The final report for the updated Resource Estimate is expected to be filed in January 2019.

Following the collection of 14.8 tonnes of samples representative of the Chvalětice tailings in the summer of 2017, an extensive metallurgical testwork and process design program was initiated by the Company and is now nearing completion. The focus of the overall program is the development of technically, environmentally and economically robust process flowsheets for the production of HPEMM and/or HPMSM. The Company expects to make a decision in early 2019 on the flowsheet that will be advanced to the next stage of evaluation and planning, which is expected to be a Feasibility Study.

The metallurgical testwork program involved completion of over 535 individual bench and pilot-scale tests, and 8,125 assays. It also entailed extensive equipment vendor testing and third-party exploratory, confirmation and verification tests. The program included beneficiation testwork, principally focused on magnetic separation, as well as leaching, solution purification, solid-liquid separation, wash water reagent recovery, electrowinning, and passivation and crystallization tests. It also included 21 days of locked-cycle pilot-scale test runs, on a pilot plant that was purposely built for this program. Preliminary findings to date are encouraging and the resulting product specifications are excellent. Detailed results are being compiled and interpreted. A summary of these findings by Tetra Tech is expected to be presented in the context of a Preliminary Economic Assessment ("**PEA**") which is expected to be released early in calendar 2019.

In 2018, the Company initiated hydrological and hydrogeological studies to extend the baseline environmental monitoring program, and initiated a study on mining, tailings storage operations and reclamation design, and waste management plans. Planning and preparation of the Company's

Environmental Assessment application has been initiated, with the objective of filing a Project Description/Notification early in 2019 and an Environmental Assessment application shortly thereafter. The Company has also undertaken scoping and pre-feasibility-level process design studies, evaluating plant and site infrastructure layout alternatives, elaboration of preliminary capital and operating cost estimates, planning and extensive environmental impact studies. It has also initiated widespread community and regulatory agency consultations. The Company believes that it must involve local communities in the development of the Chvaletice Manganese Project, and meaningfully incorporate local input to ensure the project's economic, environmental and social viability. The Company continues to advance its investigations to narrow down potential plant and related facilities site options, and to advance the Company's land acquisition program.

Market research and discussions with potential off-take purchasers are ongoing and are increasingly focused on product specifications, especially those required to meet the requirements of the producers of high-performance Nickel, Manganese and Cobalt ("NMC") lithium-ion battery precursor materials. NMC battery chemistry is progressively emerging as the dominant electric vehicle battery chemistry in the world and is widely expected to experience strong demand growth in the coming decade. High-purity manganese inputs are a vital constituent of this new generation of automotive batteries. The Company's goal is to differentiate itself in this highly competitive market by focusing on the reliable and sustainable European production of the highest quality and purity materials, designing its products to meet what it expects will be increasingly demanding raw material specifications, as the battery industry progresses with the deployment of highly sophisticated low cobalt NMC formulations.

The Chvaletice Manganese Project Resource

The Chvaletice Manganese Project manganese resource is contained in three adjacent tailings piles that were emplaced on flat terrain immediately below the site of a flotation mill site, adjacent to the former Chvaletice open pit mine. The Chvaletice Manganese Project is the subject of the Technical Report prepared by Mr. James Barr, P. Geo, Senior Geologist, and Mr. Jianhui (John) Huang, Ph.D., P. Eng., Senior Metallurgical Engineer, both with Tetra Tech, both of whom are "qualified persons" under NI 43-101.

A summary of the Technical Report resources is presented in the table below:

Cell	Class	Volume (m ³ , '000s)	Tonnes (kt)	Bulk		
				Density (t/m ³)	Total Mn (%)	Soluble Mn (%)
T1	Indicated	5,684	8,832	1.55	8.08	6.46
	Inferred	1,004	1,497	1.49	8.60	6.87
T2	Indicated	6,773	10,567	1.56	6.86	5.48
	Inferred	996	1,648	1.65	7.90	6.05
T3	Indicated	2,772	3,973	1.43	7.34	5.78
	Inferred	250	363	1.46	7.84	6.14
Total	Indicated	15,229	23,371	1.53	7.40	5.90
	Inferred	2,251	3,508	1.56	8.21	6.43

Note ⁽¹⁾: Numbers may not add exactly due to rounding.

Note ⁽²⁾: Mineral Resources do not have demonstrated economic viability but have reasonable prospects for eventual economic extraction. Inferred Resources have lower confidence than Indicated Resources. The estimate of Mineral Resources may be materially affected by environmental, permitting, legal, title, taxation, sociopolitical, marketing, or other relevant issues.

The original exploration license for the Chvaletice Manganese Project, issued by the Czech Republic's Ministry of the Environment on September 2, 2014, was transferred to Mangan effective January 28, 2015

and was valid until September 30, 2019 ("**Exploration License Trnávka I**"). On December 4, 2018, Mangan received a renewal and extension of this license until 31 May 2023. On May 4, 2018, the Czech Ministry of Environment issued Mangan an additional exploration licence allowing it to drill the slopes on the perimeter of the tailings piles ("**Exploration License Trnávka II**"). Exploration License Trnávka II became effective May 23, 2018 and is valid until May 31, 2023. On April 17, 2018, with effect from April 28, 2018, Mangan was issued a Preliminary Mining Permit by the Ministry of Environment, referred to by the Ministry of Environment as the prior consent of the establishment of the Mining Lease District (the "**Preliminary Mining Permit**"). The Preliminary Mining Permit, valid until April 30, 2023, covers the areas included in Exploration License Trnávka I and the Exploration License Trnávka II (together the "**Licenses**") and now secures Mangan's rights for the entire deposit.

The Preliminary Mining Permit forms one of the prerequisites for the application for the establishment of the Mining Lease District and represents one of the key steps towards final permitting for the project. Based on the Preliminary Mining Permit and other documents, including the Environmental Impact Assessment (which may only commence after the Preliminary Mining Permit is issued), Mangan has until April 30, 2023 to apply for the establishment of the Mining Lease District covering the areas included in the Licenses. The establishment of the Mining Lease District, the application for the final Mining Permit, and applications for permits relating to the construction of infrastructure required for the project, are required prior to mining at the Chvaletice Manganese Project.

At present, Mangan does not hold surface rights to the Chvaletice Manganese Project area, which are considered as those lands of original ground elevation surrounding, and those parcels of original ground underlying and immediately surrounding, the three tailings deposit which comprise the Chvaletice Manganese Project. The area of interest for the Chvaletice Manganese Project overlies 18 privately owned land parcels with surface rights. To date, Mangan has received the consent to conduct exploration activities and to access the site from the land owners whose surface properties underlie the tailings. In the future, the Company expects to negotiate the acquisition of surface rights, leases, rights of way, or other arrangements in those areas where it may wish to develop its operations, site facilities and infrastructure. There is no guarantee that areas needed for these activities and facilities will be available. See "*Risk Factors – Risks Relating to the Business of the Company and Industry-related Risks - Rights to use the Surface of the Company's Mineral Properties are not Guaranteed*".

On August 13, 2018, following completion of legal and financial diligence, the Company, through its subsidiary, Mangan, signed the EPCS Option Agreement giving it the right to acquire 100% of the equity of EPCS, a small Czech steel fabrication company that owns a 19.94 hectare parcel of land located immediately south of the highway and rail line that bound the Chvaletice tailings deposit and immediately adjacent to the Chvaletice power plant and 1.7-hectare parcel of land and rail siding that was acquired by the Company in November 2017. The land is zoned for industrial use and contains numerous buildings, including office, warehousing and other industrial structures, several of which are leased to short-term tenants. The land also contains two rail spurs and is served by gas, water and power. The Company will have the right to acquire EPCS by making payments aggregating 140 million Korunas payable in three cash instalments, the first of which was paid on October 17, 2018 in the amount of 14 million Czech Korunas (approx. CAD\$815,000). The Company can complete the acquisition of EPCS by making two additional instalments aggregating 126 million Korunas (approx. CAD\$7.32 million) as follows:

- i. an instalment of 42,000,000 Czech Koruna (approx. CAD\$2.44 million) ("**Second Instalment**"), within 60 days of final approval of the environmental impact assessment for the Chvaletice Manganese Project, and no later than three years after signing the EPCS Option Agreement. The three-year term may be extended under certain circumstances by up to one year; and

- ii. a final payment of 84,000,000 Czech Koruna (approx. CAD\$4.88 million) ("**Final Payment**"), due upon receipt of all development permits for the Chvaletice Manganese Project, and no later than five years after signing the EPCS Option Agreement.

The shares of EPCS are being held in escrow pending release of the Final Payment by the Company. To secure the transaction, liens have been placed by the Company on the property and shares of EPCS, while the EPCS Option Agreement is in effect. The vendor of EPCS will continue to operate its steel fabrication business until the Final Payment is received, will retain profits from the business and will remain responsible for any losses incurred by the business during the term of the EPCS Option Agreement. The Company will endeavour to retrain and transition into the proposed Chvaletice Manganese Project workforce as many of the EPCS employees as possible.

Specialized Skill and Knowledge

At the current stage of the Company's development, the nature of its business requires specialized skills, knowledge and technical expertise. Such skills and knowledge currently include the areas of geology, management, exploration programs, finance and accounting, engineering, mineral processing, and environmental management and compliance. In addition to the specialized skills listed above, the Company relies on staff members, contractors and consultants with specialized knowledge of logistics and operations in the Czech Republic and local community relations. In order to attract and retain personnel with the specialized skills and knowledge required for the Company's operations, the Company maintains competitive remuneration and compensation packages. To date, the Company has been able to meet its staffing requirements.

Competition

The Company competes with other exploration companies for the acquisition of mineral claims and other mineral interests, as well as for the recruitment and retention of qualified employees or consultants with the technical expertise to find, develop, and operate such properties. Competition in the mining, mineral processing and waste re-processing industry is intense, and includes competition for technical expertise and for capital to fund evaluation and development projects. Further, the Company competes for markets for its proposed manganese products with companies that may be better funded, have lower production costs, have stronger relationships with consumers of manganese and which are better capable of securing access to markets for their competing manganese products. Such competition may result in the Company being unable to acquire or develop desired properties, to recruit or retain qualified employees and consultants or to attract the capital necessary to fund its operations and develop its properties. The Company's inability to compete with other companies for these resources could have a material adverse effect on its business, financial condition, results of operations, cash flows or prospects. See "*Risk Factors – Competition*".

Employees

As at the end of the most recent financial year, September 30, 2018, the Company and its subsidiaries employed a total of ten employees, including four executive officers, three of which were located in Vancouver, Canada. Subsequent to that date, the Company added one additional executive officer in Vancouver. The Company also employs consultants on an as-needed basis.

Environmental Protection

All phases of the Company's operations are subject to environmental regulation. Environmental legislation is evolving in a manner which requires increasingly strict standards and enforcement, increased fines and penalties for non-compliance, more stringent environmental assessments of proposed projects and a heightened degree of responsibility for corporations and their officers, directors and

employees. There is no assurance that future changes in environmental regulation, if any, will not adversely affect the Company's operations, including its ability to develop the Chvaletice Manganese Project, capital and operating expenditures, earnings and competitive position.

As further outlined in the Technical Report, the area covered by the Chvaletice Manganese Project tailings has been significantly impacted by past mining and other heavy industrial activities. Czech law exempts land owners and developers from impacts prior to 1989. Mining activity at the Chvaletice Manganese Project predates 1975. The Company is, however, responsible for any new disturbances and impacts that it may cause.

Environmental baseline studies have been in progress since the summer of 2016. These include hydrological sampling and monitoring, as well as fauna and flora surveys.

During the fiscal year 2017, the Company was provided with a report identifying the local requirements and permits required for the project. Local regulatory requirements discussed therein included the permitting process and Czech environmental regulations, standards and best practices for an Environmental Monitoring and Management Plan, including waste water, waste and tailings storage, air, noise and other environmental regulations. A time schedule for the process of an environmental impact assessment, environmental permits and building permits was provided, which suggests that permitting could take approximately 16 months from the time an Environmental Impact Assessment report and permit application is filed.

The Company has initiated pro-active and regular consultation with community stakeholders, which are expected to intensify as the evaluation and planning for the Chvaletice Manganese Project advances. The Company's subsidiary, Mangan, opened a Project Information Center in November 2017 in the Town of Chvaletice's Municipal Culture House to provide local residents with opportunities to learn about the Chvaletice Manganese Project and to provide feedback and suggestions.

Due to the location of the Chvaletice Manganese Project on the shore of the Labe River, there is potential for environmental sensitivities related to run-off and potential impacts to local groundwater and the Labe River. Adequate additional baseline environmental data collection and planning will be required to ensure the effects to the receiving environment are well understood. This baseline work has been initiated, as discussed above, and is ongoing.

Czech Republic

The Chvaletice Manganese Project is located in the Czech Republic, a member country of the European Union ("EU"). The official language of the Czech Republic is Czech, and the currency is the Czech koruna. The Czech Republic split from Slovakia in January 1993 and is now a stable, modern democracy with a free market economy. Mineral exploration activity in the Czech Republic has increased recently, driven largely by a search for battery making raw materials such as lithium and cobalt.

Through local laws, regulations and standards, which have been harmonized with those that prevail in the EU, the country has robust environmental regulations and a well-informed and engaged population that cares about the health of its environment and the diversity of its ecosystems. The Czech Republic also has a highly-educated, skilled and productive workforce capable of supporting a multitude of technologically advanced industries.

Corporate income tax in the Czech Republic at a rate of 19% will apply to the profits generated by all companies, including branches of foreign companies. Czech resident companies are required to pay corporate income tax on income derived from worldwide sources and non-resident companies are subject to taxation on income sourced in the Czech Republic. There are no regional or local income taxes in the Czech Republic. Additionally, Czech companies are required to withhold tax on payments

of dividends to non-residents in the amount of 15%, unless the recipient is a company that owns at least a certain amount of the capital or a certain amount of the voting shares of the company paying the dividend directly, such as Euro Manganese, in which case the withholding is reduced to 5%. The Czech Republic imposes royalties on the extraction of minerals, and the rate currently applicable for manganese is 2,308.43 Czech Koruna (approximately \$135) per tonne of manganese sold.

The Chvaletice Manganese Project is located approximately 90 kilometers east of the country's capital, Prague, in an area served by excellent infrastructure. The site has direct access to rail, road and a navigable river for transportation. It is also immediately adjacent to an 820-megawatt power station - an important node in the Czech national power grid - that provides the Chvaletice Manganese Project with direct and efficient access to competitively priced electrical power. The surrounding region is agrarian, yet industrialized, and a skilled workforce is available in the local market. In addition to the adjacent power station, within a radius of five kilometers of the Chvaletice Manganese Project site are two rock quarries, an industrial and municipal waste disposal site, metal and pre-cast concrete fabrication facilities, warehousing facilities, a plastic pipe manufacturer, a steel foundry and a ready-mix concrete plant. A commuter train trip from Prague to the nearby village of Chvaletice takes approximately one hour.

Despite the attractiveness of the Chvaletice Manganese Project being located in the Czech Republic, its activities are subject to the risks normally associated with the conduct of business in foreign countries. See "*Risk Factors – Country Risks*". The occurrence of one or more of these risks could have a material and adverse effect on the Company's profitability or the viability of its affected foreign operations, which could have a material and adverse effect on the Company's business viability, results of operations, financial condition and prospects.

Social or Environmental Policies

The Company emphasizes a safe and secure working environment for all of its employees, contractors and consultants, and recognizes the importance of operating in a sustainable manner. The Company has adopted a Code of Ethics and Business Conduct (the "**Code**"), which sets out the standards which guide the conduct of its business and the behavior of its directors, officers, employees and consultants. All new employees must read, and acknowledge that they will abide by, the Code when hired. The Code, among other things, sets out standards in areas relating to the Company's: commitment to health and safety in its business operations; compliance with applicable occupational health and safety laws and regulations; promoting and providing a work environment in which individuals are treated with respect, and is free of all forms of discrimination and abusive and harassing conduct; providing employees with equal opportunity; and ethical business conduct and legal compliance.

The Code also requires the Company to conduct its exploration, development and mining operations using environmental best practices with a goal of protecting human health, minimizing impact on the ecosystem and returning exploration and mining sites to a high environmental standard, and always in compliance with all applicable environmental laws and regulations. Further, the Code requires that the Company conduct its operations with a view to respecting and enhancing the economic and social situations of the communities in which the Company operates.

The Company has also adopted a Whistleblowing Policy wherein employees and consultants of the Company are provided with the mechanics by which they may raise concerns with respect to falsification of financial records, unethical conduct, harassment, theft, and violation of the Code, or any other "wrong-doing" in a confidential, anonymous process. The Whistleblower Policy provides employees and contractors with information regarding who to contact with a complaint, how the Company will respond to a complaint, and timeframes for the Company to respond (the "**Whistleblower Policy**"). The Company will respect the confidentiality of any whistle blowing complaint received by the Company where the complainant requests that confidentiality.

CHVALETICE MANGANESE PROJECT.

The Chvaletice Manganese Project is the Company's only material mineral property. Please refer to the Technical Report filed on the Company's SEDAR profile, for detailed disclosure relating to:

- Project Description and Location;
- History;
- Geological Setting and Mineralization
- Deposit Types;
- Exploration;
- Drilling;
- Sampling Preparation, Analyses and Security;
- Data Verification;
- Mineral processing and metallurgical testing; and
- Mineral resource estimates.

The following is the extracted summary section from the Technical Report prepared by Mr. James Barr, P. Geo, Senior Geologist, and Mr. Jianhui (John) Huang, Ph.D., P. Eng., Senior Metallurgical Engineer, both with Tetra Tech and both of whom are "qualified persons" under NI 43-101, and is subject to any updated information contained elsewhere in this AIF. The Technical Report is incorporated by reference herein and for full technical details, reference should be made to the complete text of the Technical Report. Additionally, section 1.5 – "*Recommendations*" of the summary section of the Technical Report is not included below as the recommendations to conduct a phase 1 geological investigation, representing in-fill drilling, analysis and professional fees, has substantially been completed as of the date of this AIF. Similarly, the recommended metallurgical testing program included in the summary section of the Technical Report has also substantially been completed as of the date of this AIF.

The following summary does not purport to be a complete summary of the Chvaletice Manganese Project and is subject to all the assumptions, qualifications and procedures set out in the Technical Report and is qualified in its entirety with reference to the full text of the Technical Report. Readers should read this summary in conjunction with the Technical Report.

Summary

The Chvaletice Manganese Project (CMP) is located in the western area of the Pardubice region of the Czech Republic, approximately 89 km by road east of Prague, on the southern shore of the Labe River (Figure 1-1). The CMP contemplates reprocessing of fine-grained tailings material for production of high purity, selenium-free, 99.9% electrolytic manganese metal (EMM) and/or high purity manganese sulphate monohydrate (HPMSM) at a hydrometallurgical refinery expected to be located near the tailings. The tailings were deposited into three separate tailings cells, referred to as Cell 1, Cell 2 and Cell 3 from historical mining and processing activities. The Chvaletice Property (the Property) is the subject of two exploration licences, numbered 631/550/14-Hd and MZP/2018/550/386-Hd (together the "Exploration Licences") and a Preliminary Mining Permit, numbered MZP/2018/550/387-HD, which is registered to include mineral rights over an area of 0.98 km² (98 ha, encompassing all three tailings cells) (Figure 1-2).

Mangan Chvaletice sro (Mangan) retained Tetra Tech Canada Inc. (Tetra Tech) to prepare a Technical Report and to undertake a mineral resource estimate based on the data generated from work completed to date. This report and mineral resource estimate has been prepared for the CMP in accordance with National Instrument 43-101 (NI 43-101) guidelines and following CIM Best Practices. The effective date for this report is April 27, 2018. In accordance with NI 43-101 guidelines, the QPs for this report are

Mr. James Barr, P.Geo., Senior Geologist, and Mr. Jianhui Huang, Ph.D., P.Eng, Senior Metallurgical Engineer, both with Tetra Tech.

The Exploration Licences and the Preliminary Mining Permit are held by Mangan (a private company established in the Czech Republic as a partnership between GET s.r.o. (GET), Geomin s.r.o. (Geomin), and Orex Consultants s.r.o. (Orex). Euro Manganese Inc. (EMI) owns 100% of Mangan. Terms of the purchase agreement dated May 2016 included transfer of an exploration licence, number 631/550/14-Hd, from GET to Mangan and purchase of 100% of Mangan by EMI. On May 4, 2018, the Czech Ministry of Environment issued Mangan an additional exploration licence, MZP/2018/550/386-Hd, allowing it to drill the slopes on the perimeter of the tailings piles. The additional exploration license became effective May 23, 2018 and is valid until May 31, 2023. Further, in April 2018, Mangan was issued a Preliminary Mining Permit, valid until April 30, 2023, and covering the areas included in the Exploration Licences. The Preliminary Mining Permit is a precursor to applying for a Mining Permit and grants EMI the right to conduct an Environmental Impact Assessment. A net smelter royalty (NSR) agreement with a total aggregate amount of 1.2% is held by the original shareholders of Mangan, which was granted as part of the purchase transaction by EMI for 100% ownership of Mangan.

At present, Mangan does not hold surface rights to the CMP area, which are considered as those lands of original ground elevation surrounding, and those parcels of original ground underlying and immediately surrounding, Cells 1, 2, and 3. The area of interest for the CMP overlies 18 privately owned land parcels with surface rights. Mangan received the consent to conduct exploration activities and to access the site from the land owners whose surface properties underlie the tailings

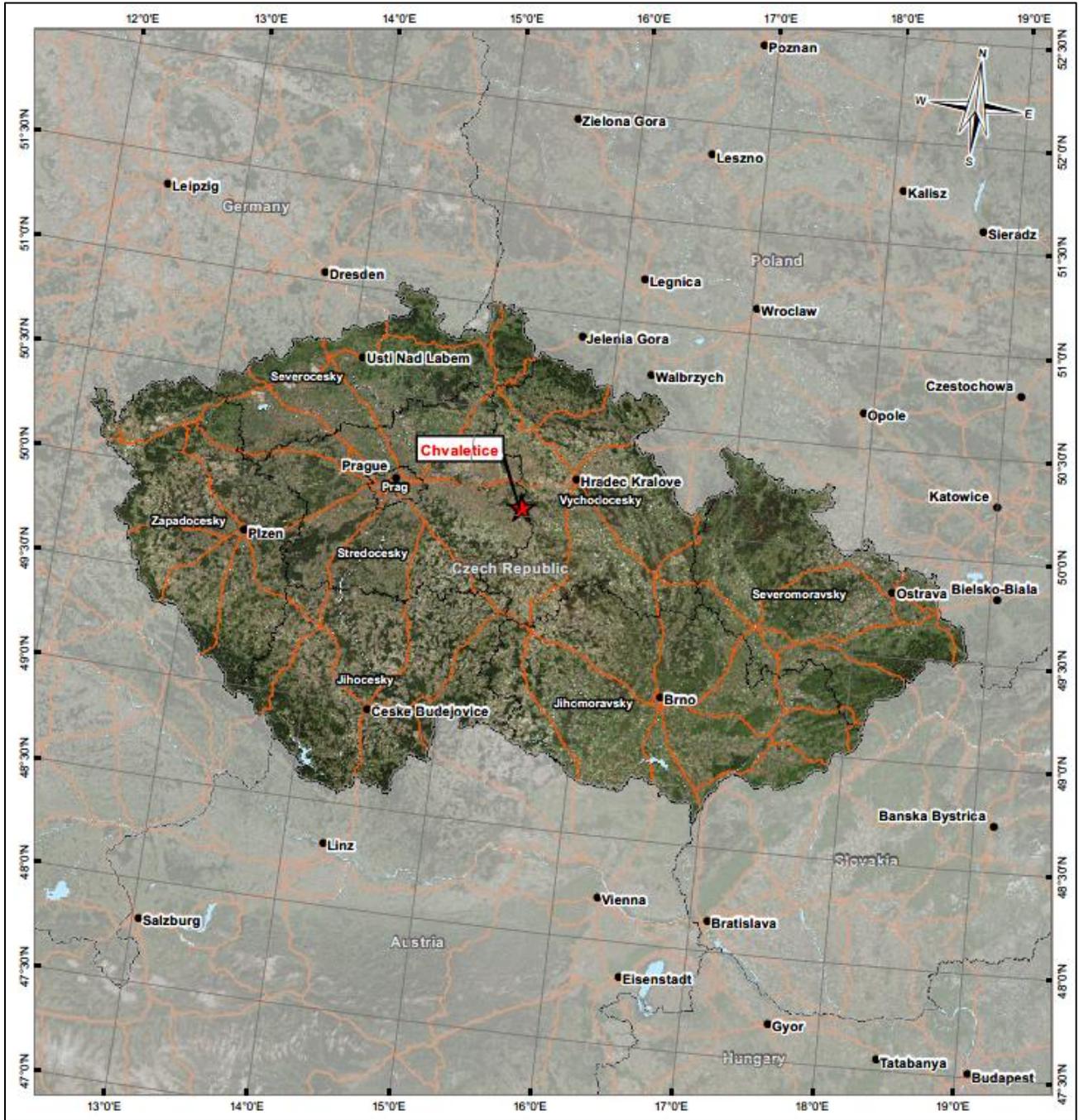
Infrastructure in the vicinity of, and accessible to, the CMP includes highways, a major rail corridor, water supply, a pre-cast concrete plant operated by Eurobeton, and an 800 MW lignite coal-fired power station operated by Severní Energetická a.s.

A significant skilled and trainable labour workforce is accessible in the nearby communities, including the villages of Chvaletice (population of 3200) and Trnavka (population 250) and the nearby towns and cities of Kutna Hora (population 21,000), Kolin (population 31,000), Pardubice (population 89,000), Hradec Kralove (population 93,000), and Prague (population 1,200,000).

Mining supplies, services and technical expertise can be found mainly in Prague and Pardubice.

Environmental baseline and hydrogeological studies have been initiated and are ongoing for the project. The work includes monitoring of groundwater conditions underlying the tailings which have been identified to have been impacted by the history of industrial activity in the area.

Figure 1-1 : Location of the Chvaletice Manganese Project



1.1 History

Historical mining in the region dates back to approximately 677 AD through to medieval times according to records of iron (Fe) production from local mines. Intermittent mining for iron in the region continued through until the mid-19th Century, when iron and manganese (Mn) minerals near Chvaletice were discovered. Systematic underground mining within the Chvaletice Mine produced manganese between the years 1915 and 1945. Thereafter, from 1951 to 1975, milling operations occurred for the recovery of pyrite as basic raw material for the production of sulphuric acid, which produced the three adjacent

tailings deposits. Conversion from underground to bulk tonnage open pit mining occurred during this period, during which time an estimated 32 Mt of material was mined for pyrite, with approximately 20 Mm³ of waste rock deposited on the spoil heaps, and over 17 Mm³ of flotation waste was placed into the unlined tailing ponds. These tailings ponds are the target of the CMP and are referred to as Cells 1, 2, and 3. Mining and production of tailings material was terminated in 1975.

An extensive evaluation of the tailings material was conducted between April 1986 and July 1988 by Bateria Slany, the former Czechoslovakian, State-owned manufacturer of batteries, for the potential manufacture of electrolytic manganese dioxide (EMD). The results from their investigation included a "reserve calculation", currently registered as the "Řečany – Tailings Pond 3" and "Chvaletice – Tailings Ponds 1, 2" as a "State Reserve" with the Czech Republic Government. This historical calculation comprised 27,557,441 tonnes of "reserves", containing 25,496,299 tonnes at a grade of 5.15% leachable Mn (7.06% total Mn) at a "C2" category, and 2,061,143 tonnes of material average grade of 4.97% of leachable Mn (7.39% total Mn) at a "C1" category. The definition of C2 and C1 categories references a system developed in the Czech Republic for classification of minerals "resources" and "reserves", where resources classified as C1 are supported in greater detail than those that are classified as C2. The Czech system differs significantly from the classification system defined under the CIM Terms and Definitions as referenced by National Instrument 43-101 and cannot be misconstrued to imply a similar level of confidence. This historical calculation cannot be relied upon as being accurate.

1.2 Geology and Mineralization

The cells are estimated to contain approximately 19.5 Mm³ of material, with approximately 17.5 Mm³ comprised of silt and clay sized particulate tailings material. The remaining estimated 2 Mm³ is native soils that were used for dam construction and reclamation topsoil. Cell 1 averages approximately 25 m thick, with a surface area of approximately 326,400 m², and has a volume of approximately 6,908,700 m³. Cell 2 averages approximately 26 m thick, with a surface area of approximately 393,200 m², and has a volume of approximately 8,198,500 m³. Cell 3 averages approximately 11 m thick, with a surface area of approximately 313,200 m², and has a volume of approximately 3,219,300 m³.

EMI began recent exploration activity on the Property in 2014, when a series of near surface samples were collected from auger holes and test pits for preliminary materials characterization. In June 2017, EMI initiated an 80-hole Sonic drilling campaign totaling 1,679.3 m within Cells 1, 2, and 3 to evaluate the mineral resource potential both horizontally and vertically through the full tailings profile, referred to as the 2017 Drilling Program. Drill hole spacing was approximately 100 m throughout each cell. The perimeter embankments of each cell were not safely accessible to the sonic drill rig and was not drilled. To verify the composition of the embankments, four additional drill holes were collared on access ramps. Each hole intersected a layer of topsoil with average thickness of approximately 1m, manganese bearing tailings material, and terminated in native basal soils at elevations consistent with other drill holes. Additionally, a resistivity and seismic survey was conducted over six survey lines across the tailings and the adjacent land. Information collected during the investigation will be used for the purposes of mineralogy; Mineral Resource estimation; and hydrological, geotechnical, metallurgical, environmental and process engineering.

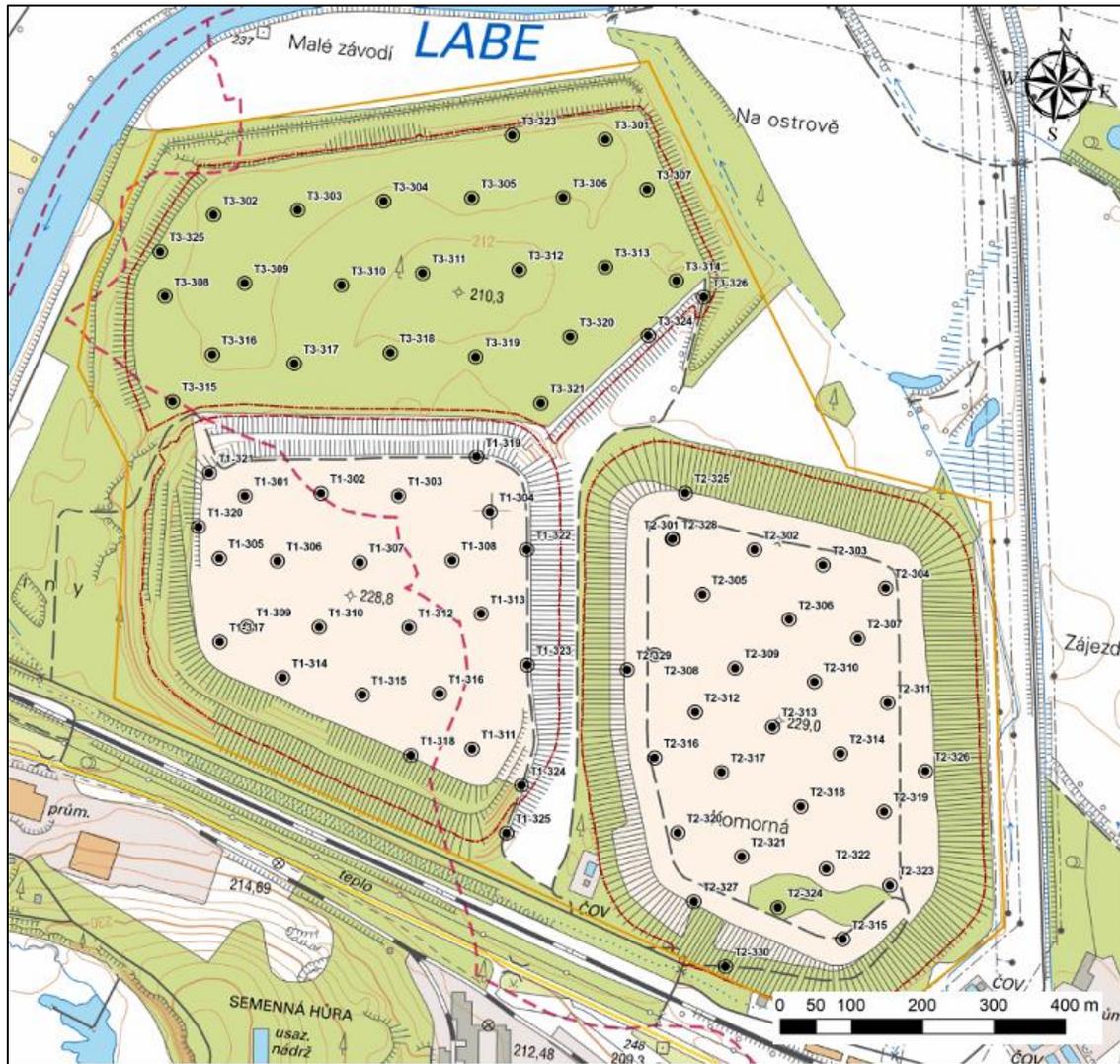
Samples were collected on intervals ranging from 0.9 m to 2.9 m with the average length representative of the 2 m core runs. Each sample was logged for lithology, moisture, particle size, wet mass, and recovery in the field. A total of 755 samples were split in the field. A 25% sub-sample split of each sample was shipped to SGS Mineral Services (SGS) laboratories in Bor, Serbia, for analysis and test work, and a 75% sub-sample was shipped to Changsha Research Institute of Mining and Metallurgy Co. Ltd. (CRIMM) in China, for bulk sample metallurgical and processing test work, respectively. A rigorous quality assurance

(QA) and quality control (QC) program was implemented by EMI, which included use of field duplicates, lab duplicates, insertion of three certified reference materials (CRMs), and insertion of two certified blank materials. Quality control methods were reviewed by Tetra Tech QP James Barr, P.Geo., during a two-day site visit to the property, and following receipt of analytical results Tetra Tech undertook compilation of the geological database, the verification of laboratory data and the QA/QC program for data validation. The Qualified Person (QP) is satisfied that the sampling method and analytical integrity has been preserved throughout sample handling, preparation, and the analytical process.

Analysis and testwork conducted on the samples, included:

- Multi-element assay using aqua regia and four acid digestions as proxy for soluble (smn) and total manganese (tmn) concentrations
- Whole rock analysis using fusion-x-ray fluorescence (XRF)
- Particle size analysis using laser diffraction and sieve/hydrometer methods
- Mass measurements
- Moisture measurements
- Specific gravity by pycnometer.

Figure 1-2: Tailings Cells and 2017 Drill Hole Layout



A preliminary in situ dry bulk density investigation was conducted by EMI in advance of the 2017 drilling program using a cylinder test method from near surface samples. This work was followed by in-depth calculation of in situ dry bulk density using core recovery volumes and dry mass using SGS laboratory measurements. Calculated in situ dry bulk density values for individual samples range between 0.74 t/m³ and 2.85 t/m³, with a mean value of 1.55 t/m³.

Manganese is primarily hosted in carbonate minerals with lesser amounts as silicate and oxide minerals, as identified by x-ray diffraction (XRD) analyses completed by EMI in 2015 and reported by AMEC in their initial investigation in 2016 (AMEC 2016). The analysis identified three manganese bearing minerals from tailings samples including rhodochrosite (MnCO₃); moderate proportions of spessartine (a nesosilicate, manganese aluminum garnet (Mn₃Al₂(SiO₄)₃); and ankerite/dolomite (manganese-substitution in a calcium (Ca)/magnesium (Mg) carbonate (Ca(Fe, Mg, Mn)(CO₃)₂). Subsequent Scanning Electron Microscope investigations work identified a rare and locally named mineral kutnohorite (Ca(Mn²⁺, Mg, Fe²⁺)(CO₃)₂), which forms a series with dolomite and ankerite. Additional manganese minerals which were identified in trace quantities include silicates such as sursassite (a manganese

bearing sorosilicate), pyrolusite (a manganese dioxide (MnO_2), and kurchatovite (calcium-magnesium-manganese-iron borate ($\text{Ca}(\text{Mg},\text{Mn},\text{Fe}^{2+})\text{B}_2\text{O}_5$).

Total sulphur concentration in the tailings averages approximately 3.1% which is sourced from sulphide, sulphate and organic sulphur origin. Total carbon concentrations average approximately 3.4%, which includes contributions from graphite, organic carbon and carbonate origins. Photos of core recovered from drill hole T1-312, near the core of Cell 1, are shown on Photo 1-1.

Photo 1-1: Core Photos from Drill Hole T1-312, from Depths 3-4 m, 9-10 m and 23-25 m



1.3 Mineral Resource Estimate

A three-dimensional model was constructed for Cells 1, 2 and 3 using a digital topographic model (DTM) compiled by GET using data from the 5th generation digital elevation model (DEM) 5G developed by the Land Survey Office in Prague from LiDAR data in the System Jednotne Trigonometricke Site Katastralni (S-JTSK) (Krovak East North) coordinate system and the Baltic Vertical Datum (Bpv). The topography has been used to constrain volume estimates for each cell.

Lithology logs were used to construct an upper contacting surface between tailings and topsoil, then used to construct a lower contact surface between tailings and native subsoil. The intervening volume defined the volume of tailings material in each cell and was used to constrain all laboratory analysis and test work data that was subsequently used to model various physical and chemical attributes of the tailings material.

Data analysis and modelling was undertaken using Aranz Leapfrog[®] Geo, Phinar x10 Geo, and Geovia GEMS[™] software. All sample data was composited to 2 m, and each cell was modelled separately. No capping was applied to any variable following inspection of the composited data.

Volume models were developed for physical parameters including grain size, in situ dry bulk density, and moisture content. Grain size was represented using D_{50} , D_{80} , D_{90} , which are the average diameter of the particles at the 50th, 80th and 90th percentiles, respectively, and using P_{75} which is the percentage of the sample that passes a standard 200 mesh, equivalent to a 75 μm nominal mesh. The model results show that particle size is gradational coarse to fine inwards in each cell and that a higher moisture content is contained within the finest particles mass at the center of each deposit. Average P_{75} for each cell ranged from 69.44% to 74.78%, indicating that the bulk of the material is silt size or smaller. In situ dry bulk density varies throughout each cell and is a function of the composite mineral densities in addition to the degree of compaction in the soils. Modelled in situ dry bulk density values ranged from 1.10 to 2.15 t/m^3 , with an overall average of 1.52 t/m^3 .

Total and soluble manganese concentrations were interpolated using a spherical interpolation method into a sub-block model with 50 m by 50 m by 4 m parent blocks, and 25 m by 25 m by 4 m sub-blocks. The dry in situ bulk density model was applied to the sub-block model to calculate block tonnages. The block model was classified and validated by Tetra Tech QP James Barr, P.Geo., using guidelines set forth by NI 43-101 and the Canadian Institute of Mining, Metallurgy and Petroleum (CIM) Best Practices resulting in Inferred and Indicated Mineral Resource estimates for each of the cells. The estimates are listed in Table 1-1 with an effective date of April 27, 2018.

Table 1-1: Mineral Resource Estimate for the Chvaltice Manganese Project, Effective April 27, 2018

Cell	Class	Volume (m ³ , '000s)	Tonnes (kt)	Bulk Density (t/m ³)	Total Mn (%)	Soluble Mn (%)
T1	Indicated	5,684	8,832	1.55	8.08	6.46
	Inferred	1,004	1,497	1.49	8.60	6.87
T2	Indicated	6,773	10,567	1.56	6.86	5.48
	Inferred	996	1,648	1.65	7.90	6.05
T3	Indicated	2,772	3,973	1.43	7.34	5.78
	Inferred	250	363	1.46	7.84	6.14
Total	Indicated	15,229	23,372	1.53	7.40	5.90
Total	Inferred	2,250	3,508	1.56	8.21	6.43

Notes:

- Mineral Resources do not have demonstrated economic viability but have reasonable prospects for eventual economic extraction. Inferred Resources have lower confidence than Indicated Resources. The estimate of Mineral Resources may be materially affected by environmental, permitting, legal, title, taxation, sociopolitical, marketing, or other relevant issues.
- A cut-off grade has not been applied. No capping has been applied.
- Numbers may not add exactly due to rounding.

1.4 Mineral Processing and Metallurgical Testing

Several preliminary metallurgical test programs have been carried out to investigate the mineralogical characteristics and assess the metallurgical responses of the tailings materials. The metallurgical test programs include the latest testing undertaken by EMI from 2015 through 2017 to investigate pre-concentration and acid leaching responses of various samples while the early testing by Bateria Slany, a Czechoslovak state battery producer, studied the production of EMD.

The preliminary mineralogical studies indicate that manganese is mainly present as rhodocrosite and as kutnohorite, with lesser amounts as sursassite, pyrolusite and kurchatovite (grouped as manganese-silicate minerals). The grain size of manganese-carbonates varies significantly with significant amounts occurring as liberated and middling grains, lesser amounts are present as sub-middling and locked grains. The manganese-carbonates are mainly in complex associations with other carbonates, quartz and feldspars, or manganese-silicate minerals. On average approximately 80 to 85% of the manganese is present as acid soluble manganese. Residual pyrite is also identified by the preliminary mineralogical studies.

The test results show that the mineralization responds well to high intensity magnetic separation, compared to the other pre-concentration treatments, such as flotation and gravity concentration. The investigation shows that when the magnetic field intensity is approximately 1.8 T, approximately 88% of the total manganese, or 87% for acid soluble manganese, reports to an 11% total manganese (tMn) concentrate. The ongoing test work on the overall composite sample generated from the 2017 drilling program shows that approximately 84% of the manganese was recovered into a 15% tMn concentrate at a magnetic field intensity of 1.8 T.

The preliminary acid leaching tests were conducted to investigate the metallurgical responses of the manganese minerals to sulphuric acid leaching. The results produced by SGS showed that at 50°C, 58 to 79% of the manganese was extracted from the Sample 10 and Sample 11 blended head sample depending on acid addition dosage. Up to 77% of the manganese in the magnetic concentrate sample was extracted with adding 500 kg/t sulphuric acid. The magnetic separation tailings showed much better metallurgical response.

Preliminary process development studies have conducted by AMEC and CINF Engineering Co., Ltd. (CINF). The proposed flowsheet includes the following main process circuits:

- Whole tailings material acid leaching.
- Iron and phosphorous precipitations.
- Leaching residue solid and liquid separation.
- Residue washing with manganese and ammonia recovery.
- Leaching pregnant solution purification, including heavy metal precipitation.
- Manganese electrowinning, manganese metal passivation, stripping from cathode plates.
- Magnesium removal from spent anolyte.

CINF and Tetra Tech are carrying out further process flowsheet development and optimization, including evaluation of magnetic separation treatment to pre-concentrate the leaching feed.

RISK FACTORS

An investment in the Shares should be considered highly speculative due to the nature of the Company's business and its earlier stage of development. Investments in mineral exploration and development issuers, such as the Company, involve a significant degree of risk. The exploration and development of the Chvaletice Manganese Project is highly speculative, characterized by significant inherent risk and may not be successful. Metal prices are also subject to significant volatility, which affects the economic viability of the Chvaletice Manganese Project. Anyone investing in the Company must rely on the ability, expertise, judgement, discretion, integrity and good faith of the management of the Company. There is no

guarantee that the Company will be able to secure financing to meet the future development needs of its mineral projects.

The risks and uncertainties described below are not the only risks and uncertainties that the Company faces. Additional risks and uncertainties of which the Company is not aware or that the Company currently believes to be immaterial may also adversely affect the Company's business, financial condition, results of operations or prospects. If any of the possible events described below occur, the Company's business, financial condition, results of operations or prospects could be materially and adversely affected.

This AIF also contains forward-looking statements that involve risks and uncertainties. The Company's actual results may differ materially from those anticipated in these forward-looking statements as a result of various factors, including the risks described below and elsewhere in this AIF. See "*Forward Looking Statements*".

Risks Relating to the Business of the Company and Industry-related Risks

Mineral Exploration and Development is a Highly Speculative Business and most Exploration Projects do not Result in the Discovery of Commercially Mineable Deposits

Exploration for minerals is a highly speculative venture necessarily involving substantial risk. The expenditures made by the Company described herein may not result in discoveries of commercial quantities of minerals. The failure to find an economic mineral deposit on the Chvaletice Manganese Project will have a negative effect on the Company.

The Company's Chvaletice Manganese Project is primarily at the exploration stage and thus, has no known commercial quantities of minerals. Development of mineral properties involves a high degree of risk and few properties that are explored are ultimately developed into commercially operating projects. The commercial viability of a mineral deposit is dependent upon a number of factors which are beyond the Company's control, including the attributes of the deposit, commodity prices, government policies and regulation and environmental protection. Fluctuations in the market prices of minerals may render resources and deposits containing relatively lower grades of mineralization uneconomic. Further exploration or delineation will be required before a final evaluation as to the economic and legal feasibility of any of the Company's properties is determined. Even if the Company completes its exploration programs and is successful in identifying mineral deposits, it will have to spend substantial funds on further drilling and engineering studies before it will know if it has a commercially viable mineral deposit. Most exploration projects do not result in the discovery of commercially mineable mineral deposits.

Estimates of reserves and resources, mineral deposits and production costs can be affected by such factors as environmental permit regulations and requirements, indigenous communities' rights, weather, environmental factors, unforeseen technical difficulties, unusual or unexpected geological formations and work interruptions. As a result, there is a risk such estimates are inaccurate. For example, the Technical Report includes a resource estimate prepared by Tetra Tech in accordance with NI 43-101. The grade of metals ultimately discovered may differ from the indicated drilling results. If the grade of the resource was lower, there would be a negative impact on the economics of the Chvaletice Manganese Project. There can be no assurance that precious metals recovered in small-scale tests will be duplicated in large-scale tests under on-site conditions or in production scale. If a property does not contain any reserves, any funds spent on exploration of that property will be lost. The failure of the Company to find an economic mineral deposit on any of its exploration concessions will have a negative effect on the Company.

None of the Properties in which the Company has an Interest has any Mineral Reserves

Currently, there are no mineral reserves (within the meaning of NI 43-101) on the Company's Chvaletice Manganese Project. See "*Chvaletice Manganese Project*." Only those mineral deposits that the Company can economically and legally extract or produce, based on a comprehensive evaluation of cost, grade, recovery and other factors, are considered mineral reserves. The resource estimates contained in the Company's technical reports are indicated and inferred resource estimates only and no assurance can be given that any particular level of recovery of manganese or other minerals from mineralized material will in fact be realized or that an identified mineralized deposit will ever qualify as a commercially mineable mineral deposit. In particular, inferred mineral resources have a great amount of uncertainty as to their existence, and great uncertainty as to their economic and legal feasibility. Further, substantial additional work would be required in order to determine if any economic deposits exist on the Company's properties and substantial expenditures would be required to establish mineral reserves through drilling and metallurgical and other testing techniques. The costs, timing and complexities of upgrading the mineralized material to proven or probable reserves may be greater than the value of the Company's reserves on a mineral property and may require the Company to write-off the costs capitalized for that property in its financial statements. The Company cannot provide any assurance that future feasibility studies will establish mineral reserves at its properties. The failure to establish mineral reserves could restrict the Company's ability to successfully implement its strategies for long-term growth.

Estimates of Mineral Resources are based on Interpretation and Assumptions and are Inherently Imprecise

The mineral resource figures referred to in the Technical Report have been determined and valued based on assumed future prices, cut-off grades and operating costs. However, until mineral deposits are actually extracted and processed, any mineral resources must be considered as estimates only. Estimates can be imprecise and depend upon geological interpretation and statistical inferences drawn from drilling and sampling analysis, which may prove to be unreliable. In addition, the grade and/or quantity of metals ultimately recovered may differ from that indicated by drilling results. There can be no assurance that metals recovered in small-scale tests will be duplicated in large-scale tests under on-site conditions or in production scale. The grade of the reported mineral resource estimates is uncertain in nature and it is uncertain whether further technical studies will result in an upgrade to them. Any material change in the quantity of mineralization, grade or mineralization to waste ratio or extended declines in market prices for manganese may render portions of the Company's mineralization uneconomic and result in reduced reported mineralization. Any material reductions in estimates of mineralization, or of the Company's ability to extract this mineralization, could have a material adverse effect on the Company's results of operations or financial condition.

The Company's Rights and Title to its Mineral Properties may be Challenged

The granting and transfer, by the Czech authorities, of the original Chvaletice Manganese Project's exploration license to Mangan and its predecessor holders was reviewed by the Company prior to the acquisition of Mangan. The Company was granted a second exploration license on May 4, 2018 covering the slopes on the perimeter of the tailings piles and was granted a Preliminary Mining Permit on April 17, 2018 covering the areas included in the exploration licenses. Although the Company believes the Preliminary Mining Permit along with the Licenses secure Mangan's rights for the entire deposit, there still may be undetected title defects affecting such mineral rights. Third parties may have known or unknown valid claims underlying portions of the Company's interests, including claims from prior holders of mineral interests in the same area or technical defects in the granting or approval of mineral interests or in the transfers of any mineral interest. Title may be affected by, among other things, undetected defects, including legal defects, which could have a material adverse effect on the Company's results of operations or financial condition.

Rights to use the Surface of the Company's Mineral Properties are not Guaranteed

The Company does not control the surface rights over the claims which comprise its Chvaletice Manganese Project. Some surface rights are owned by local communities, some surface rights are owned by private residential interests, and there are potential overlapping surface usage issues in some areas. The Company may be required to negotiate the acquisition of surface rights, leases, rights of way, or other arrangements in those areas where it may wish to develop its operations. There is no guarantee that areas needed for extractive activities, including potential waste disposal, infrastructure, or areas for processing plants and related facilities, will be available. The Company's interest in the Chvaletice Manganese Project could be adversely affected by delays or an inability to obtain surface access rights, or by challenges, regardless of merit, to existing surface access agreements.

No Guarantee that Licenses and Permits required by the Company will be Obtained or Renewed

The original Chvaletice Manganese Project exploration license expires September 30, 2019. On 12 October 2018, Mangan submitted an application for the renewal and extension of this license and, as of 30 November 2018, the deadline for any objections by the Ministry, no objections had been received by Mangan. As a result, the Company expects the renewal and extension will be granted in due course. A second exploration license, issued May 4, 2018, covering the slopes on the perimeter of the tailings piles expires May 31, 2023. Should additional exploration and evaluation work be anticipated after these dates, the Company will be required to renew or extend the Licenses prior to their expiration. Further, the Company's Preliminary Mining Permit which was issued on April 17, 2018, expires April 30, 2023. Although the Company considers this permit to a key step towards final permitting for the project, it will still require additional approvals and permits from various governmental authorities relating to, among others, the following (i) mineral extraction and exploitation rights; (ii) water use rights; (iii) maintenance of title; (iv) employees; (v) health and safety; (vi) repatriation of capital and exchange controls; and (vii) permits relating to the construction of infrastructure required for the project. Material delays or failure to receive these additional permits may result in the expiration, loss or cancellation of the Company's rights.

Companies engaged in mineral extraction and operation of related processing facilities generally experience increased costs and delays in production and other schedules as a result of the need to comply with the applicable laws, regulations and permits. There can be no assurance that all future permits which the Company may require for the construction of the Chvaletice Manganese Project facilities and conduct of processing operations will be obtainable on reasonable terms, if at all, or that such laws and regulations would not have an adverse effect on any mineral project which the Company might undertake.

Failure to comply with applicable laws, regulations and permitting requirements may result in enforcement actions including orders issued by regulatory or judicial authorities causing operations to cease or be curtailed, and may include corrective measures requiring capital expenditures, care and maintenance, installation of additional equipment or remedial actions. Parties engaged in the extraction of minerals may be required to compensate those suffering loss or damage by reason of its activities and may have civil or criminal fines or penalties imposed upon them for violation of applicable laws or regulations.

Amendments to current laws, regulations and permits governing operations and activities of companies in the recovery of minerals, or more stringent implementation thereof, could have a material impact on the Company and cause increases in capital expenditures or production costs or reduction in levels of production at producing properties or require abandonment or delays in the development of new mining properties.

Substantial Capital Expenditures Required

Substantial expenditures are required to establish ore reserves through drilling, to develop metallurgical processes to extract metal from the ore and, in the case of new properties, to develop the extraction and processing facilities and infrastructure at any chosen site. Although substantial benefits may be derived from the discovery of a major mineralized deposit, no assurance can be given that minerals will be discovered in sufficient quantities to justify commercial operations or that the funds required for development can be obtained on a timely basis or on terms acceptable to the Company.

The discovery of mineral deposits is dependent upon a number of factors. The commercial viability of a mineral deposit once discovered is also dependent upon a number of factors, some of which relate to particular attributes of the deposit, such as size, grade and proximity to infrastructure, and some of which are more general factors such as metal prices and government regulations, including environmental protection. Most of these factors are beyond the Company's control. In addition, because of these risks, there is no certainty that the expenditures to be made by the Company on the exploration of the Company's mineral properties as described herein will result in the discovery of commercial quantities of ore.

Access to Infrastructure, Critical Supplies, and Utilities, Including Power and Water

The exploration, extraction, processing and development of mineral projects depend, to one degree or another, on adequate infrastructure. Reliable roads, power sources and particularly water supply are important determinants that affect capital and operating costs. Process reagents, as well as critical infrastructure equipment, may need to be imported. An inability to create or access such infrastructure due to weather phenomena, sabotage, government or other interference could adversely affect the operations, profitability, financial condition, results of operations and prospects of the Company. The Company will need to ascertain whether the power and ground water and/or surface water currently present on or near its current projects will be available and sufficient to support future mineral processing operations.

Fluctuations in the prices and availability of commodities consumed in connection with exploration activities or used as part of development and processing activities, such as natural gas, diesel, oil, electricity, sulphuric acid and other reagents can significantly impact the operating cost of exploration and mineral extraction activities. These price fluctuations can be unpredictable, can occur over short periods of time and may have a materially adverse impact on operating costs or the timing of future costs.

Management Experience and Dependence on Key Personnel and Employees

The Company's success is currently largely dependent on the performance of the Company's directors and officers. The Company's management team has experience in the resource exploration and development business. The experience of these individuals is a factor which will contribute to the Company's continued success and growth. The Company will initially be relying on the Company's employees, board members, as well as independent consultants, for certain aspects of the Company's business. The amount of time and expertise expended on the Company's affairs by each of the Company's management team and the Company's directors will vary according to the Company's needs. The Company does not intend to acquire any key man insurance policies and there is, therefore, a risk that the death or departure of any member of management, the Company's board, or any key employee or consultant, could have a material adverse effect on the Company's future. Investors who are not prepared to rely on the Company's management team should not invest in the Company's securities.

Uncertainty of Additional Funding

Sufficient funding may not be available to the Company for further exploration and development of its property interests. Failure to obtain such additional financing could result in delay or indefinite postponement of further exploration and development of the Company's properties. Accordingly, additional financing will be required to operate its business and to continue with exploration on its properties, and additional capital may not be available when needed, if at all, or be available on terms favourable to the Company. Any unexpected costs, problems or delays could severely impact the Company's ability to continue exploration and development activities and obtain additional financing.

Negative Cash Flow, No History of Production and No Revenue from Operations

The Company has a limited history of operations, with no revenues and no history of earnings, cash flow or profitability. The Company has had negative operating cash flow since the Company's inception, and the Company will continue to have negative operating cash flow for the foreseeable future given that the Chvalětice Manganese Project is still at the exploration and evaluation stage. As such, the Company is subject to many risks common to such enterprises, including under-capitalization, cash shortages, limitations with respect to personnel, financial and other resources and lack of revenues. The Company has no source of operating cash flow and no assurance that additional funding will be available for further exploration and development of the Chvalětice Manganese Project when required. No assurance can be given that the Company will ever attain positive cash flow or profitability.

The Company relies on International Advisors and Consultants

The Company conducts its exploration activities in the Czech Republic. The legal and regulatory requirements in this country with respect to conducting mineral exploration and mining activities, banking system and controls, as well as local business culture and practices are different from those in Canada and the United States. The officers and directors of the Company must rely, to a large extent, on the Company's local legal counsel and local consultants retained by the Company in order to keep abreast of material legal, regulatory and governmental developments as they pertain to and affect the Company's business operations, and to assist the Company with its governmental relations. The Company must rely, to some extent, on those members of management and the Company's board of directors who have previous experience working and conducting business in the Czech Republic in order to enhance its understanding of and appreciation for the local business culture and practices. The Company also relies on the advice of local experts and professionals in connection with current and new regulations that develop in respect of banking, financing, labour, litigation and tax matters in this jurisdiction. Any developments or changes in such legal, regulatory or governmental requirements or in local business practices are beyond the control of the Company. The impact of any such changes may adversely affect the business of the Company.

Operating Hazards and Risks

Mineral exploration and development involve risks, which even a combination of experience, knowledge and careful evaluation may not be able to overcome. Operations in which the Company has a direct or indirect interest will be subject to hazards and risks normally incidental to exploration, development and production of minerals, any of which could result in work stoppages, damage to or destruction of property, loss of life and environmental damage.

The Company currently carries a US\$5 million general liability policy to insure against such risks, and also ensures that its contractors have adequate insurance coverage. However, the nature of these risks is such that liabilities might exceed any insurance policy limits, the liabilities and hazards might not be insurable, or the Company might not elect to insure ourselves against such liabilities due to high premium

costs or other factors. Such liabilities may have a materially adverse effect upon the Company's financial condition.

Competition

The mineral exploration and extraction industry is intensely competitive. The Company competes with other mining companies, many of which have greater financial resources and technical expertise. Competition in the mining industry is primarily for: (i) properties which can be developed and can produce economically; (ii) the technical expertise to find, develop, and operate such properties; (iii) labour to operate such properties; and (iv) capital to fund such properties. Such competition may result in the Company being unable to acquire desired properties, to recruit or retain qualified employees and consultants or to acquire the capital necessary to fund its operations and develop its properties. The Company's inability to compete with other mining companies for these resources could have a material adverse effect on the Company's business, financial condition, results of operations, cash flows or prospects.

Many competitors not only explore for and mine minerals but conduct refining and marketing operations on a worldwide basis. In the future, the Company may also compete with such mining companies in refining and marketing its products to international markets. Any inability to successfully compete with established competitors could also have a material adverse effect on the Company's business, financial condition, results of operations, cash flows or prospects.

Country Risks

The Chvalteice Manganese Project is located in the Czech Republic and therefore its activities are subject to the risks normally associated with the conduct of business in foreign countries. Investors should note that the Czech Republic is not a country with a rich mining history and projects in other nearby Eastern European countries have encountered substantial resistance from local communities at the time of development. The occurrence of one or more of these risks could have a material and adverse effect on the Company's profitability or the viability of its affected foreign operations, which could have a material adverse effect on the Company's business, results of operations, financial condition and prospects.

The Company's ability to carry on its business in the normal course in the Czech Republic may be adversely affected by political and economic considerations such as civil unrest, war (including in neighbouring states), terrorist actions, labour disputes, fraud, theft, corruption, sovereign risk, political instability, the failure of foreign parties or governments to honour contractual relations, consents, rejections or waivers granted, changing (or arbitrary) government regulations with respect to mineral processing including environmental requirements, the declaration of high-purity manganese products as strategic commodities, taxation, land tenure, foreign investments, income repatriation and capital recovery, fluctuations in currency exchange and inflation rates, import and export restrictions, challenges to the Company's title to properties, problems renewing licenses and permits, opposition to mineral extraction and processing from environmental or other nongovernmental organizations, increased financing costs, instability due to economic under-development, inadequate infrastructure, and the expropriation of property interests. In addition, the Czech Republic government, or its court system, may not recognize, protect or enforce the Company's legal rights. The Government may take action which is arbitrary or illegal under Czech, European Union or International Law. Any of these events could result in conditions that delay or prevent the Company from exploring, developing, or ultimately operating its mineral projects.

While the Company believes that the political climate in the Czech Republic provide a suitable environment for its proposed operations, there is no guarantee against the possibility that the current, or a future, government may adopt substantially different policies or take arbitrary action which might halt

exploration, involve the re-nationalization of private assets or the cancellation of contracts, the cancellation of mineral exploration, extraction and processing rights and/or changes in taxation treatment cannot be ruled out, any of which could result in a material and adverse effect on the Company's business, results of operations, financial condition and prospects.

The Company may be subject to Legal or Illegal Opposition and Legal Proceedings

The Company may be subject to regulatory investigations, civil claims, lawsuits and other proceedings in the ordinary course of its business. The results of these legal proceedings cannot be predicted with certainty due to the uncertainty inherent in regulatory actions and litigation, the difficulty of predicting decisions of regulators, judges and juries and the possibility that decisions may be reversed on appeal. Defense and settlement costs of legal disputes can be substantial, even with claims that have no merit. Management is committed to conducting business in an ethical and responsible manner, which it believes will reduce the risk of legal disputes. However, if the Company is subject to legal disputes, there can be no assurances that these matters will not have a material adverse effect on the Company's business, rights, financial condition, results of operations, cash flows or prospects.

Additionally, the Czech legal system is relatively young and continues to evolve at a rapid pace. Accordingly, there is often limited jurisprudence and authoritative opinion on commercial issues, which in turn makes legal outcomes less predictable. It may also be noted that European Union law continues to evolve in terms of interpretation and application to local laws and contracts governed thereunder. Furthermore, the legal system in the Czech Republic, like any country, has inherent uncertainties that could limit the legal protections available to the Company, which include: (i) inconsistencies between and within laws; (ii) limited judicial and administrative guidance on interpreting legislation, particularly that relating to business, corporate, mineral extraction, and securities laws; (iii) substantial gaps in the regulatory structure due to a delay or absence of enabling regulations; (iv) a lack of judicial independence from political, social and commercial forces; (v) corruption; and (vi) bankruptcy procedures that are subject to abuse, any of which could have a material adverse effect on the Company's business, financial condition, results of operations, cash flows or prospects. Furthermore, it may be difficult to obtain swift and equitable enforcement of a judgement in the Czech Republic, or to obtain enforcement of a judgement by a court of another jurisdiction, which could have a material adverse effect on the Company's business, financial condition, results of operations, cash flows or prospects.

Global Economic Uncertainty

Changes in the global economic environment have created market uncertainty and volatility in recent years. The market and demand for metal commodities and related products has in recent years been adversely affected by global economic uncertainty, reduced confidence in financial markets, bank failures and credit availability concerns. These macro-economic events negatively affected the mining and minerals sectors in general. Global financial conditions remain subject to sudden and rapid destabilizations in response to economic shocks. A slowdown in the financial markets or other economic conditions, including but not limited to consumer spending, employment rates, business conditions, inflation, fuel and energy costs, consumer debt levels, lack of available credit, the state of the financial markets, interest rates and tax rates, may adversely affect the Company's growth and profitability. Future economic shocks may be precipitated by a number of causes, including the ongoing European debt situation, a rise in the price of oil and other commodities, the volatility of metal prices, geopolitical instability, terrorism, the devaluation and volatility of global stock markets and natural disasters. Any sudden or rapid destabilization of global economic conditions could impact the Company's ability to obtain equity or debt financing in the future on terms favorable to the Company or at all. In such an event, the Company's operations and financial condition could be adversely impacted.

The Company assesses on a quarterly basis the carrying values of its exploration and evaluation assets. Should market conditions and commodity prices worsen and persist in a worsened state for a prolonged period of time, an impairment of the Company's mineral properties may be required.

Fluctuating Mineral Prices

HPEMM and or HPMSM, high-purity manganese products, are the products intended to be produced at the Chvaletice Manganese Project. The profitability of the Chvaletice Manganese Project will be significantly affected by changes in the market prices of these products. Prices of HPEMM and HPMSM, as well as certain metals or products in the production of which HPEMM and HPMSM are consumed, such as steel and aluminum alloys, as well as lithium ion battery precursor materials, fluctuate and historically have been subject to significant annual price fluctuations and are affected by numerous factors beyond the control of the Company such as the level of interest rates, the rate of inflation, central bank transactions, world supply and demand of steel and other metals, foreign currency exchange rates, international investments, monetary systems, speculative activities, international economic conditions, political developments and the production levels and production costs in key mineral producing countries. As a result, there is no assurance that, even if commercial quantities of mineral resources are discovered, that mineral prices will be such that the Company will be profitable.

Fluctuations in the prices of HPEMM and HPMSM could adversely affect the Company's financial performance and results of operations. Further, if the market price of these metals falls or remains depressed, the Company may experience losses or asset write-downs and may curtail or suspend some or all of the Company's exploration, development and mining activities.

Inadequate Insurance, and Uninsured or Uninsurable Risks

The Company's business is subject to a number of risks and hazards. Although the Company maintains insurance to protect against certain risks in such amounts as it considers to be reasonable, its insurance will not cover all the potential risks associated with its activities, including current and any future mining operations. The Company may also be unable to obtain or maintain insurance to cover its risks at economically feasible premiums, or at all. Insurance coverage may not continue to be available or may not be adequate to cover any resulting liability. Moreover, insurance against risks such as environmental pollution or other hazards as a result of exploration, development or production may not be available to the Company on acceptable terms. The Company might also become subject to liability for pollution or other hazards which it is not currently insured against and/or in the future may not insure against because of premium costs or other reasons. Losses from these events may cause the Company to incur significant costs which could have a material adverse effect on the Company's business, financial condition, results of operations, cash flows or prospects.

Compliance with Environmental Regulations can be Costly

The Company's exploration on the Chvaletice Manganese Project, as well as the planned development of the Chvaletice Manganese Project, are all subject to environmental regulation. Regulations cover, among other things, water quality standards, land reclamation, the generation, transportation, storage and disposal of hazardous waste, the construction and operation of tailings dams, and general health and safety matters. There is no assurance that the Company has been or will at all times be in full compliance with all environmental laws and regulations or hold, and be in full compliance with, all required environmental and health and safety approvals and permits. The potential costs and delays associated with compliance with such laws, regulations, approvals and permits could prevent the Company from economically operating or proceeding with the further development and exploration of the Chvaletice Manganese Project, and any non-compliance with such laws, regulations, approvals and permits at the

Chvalětice Manganese Project could result in a material adverse effect on the Company's business, financial condition, results of operations, cash flows or prospects.

Environmental approvals and permits are currently, and may in the future be, required in connection with the Company's current and planned operations. To the extent such environmental approvals and permits are required and not obtained, the Company's plans and the operation of mines may be curtailed, or it may be prohibited from proceeding with planned exploration or development of additional mineral properties. Failure to comply with applicable environmental laws, regulations and permitting requirements may result in enforcement actions, including orders issued by regulatory or judicial authorities causing operations to cease or be curtailed, and may include corrective measures requiring capital expenditures, installation of additional equipment, or remedial actions.

There is no assurance that any future changes in environmental regulation will not adversely affect the Company's operations. Changes in government regulations have the potential to significantly increase compliance costs and thus reduce the profitability of current or future operations.

Environmental hazards may also exist on the Chvalětice Manganese Project that are unknown to the Company at present and that have been caused by previous or existing owners or operators of the property and for which the Company may be liable for remediation. Parties engaged in the extraction of minerals, including the Company, may be required to compensate those suffering loss or damage by reason of their activities and may have civil or criminal fines or penalties imposed for violations of applicable environmental laws or regulations, regardless of whether the Company actually caused the loss or damage. The costs of such compensation, fines or penalties could have a material adverse effect on the Company's business, financial condition, results of operations, cash flows or prospects.

Changes in climate conditions may affect the Company's operations

A number of governments have introduced or are moving to introduce climate change legislation and treaties at the international, national, state/provincial and local levels. Regulation relating to emission levels (such as carbon taxes) and energy efficiency is becoming more stringent. If the current regulatory trend continues, this may result in increased costs at the Company's operations. In addition, the physical risks of climate change may also have an adverse effect on the Company's operations. These risks include the following:

- changes in sea levels could affect ocean transportation and shipping facilities that are used to transport supplies, equipment and workforce and products from the Company's operations to world markets;
- extreme weather events (such as prolonged drought) have the potential to disrupt operations at the Company's operations and may require the Company to make additional expenditures to mitigate the impact of such events; and
- the Company's facilities depend on regular supplies of consumables (diesel, tires, reagents, etc.) to operate efficiently. In the event that the effects of climate change or extreme weather events cause prolonged disruption to the delivery of essential commodities, production levels at the Company's operations may be reduced.

There can be no assurance that efforts to mitigate the risks of climate change will be effective and that the physical risks of climate change will not have an adverse effect on the Company's business, financial condition, results of operations, cash flows or prospects.

Social and Environmental Activism can Negatively Impact Exploration, Development and Mining Activities

There is an increasing level of public concern relating to the effects of resource extraction on the natural landscape, on communities and on the environment. Certain non-governmental organizations, public interest groups and reporting organizations ("NGOs") who oppose resource development can be vocal critics of the resource extraction industries. In addition, there have been many instances in which local community groups have opposed resource extraction activities, which have resulted in disruption and delays to the relevant operation. While the Company seeks to operate in a socially responsible manner and believes it has good relationships with local communities in the regions in which it operates, NGOs or local community organizations could direct adverse publicity against and/or disrupt the operations of the Company in respect of one or more of its properties, regardless of its successful compliance with social and environmental best practices, due to political factors, activities of unrelated third parties on lands in which the Company has an interest or the Company's operations specifically. Any such actions and the resulting media coverage could have an adverse effect on the reputation and financial condition of the Company or its relationships with the communities in which it operates, which could have a material adverse effect on the Company's business, financial condition, results of operations, cash flows or prospects.

The Company may be Responsible for Corruption and Anti-bribery law Violations

The Company's business is subject to the Canada's *Corruption of Foreign Public Officials Act* ("CFPOA"), which generally prohibits companies and company employees from engaging in bribery or other prohibited payments to foreign officials for the purpose of obtaining or retaining business. Since all of the Company's presently held interests are located in the Czech Republic, there is a risk of potential CFPOA violations, whether intentional or not, by any of the Company's employees, representatives or contractors. In addition, the Company is subject to the anti-bribery laws of the Czech Republic. The Company's employees or other agents may, without its knowledge and despite its efforts, engage in prohibited conduct under the Company's policies and procedures and the CFPOA or other anti-bribery laws for which the Company may be held responsible. The Code mandates compliance with these anti-corruption and anti-bribery laws. However, there can be no assurance that the Company's policies and procedures will always protect it from recklessness, fraudulent behavior, dishonesty or other inappropriate acts committed by its affiliates, employees, contractors or agents. If the Company's employees or other agents are found to have engaged in such practices, the Company could suffer severe penalties and other consequences that may have a material adverse effect on its business, financial condition and results of operations.

The Company is Exposed to the Possibility that Applicable Taxing Authorities could take Actions that Result in Increased Tax

The Company pays or will pay upon the commencement of future operations in the future, a variety of taxes, fees and other governmental charges in connection with the operation of its business, including income taxes, mining royalties, ad valorem property taxes, sales and use taxes, social security contributions and various assessments. These taxes, fees and other charges are assessed by a variety of taxing authorities pursuant to applicable laws, regulations and rules. From time to time, the Company may also enter into specific agreements with such taxing authorities that provide for the reduction, abatement or deferral of such taxes, fees or charges in exchange for certain payments or undertakings on the Company's part. If the Company enters into any such arrangements, the Company can give no assurance that any such reduction, abatement or deferral arrangements will be honored or that the applicable taxing authorities will not take actions that materially increase the amount of such taxes, fees or other governmental charges that the Company is required to pay. Additionally, the Company may incur additional and unanticipated costs and expenses in connection with the Company's efforts to resist

any proposed increases in such taxes, fees or other charges or in connection with the Company's efforts to enforce any reduction, abatement or deferral arrangements that the Company has previously put in place.

The Czech Republic government may implement changes to the tax regime that may affect the Company. These changes could include changes in prevailing tax rates and the imposition of new or temporary taxes, the proceeds of which are earmarked for designated government purposes. Some of these changes may result in increases in the Company's tax payments, which could have an adverse effect on the Company's operations or profitability. The Company cannot provide assurance that it will be able to be profitable following any increases in taxes applicable to the Company and the Company's operations.

Future Acquisitions

As part of the Company's business strategy, the Company may seek to grow by acquiring companies and/or assets or establishing joint ventures that the Company believes will complement the Company's current or future business. The Company may not effectively select acquisition candidates or negotiate or finance acquisitions or integrate the acquired businesses and their personnel or acquire assets for the Company's business. The Company cannot guarantee that the Company can complete any acquisition the Company pursues on favourable terms, or that any acquisitions completed will ultimately benefit the Company's business.

Reliability of Historical Information

The Company has relied on, and the disclosure from the Technical Report, is based, in part, upon historical data compiled by previous parties involved with the Chvaletice Manganese Project. To the extent that any of such historical data is inaccurate or incomplete, the Company's exploration plans may be adversely affected.

Risks Relating to the Shares

Liquidity and Future Financing Risk

The Company is in the early stages of its business and has no source of operating revenue. The Company will likely operate at a loss until the Company puts the Chvaletice Manganese Project into production. The Company's ability to secure any required financing to sustain operations will depend in part upon prevailing capital market conditions and business success. There can be no assurance that the Company will be successful in its efforts to secure any additional financing or additional financing on satisfactory terms, if at all. If additional financing is raised by issuance of additional Shares from treasury, control may change, and shareholders may suffer dilution. If adequate funds are not available, or are not available on acceptable terms, the Company may be required to scale back its current business plan or cease operating.

Currency Fluctuations can result in Unanticipated Losses

The Company maintains its accounting records and reports its financial position and results in Canadian dollars, but a portion of the Company's operating and capital expenses are or will be incurred in Czech Republic Koruna and U.S. dollars, and manganese will be sold based principally on a US dollar price. Exchange rate fluctuations in these currencies are beyond the Company's control and such fluctuations could have an adverse effect on the Company's business, financial condition and results of operations.

Share Price Fluctuations

In recent years, the stock market has experienced extreme price and volume fluctuations. This volatility has had a significant effect on the market price of securities issued by many companies for reasons

unrelated to the operating performance of these companies. The market price of the Shares could similarly be subject to wide fluctuations in response to a number of factors, most of which the Company cannot control, including, but not limited to:

- (a) fluctuations in the market price of mineral resources;
- (b) the public's reaction to the Company's press releases, announcements and filings with Canadian securities regulatory authorities and those of its competitors;
- (c) fluctuations in broader stock market prices and volumes;
- (d) changes in market valuations of similar companies;
- (e) investor perception of the Company's industry or prospects;
- (f) additions or departures of key personnel;
- (g) commencement of or involvement in litigation;
- (h) changes in environmental and other governmental regulations;
- (i) announcements by the Company or its competitors of strategic alliances, significant contracts, new technologies, acquisitions, commercial relationships, joint ventures or capital commitments;
- (j) variations in the Company's quarterly results of operations or cash flows or those of other comparable companies;
- (k) revenues and operating results failing to meet the expectations of securities analysts or investors in a particular quarter;
- (l) the expiration of lock-up or other transfer restrictions on outstanding Shares;
- (m) news reports relating to trends, concerns, technological or competitive developments, regulatory changes and other related industry and market issues affecting the mining sector;
- (n) future issuances and sales of Shares, or of debt securities of the Company;
- (o) demand for and trading volume of Shares;
- (p) changes in securities analysts' recommendations and their estimates of the Company's financial performance; and
- (q) changes in general conditions in the domestic and worldwide economies or financial markets.

The realization of any of these risks and other factors beyond the Company's control could cause the market price of the Shares to decline significantly.

Additionally, as the Shares will be traded on the TSXV and the CDIs will be traded on the ASX, there is a possibility that there will be substantial price and volume disparities between the two markets.

Dividends to Shareholders

The Company has not, since the date of its incorporation, declared or paid any dividends or other distributions on its Shares. The Company does not anticipate paying cash dividends on the Shares in the foreseeable future. The Company currently intends to retain all future earnings to fund the development and growth of its business. Any payment of future dividends will be at the discretion of the directors and will depend on, among other things, the Company's earnings, financial condition, capital requirements, level of indebtedness, statutory and contractual restrictions applying to the payment of dividends, and

other considerations that the directors deem relevant. Investors must rely on sales of their Shares after price appreciation, which may never occur, as the only way to realize a return on their investment.

Increased Cost as a Result of Becoming a Reporting Issuer

Prior to becoming a Reporting Issuer in Canada, the Company had not been subject to the continuous and timely disclosure requirements of Canadian Securities Laws or other rules, regulations and policies of the TSXV. The Company is working with its legal, accounting and financial advisors to identify those areas in which changes should be made to the Company's financial management control systems to manage the Company's obligations as a public company. These areas include corporate governance, corporate controls, internal audit, disclosure controls and procedures and financial reporting and accounting systems. The Company has made, and will continue to make, changes in these and other areas, including the Company's internal controls over financial reporting. However, the Company cannot provide any assurance that these measures the Company may take will be sufficient to allow the Company to satisfy its obligations as a public company on a timely basis. In addition, compliance with reporting and other requirements applicable to public companies will create additional costs for the Company and will require the time and attention of Management. The Company cannot predict the amount of the additional costs it may incur, the timing of such costs or the impact that Management's attention to these matters will have on the Company's business.

Securities or Industry Analysts

The trading market for Shares could be influenced by research and reports that industry and/or securities analysts may publish about the Company, its business, the market or competitors. The Company does not have any control over these analysts and cannot assure that analysts will cover it or provide favourable coverage. If any of the analysts who may cover the Company's business change their recommendation regarding the Company's stock adversely, or provide more favourable relative recommendations about its competitors, the stock price would likely decline. If any analyst who may cover the Company's business were to cease coverage or fail to regularly publish reports on the Company, it could lose visibility in the financial markets, which in turn could cause the stock price or trading volume to decline.

Dilution from Future Equity Financings

In order to execute the Company's growth strategy, the Company may from time to time raise funds through the issuance of Shares or the issuance of debt instruments or other securities convertible into Shares. The Company cannot predict the size or price of future issuances of Shares or the size or terms of future issuances of debt instruments or other securities convertible into Shares, or the effect, if any, that future issuances and sales of the Company's securities will have on the market price of the Shares. Sales or issuances of substantial numbers of Shares, or the perception that such sales or issuances could occur, may adversely affect prevailing market prices of the Shares. With any additional sale or issuance of Shares, or securities convertible into Shares, investors will suffer dilution to their voting power and the Company may experience dilution in its earnings per share.

Public Companies are Subject to Securities Class Action Litigation Risk

In the past, securities class action litigation has often been brought against a company following a decline in the market price of its securities. If the Company faces such litigation, it could result in substantial costs and a diversion of management's attention and resources, which could materially harm its business.

It may be Difficult to Enforce Judgements and effect Service of Process on Directors and Officers

Some of the directors and officers of the Company reside outside of Canada, and some or all of the assets of those persons may be located outside of Canada. Therefore, it may not be possible for investors to

collect or to enforce judgments obtained in Canadian courts predicated upon the civil liability provisions of applicable Canadian Securities Laws against such persons. Moreover, it may not be possible for investors to effect service of process within Canada upon such persons.

Global Financial Conditions can Reduce the Price of the Shares

Following the onset of the credit crisis in 2008, global financial conditions were characterized by extreme volatility and several major financial institutions either went into bankruptcy or were rescued by governmental authorities. While global financial conditions subsequently stabilized, there remains considerable risk in the system given the extraordinary measures adopted by government authorities to achieve that stability. Global financial conditions could suddenly and rapidly destabilize in response to future economic shocks, as government authorities may have limited resources to respond to future crises. Future economic shocks may be precipitated by a number of causes, including a rise in the price of oil, geopolitical instability and natural disasters. Any sudden or rapid destabilization of global economic conditions could impact the Company's ability to obtain equity or debt financing in the future on terms favourable to the Company. Additionally, any such occurrence could cause decreases in asset values that are deemed to be other than temporary, which may result in impairment losses. Further, in such an event, the Company's operations and financial condition could be adversely impacted.

Furthermore, general market, political and economic conditions, including, for example, inflation, interest and currency exchange rates, structural changes in the global mining industry, global supply and demand for commodities, political developments, legislative or regulatory changes, social or labour unrest and stock market trends will affect the Company's operating environment and its operating costs, profit margins and share price. Any negative events in the global economy could have a material adverse effect on the Company's business, financial condition, results of operations, cash flows or prospects.

Conflict of Interest

Certain of the Company's directors and officers are, and may continue to be, involved in the mineral exploration industry through their direct and indirect participation in corporations, partnerships or joint ventures which are potential competitors of the Company. Situations may arise in connection with potential acquisitions or opportunities where the other interests of these directors and officers may conflict with the Company's interests. Directors and officers of the Company with conflicts of interest will be subject to and must follow the procedures set out in applicable corporate and securities legislation, regulations, rules and policies. Notwithstanding this, there may be corporate opportunities which the Company is not able to procure due to a conflict of interest of one or more of the Company's directors or officers.

DIVIDENDS AND DISTRIBUTIONS

The Company has never declared or paid a dividend. The Board intends to retain future earnings for reinvestment in the Company's business, and therefore, has no current intention to declare or pay dividends on the Shares in the foreseeable future. The Company's dividend policy will be reviewed from time to time in the context of its earnings, financial condition and other relevant factors. There can be no assurance that the Company will generate sufficient earnings or cash flow to allow it to pay dividends.

DESCRIPTION OF CAPITAL STOCK

The Company's authorized share capital consists of an unlimited number of Shares without par value. The following is a summary of the Company's capital. It does not purport to be complete and is subject to, and is qualified in its entirety by reference to, the applicable provisions of British Columbia corporate law, the Company's notice of articles and articles. As at the date of this AIF, 170,709,600 Shares are

issued and outstanding, including 73,980,708 Shares in the form of CDIs. In addition, as of the date of this AIF, there were 12,525,000 Shares issuable on the exercise of incentive stock options and 8,684,015 Shares issuable on the exercise of common share purchase warrants.

Shares

All of the Shares rank equally as to voting rights, participation in a distribution of the assets of the Company on a liquidation, dissolution or winding-up of the Company and entitlement to any dividends declared by the Company. The holders of the Shares are entitled to receive notice of, and to attend and vote at, all meetings of shareholders, with each Share carrying the right to one vote. In the event of the liquidation, dissolution or winding-up of the Company, or any other distribution of the assets of the Company among its shareholders for the purpose of winding-up its affairs, the holders of the Shares will be entitled to receive, on a pro rata basis, all of the assets remaining after the payment by the Company of all of its liabilities. The holders of Shares are entitled to receive dividends as and when declared by the Board in respect of the Shares on a pro rata basis. The Shares do not carry any pre-emptive, subscription, redemption or conversion rights.

MARKET FOR SECURITIES

Markets

The Shares were listed on the TSXV on October 2, 2018 under the symbol "EMN". The closing price of the Shares on the TSXV on December 10, 2018 was \$0.195. The Company's Shares, in the form of CDIs were admitted to the Official List of the ASX effective September 28, 2018 and commenced trading on the ASX October 2, 2018 under the symbol "EMN." From the date the Shares and CDIs commenced trading to December 10, 2018, 5,598,500 Shares have been converted into CDIs. The closing price of the Shares on the ASX on December 10, 2018 was A\$0.245.

Trading Price and Volume of the Shares

The following sets forth the high and low market prices and the volume of the Shares and CDIs traded on the TSXV and ASX, respectively, during the periods indicated, stated in Canadian dollars and Australian dollars, respectively:

Month / Year	TSXV Trading			ASX Trading		
	High CAD\$	Low CAD\$	Volume	High A\$	Low A\$	Volume
October 2018 ⁽¹⁾	\$0.25	\$0.15	10,756,350	A\$0.33	A\$0.18	5,186,081
November 2018	\$0.22	\$0.15	5,663,450	A\$0.28	A\$0.17	3,137,597

Notes:

(1) The Shares and CDIs commenced trading on the TSXV and ASX, on October 2, 2018.

Prior Sales

The following table sets forth certain information regarding the sale of Shares during the period commencing 12 months prior to the date of this AIF.

Date of Issue	Number and Type of Securities	Issue Price Per Securities	Aggregate Issue Price	Nature of Consideration
December 14, 2017	659,920 Shares	\$0.11	\$72,593	Services provided
December 14, 2017	700,000 Incentive Stock Options	\$0.11	-	Remuneration
December 14, 2017	50,000 Shares	\$0.11	\$5,500	Exercise of options
December 14, 2017	110,140 Shares	\$0.11	\$12,115	Services provided
January 12, 2018	823,610 Shares	\$0.11	\$88,950	Exercise of warrants ⁽¹⁾

Date of Issue	Number and Type of Securities	Issue Price Per Securities	Aggregate Issue Price	Nature of Consideration
February 21, 2018	421,355 Shares	\$0.11	\$46,351	Services provided
February 21, 2018	253,355 Shares	\$0.11	\$27,363	Exercise of warrants ⁽¹⁾
February 21, 2018	3,225,000 Incentive Stock Options	\$0.20	-	Remuneration
February 28, 2018	12,500 Shares	\$0.20	\$2,500	Services provided
February 28, 2018	37,750,000 Shares	\$0.20	\$7,550,000	Private placement
February 28, 2018	1,684,050 Shares	\$0.20	\$336,810	Fees on brokered private placement ⁽²⁾
February 28, 2018	2,806,750 Broker Warrants	\$0.30	-	Remuneration to broker
March 20, 2018	500,000 Incentive Stock Options	\$0.20	-	Remuneration
March 20, 2018	30,000 Shares	\$0.20	\$6,000	Fees on brokered private placement ⁽²⁾
March 20, 2018	50,000 Broker Warrants	\$0.30	-	Remuneration to broker
May 9, 2018	1,500,000 Shares	\$0.20	\$300,000	Partial consideration for Mangan ⁽³⁾
May 28, 2018	122,997 Shares	\$0.20	\$24,444	Partial settlement of fees to non-executive directors
May 28, 2018	222,997 Shares	\$0.20	\$44,600	Services provided
August 15, 2018	207,843 Shares	\$0.25	\$51,961	Services provided
August 15, 2018	1,300,000 Incentive Stock Options	\$0.25	-	Remuneration
September 28, 2018	25,000,000 CHESS Depository Interests (CDIs) ⁽⁴⁾	A\$0.26 ⁽⁵⁾	A\$6,500,000 (\$6,064,187)	Initial Public Offering on ASX
September 28, 2018	1,250,000 CDIs ⁽⁴⁾	A\$0.26 ⁽⁵⁾	A\$325,000 (\$303,192)	Remuneration to Australian agent ⁽⁶⁾
September 28, 2018	2,500,000 Broker Warrants	\$0.375	-	Remuneration to Australian agent ⁽⁶⁾
October 2, 2018	10,000,000 Shares	\$0.25	\$2,500,000	Initial Public Offering on TSXV
October 2, 2018	200,000 Shares	\$0.25	\$50,000	Remuneration to Canadian agent ⁽⁷⁾
October 2, 2018	400,000 Broker Warrants	\$0.375	-	Remuneration to Canadian agent ⁽⁷⁾

Notes:

- (1) Represents the equity portion of the remuneration payable to an officer in the Company's Shares through the issue and subsequent exercise of warrants having a value equivalent to the services provided.
- (2) Represents Shares issued in settlement of the 6% fee owing on Shares placed by the agent pursuant to the private placement completed on February 28, 2018.
- (3) Represents the third tranche of the deferred share consideration relating to the acquisition of Mangan (See "*General Development of the Business – Three Year History - 2016*").
- (4) Each CDI represents one fully paid Share.
- (5) A\$0.26 per CDI was equivalent to \$0.25 at the AUD:CAD exchange rate on August 22, 2018, the date the Offer Management Agreement was signed with the Australian agent.
- (6) Fees payable in connection with the Australian Offering included fees of 6% of the aggregate gross proceeds, payable 1% in cash and 5% in CDIs (being 1,250,000 CDIs) and warrants entitling the agent to purchase 10% of the CDIs issued at an exercise price of \$0.375 per CDI until October 1, 2021
- (7) Fees payable in connection with the Offering included a corporate finance fee of fees \$70,000, fees of 6% of the aggregate gross proceeds of the Offering in excess of \$1,500,000, payable 1% in cash and 5% in Shares (being 200,000 Shares), and warrants entitling the agent to purchase 10% of the Shares issued in excess of 6,000,000 Shares at an exercise price of \$0.375 per Share until October 1, 2021.

ESCROWED SECURITIES AND SECURITIES SUBJECT TO CONTRACTUAL RESTRICTIONS ON TRANSFER

The figures in this section are based on the number of securities of the Company outstanding as of the date of this AIF.

NP 46-201 Escrow

In accordance with NP 46-201, all shares of an issuer owned or controlled by its principals are required to be placed in escrow at the time of the issuer's initial public offering. As of the date of this AIF, the following Shares and Options of the Company (the "**NP Escrowed Securities**") remain subject to the terms of an escrow agreement dated October 2, 2018 among the Company, the Escrow Agent and the holders of the NP Escrowed Securities.

Designation of Class	Number of Securities	% of Total Outstanding Class of Securities
Shares	21,784,020	12.76%
Options	4,200,000	33.53%

The remaining NP Escrowed Securities are subject to the following automatic timed releases: one-third on April 2, 2019; one-third on October 2, 2019; and one-third on April 2, 2020.

TSXV Escrow Provisions and Hold Periods

In addition to the foregoing escrow provisions, as at the date of this AIF the following Shares, Options and Warrants remain subject to the TSXV Seed Share Resale Restrictions (within the meaning of the TSXV rules) (the "**SSRR Escrowed Securities**"):

Designation of Class	Number of Securities	% of Total Outstanding Class of Securities
Shares	311,430	0.18%
Options	90,000	0.72%
Warrants	Nil	N/A

The remaining SSRR Escrowed Securities are subject to the following automatic timed releases: one-half on January 2, 2019; and one-half on February 2, 2019.

ASX Escrow Provisions

In addition to the foregoing escrow provisions, under ASX Listing Rules, Shares, Options and Warrants held by certain promoters, related parties, and consultants (collectively, the "**ASX Escrowed Securityholders**") will be escrowed for a period of up to two years from the ASX listing date of September 28, 2018. Each of the ASX Escrowed Securityholders has entered into an escrow deed in respect of their escrowed Shares, Options and/or Warrants. This deed prevents them from disposing of their escrowed Shares, Options and/or Warrants for the applicable escrow period.

In aggregate, Shares, as of the date of this AIF, Options and Warrants held by the ASX Escrowed Securityholders will be the subject of these escrow arrangements, as set out in the following table (the "**ASX Escrowed Securities**"):

Designation of Class	Number of Securities	% of Total Outstanding Class of Securities
Shares	25,522,290	14.95%
Options	9,550,000	76.25%
Warrants	8,684,015	100%

The ASX Escrowed Securities will be released either 12 months from the date they were issued or 24 months from the ASX listing date of September 28, 2018.

Application of Escrow Provisions

Depending on the holder of the Shares, Options and/or Warrants, it is possible that any particular holder, or any particular Share, Option or Warrant, will fall into one or more of the NP Escrowed Securities, the SSRR Escrowed Securities and/or the ASX Escrowed Securities. If a holder of Shares, Options and/or Warrants is subject to one or more of these escrow regimes, the Share, Option and/or Warrant will not be released from escrow until the release schedule for all regimes have been met. Given this overlap, on any particular release date, despite a Share, Option and/or Warrant being released from a particular escrow regime, such Share, Option and/or Warrant may still be in escrow under another regime.

DIRECTORS AND EXECUTIVE OFFICERS

The following table sets out the names and country and state or province of residence of the directors and executive officers of the Company, their present position(s) and offices with the Company, their principal occupations during the last five years and their holdings of Shares, as applicable, as at the date hereof.

Name and Province and Country of Residence	Position(s) with the Company	Principal Occupation During Past Five Years	Director since
Roman Shklanka ⁽¹⁾ British Columbia, Canada	Non-Executive Chairman, Director	From September 2004, served as a director and Executive Chairman of Pacific Imperial Mines Ltd.; and from January 2009 to July 2015, served as a director of Delta Gold Corp.	November 25, 2014
Marco A. Romero ⁽²⁾ British Columbia, Canada	President & CEO, Director	President and CEO of the Company since September 2015; President and CEO and a director of Delta Gold Corp. from January 2009 to July 2015; President and CEO of Polaris Materials Corporation from 1999 to 2008, and a director from of Polaris Materials Corporation from 1999 to 2017.	November 25, 2014
Pierre F. Massé British Columbia, Canada	Vice President Finance and Chief Financial Officer	VP Finance and CFO from November 1, 2018; VP Finance and CFO and Corporate Secretary from January 2016 to October 31, 2018; employed by Global Mining Inc. (part of the Ivanhoe Capital group of companies) acting in the capacity as CFO to its related companies, Kaizen Discovery Inc. (from January 2014 to May 2015) and GoviEx Uranium Inc. (from January 2011 to May 2015).	N/A

Name and Province and Country of Residence	Position(s) with the Company	Principal Occupation During Past Five Years	Director since
Harvey N. McLeod (2) British Columbia, Canada	Director	Vice President Marketing and Principal in, Klohn Crippen Berger, a worldwide geoscience, environmental and engineering consulting firm.	September 14, 2015
John Webster (1), (2) British Columbia, Canada	Director	Retired in June 2014 after 30 years with PricewaterhouseCoopers LLP; a director of Eldorado Gold Corporation and chair of its audit committee.	September 14, 2015
Daniel Rosický Czech Republic	Director	From 1998, senior partner with PRK Partners s.r.o., a leading Czech corporate law firm.	January 11, 2016
David B. Dreisinger,(1) British Columbia, Canada	Director	Professor at the University of British Columbia since 1984; President of Dreisinger Consulting, providing consulting services on major hydrometallurgical projects and plants; a director of Polymet Mining Corp. since October 2003, Search Minerals Inc. since July 2009, and LeadFX Inc. since since June 2017; Vice President Metallurgy of Camrova Resources Inc. since July 2004; Vice President Metallurgy of Search Minerals Inc. from July 2009; from May 2009 to January 2018, held position of Vice President Metallurgy with TriMetals Mining Inc.; and from September 2012 to December 2014, held position of Vice President Metallurgy with Clifton Star Resources Inc.	September 14, 2015
Jan Votava Czech Republic	Managing Director of Mangan, Director	Managing Director of Mangan, from October 1, 2017; From 2006 to September 2017, held managerial roles including Head of Transformation Team for Europe, Technical Director for Central Europe, as well as Executive Chairman and Managing Director for the Czech Republic for LafargeHolcim, a global building materials company.	September 21, 2017
Gregory P. Martyr New South Wales, Australia	Director	Since 2017, has served as Executive Director of Carbon Fibre Development Technologies Pty Ltd., a manufacturer of carbon fibre industrial scale products; from 2011 to 2016, served as Managing Director with Standard Chartered Bank, ultimately as the Global Head of Advisory, Mining and Metals.	March 20, 2018
Thomas Glück British Columbia, Canada	Vice President, Development	Vice President, Development of the Company since January 1, 2018; From March 2013, provided numerous clients, including the Company, with metallurgical consulting services, as Thomas Glück Consulting.	N/A
Fausto Taddei British Columbia, Canada	Vice President, Corporate Development and Corporate Secretary	Vice President, Corporate Development and Corporate Secretary of the Company since November 1, 2018; from June 2013, a private financial consultant.	N/A

Notes:

1. Member of Audit Committee, of which John Webster is the Chair.
2. Member of Governance, Compensation, Nominating and Sustainability Committee, of which Harvey McLeod is the Chair.

The term of office of the directors expires annually at the time of the Company's annual shareholder meeting. The term of office of the Company's executive officers expires at the discretion of the Board.

As at the date of this AIF, the Company's directors and executive officers as a group beneficially own, directly or indirectly, or exercise control or direction over an aggregate of 35,202,565 Shares, representing 20.62% of the issued and outstanding Shares.

Cease Trade Orders, Bankruptcies, Penalties or Sanctions

Other than as disclosed below, to the knowledge of management, except as disclosed herein, no director or executive officer of the Company is, as of the date of this AIF, or was, within the 10 years before the date hereof, a director, chief executive officer or chief financial officer of any company that was the subject of a cease trade order, an order similar to a cease trade order or an order that denied the company access to any exemption under securities legislation that was in effect for a period of more than 30 consecutive days, that was issued: (i) while such person was acting in that capacity; or (ii) after such person was acting in such capacity and which resulted from an event that occurred while that person was acting in such capacity.

Dr. Roman Shklanka was a director of the Pacific Imperial Mines Ltd. when it was the subject of a Cease Trade Order issued by the British Columbia Securities Commission on November 8, 2008 (the "**British Columbia Cease Trade Order**") and the Alberta Securities Commission on February 9, 2009 for failure to file financial statements and management's discussion and analysis for the year ended June 30, 2008 (the "**Alberta Cease Trade Order**"). The financial statements have since been filed and, as a result, the British Columbia Cease Trade Order was revoked on June 25, 2010 and the Alberta Cease Trade Order was revoked on September 8, 2010.

To the knowledge of management, except as disclosed herein, no director or executive officer of the Company, or shareholder holding a sufficient number of securities to affect materially the control of the Company is, as of the date of this AIF, or has been, within 10 years before the date hereof, a director or executive officer of any company that, while such person was acting in that capacity, or within a year of that person ceasing to act in that capacity, became bankrupt, made a proposal under any legislation relating to bankruptcy or insolvency or was subject to or instituted any proceedings, arrangement or compromise with creditors or had a receiver, receiver manager or trustee appointed to hold its assets.

To the knowledge of management, no director or executive officer of the Company, or shareholder holding a sufficient number of securities to affect materially the control of the Company has, within the 10 years before the date of this AIF, become bankrupt, made a proposal under any legislation relating to bankruptcy or insolvency, or become subject to or instituted any proceedings, arrangement or compromise with creditors, or had a receiver, receiver manager or trustee appointed to hold the assets of the director, executive officer or shareholder.

To the knowledge of management, no director or executive officer of the Company, or shareholder holding a sufficient number of securities to affect materially the control of the Company has been subject to any penalties or sanctions imposed by a court relating to securities legislation or by a securities regulatory authority or has entered into a settlement agreement with a securities regulatory authority, or has been subject to any other penalties or sanctions imposed by a court or regulatory body that would likely be considered important to a reasonable investor in making an investment decision.

Conflicts of Interest

To the best of the Company's knowledge, there are no existing or potential conflicts of interest among the Company, its directors, officers, or other members of management of the Company except that certain of the directors, officers and other members of management serve as directors, officers and members of management of other public companies and therefore it is possible that a conflict may arise between their duties as a director, officer or member of management of such other companies and their duties as a director, officer or member of management of the Company.

The directors and officers of the Company are aware of the existence of laws governing accountability of directors and officers for corporate opportunity and requiring disclosure by directors and officers of conflicts of interest and the Company will rely upon such laws in respect of any directors' or officers' conflicts of interest or in respect of any breaches of duty to any of its directors and officers. All such conflicts must be disclosed by such directors or officers in accordance with British Columbia corporate law.

The Company has adopted a Code of Ethics and Business Conduct that applies to all directors, officers, employees and consultants of the Company and its subsidiaries.

PROMOTERS

Each of Marco Romero and Roman Shklanka took the initiative in founding the Company and arranging for its organization and, accordingly, may be considered to be the promoters of the Company within the meaning of applicable securities legislation in British Columbia. The following table sets out their shareholdings in the Company.

Name of Promoter	Shares Beneficially Owned, or Controlled or Directed, Directly or Indirectly ⁽³⁾	% of Total Outstanding Class of Shares
Marco A. Romero	9,628,000(1)	4.87%
Roman Shklanka	10,453,335(2)	6.12%

Notes:

1. Includes Shares held by Navigator Management Ltd., a company controlled by Marco A. Romero and owned jointly with his spouse.
2. Includes Shares held by Shklanka Holdings Ltd., a company controlled by Roman Shklanka.
3. After adjusting for the Share Split.

Mr. Romero has, pursuant to the Stock Option Plan, been granted incentive stock options to purchase: 200,000 Shares at an exercise price of \$0.08 per Share until May 16, 2026; 125,000 Shares at an exercise price of \$0.10 per Share until April 6, 2027; 250,000 Shares at an exercise price of \$0.11 per Share until September 22, 2027; 75,000 Shares at an exercise price of \$0.11 per Share until December 14, 2027; and 250,000 Shares at an exercise price of \$0.20 per Share until February 21, 2028. In aggregate, Mr. Romero has 900,000 stock options to purchase Shares, representing 7.19% of the total stock options outstanding.

Dr. Shklanka has, pursuant to the Stock Option Plan, been granted incentive stock options to purchase: 200,000 Shares at an exercise price of \$0.08 per Share until May 16, 2026; 200,000 Shares at an exercise price of \$0.10 per Share until April 6, 2027; 300,000 Shares at an exercise price of \$0.11 per Share until September 22, 2027; 75,000 Shares at an exercise price of \$0.11 per Share until December 14, 2027; and 300,000 Shares at an exercise price of \$0.20 per Share until February 21, 2028. In aggregate, Dr.

Shklanka has 1,075,000 stock options to purchase Shares, representing 8.58% of the total stock options outstanding.

Mr. Romero acts as a director and is an executive officer of the Company and Dr. Shklanka acts as a director and is Non-executive Chairman of the Company and accordingly, are compensated for their services as such. See section entitled "*Director and Executive Compensation*" in the Company's final long form prospectus dated September 21, 2018 which is available on SEDAR at www.sedar.com, which section is incorporated by reference into this AIF.

LEGAL PROCEEDINGS AND REGULATORY ACTIONS

Since October 1, 2017, there have been no legal proceedings to which the Company is or was a party or of which any of its property is or was the subject of that involves claims for damages, and the Company is unaware of any such proceedings being contemplated.

Since incorporation, there have not been any penalties or sanctions imposed against the Company by a court relating to provincial and territorial securities legislation or by a securities regulatory authority, nor have there been any other penalties or sanctions imposed by a court or regulatory body against the Company, and the Company has not entered into any settlement agreements before a court relating to provincial and territorial securities legislation or with a securities regulatory authority.

AUDIT COMMITTEE INFORMATION

Audit Committee Charter

The charter of the Audit Committee is attached as Schedule "B" to this AIF.

Composition of the Audit Committee and Independence

The Audit Committee is comprised of three directors, being John Webster, David B. Dreisinger, and Roman Shklanka, each of whom is "independent" within the meaning of NI 52-110. John Webster is the current chair of the Audit Committee.

Relevant Education and Experience

Each of John Webster, David B. Dreisinger, and Roman Shklanka, are "financially literate" within the meaning of NI 52-110. Each of the members of the Audit Committee has had several years of experience as a senior executive and a member of the board of directors of significant business enterprises in which he has assumed substantial financial and operational responsibility. In the course of these duties, the members have gained a reasonable understanding of the accounting principles used by the Company; an ability to assess the general application of such principles in connection with the accounting for estimates, accruals and reserves; experience analyzing and evaluating financial statements that present a breadth and level of complexity of issues that can reasonably be expected to be raised by the Company's financial statements, or experience actively supervising one or more individuals engaged in such activities; and an understanding of internal controls and procedures for financial reporting.

Audit Committee Oversight

At no time since incorporation was a recommendation of the Audit Committee to nominate or compensate an external auditor not adopted by the Board.

Pre-Approval Policies and Procedures

The Audit Committee charter requires that the Audit Committee pre-approve any services and fees to be provided by the auditor of the Company for the performance of any non-audit services that the Company deems advisable in accordance with applicable legal and regulatory requirements. The pre-approval requirement is waived with respect to the provision of such non-audit services if: the aggregate amount of all such non-audit services provided to the Company constitutes not more than twenty percent of the total amount of fees paid by the Company to its external auditors during the fiscal year in which the non-audit services are provided; such services were not recognized by the Company at the time of the engagement to be non-audit services; and such services are promptly brought to the attention of the Audit Committee by the Company and approved prior to the completion of the audit by the Audit Committee or by one or more members of the Committee who are members of the Board to whom authority to grant such approvals has been delegated by the Committee. The Audit Committee is permitted to delegate pre-approval authority to one or more of its members; however, the decision of any member of the Audit Committee to whom such authority has been delegated must be presented to the full Audit Committee at its next scheduled meeting.

External Auditor Service Fees

The following table provides information about the fees billed to the Company, for professional services rendered by PricewaterhouseCoopers LLP, Chartered Professional Accountants, during the financial years ended September 30, 2018 and 2017:

	2018	2017
	(\$)	(\$)
Audit Fees ⁽¹⁾	44,100	32,235
Audit Related Fees ⁽²⁾	34,650	-
Tax Fees ⁽³⁾	-	-
All Other Fees ⁽⁴⁾	160,100	-
Total: ⁽⁵⁾	238,850	32,235

Notes:

- (1) Audit fees were for professional services rendered by the Company's auditors for the audit of the Company's annual consolidated financial statements.
- (2) Audit related fees were for services related to limited procedures performed by the Company's auditors related to interim reports as well as services provided in connection with statutory and regulatory filings.
- (3) Tax fees are for tax compliance, tax advice and tax planning.
- (4) All other fees for services performed by the Company's auditors, includes work performed by PricewaterhouseCoopers LLP in connection with the Company's listing on the TSXV and work performed by PricewaterhouseCoopers Securities Ltd. as Investigating Accountants in connection with the Company's listing on the ASX.
- (5) These fees only represent professional services rendered and do not include any out-of-pocket disbursements or fees associated with filings made on the Company's behalf. These additional costs are not material as compared to the total professional services fees for each year.

INTERESTS OF MANAGEMENT AND OTHERS IN MATERIAL TRANSACTIONS

The Company is not aware of any material interest, direct or indirect, of any director or officer of the Company, or any person or company that is a direct or indirect beneficial owner of, or who exercises control or direction over, more than ten percent of the Shares, or any affiliate of such persons or companies, in any transaction within the three most recently completed financial years or during the current financial year that has materially affected or will materially affect the Company.

TRANSFER AGENTS AND REGISTRARS

The transfer agent and registrar for the Shares is Computershare Investor Services Inc. at its offices in Vancouver, British Columbia, Canada.

MATERIAL CONTRACTS

Except for contracts entered into by the Company in the ordinary course of business or otherwise disclosed herein, including the Mangan Acquisition Agreement discussed in "*General Development of the Business - Three Year History - 2016*", the Offer Management Agreement and the Agency Agreement, the Company has no contracts which can reasonably be regarded as material.

INTERESTS OF EXPERTS

Names of Experts

PricewaterhouseCoopers LLP, Chartered Professional Accountants, have advised that they are independent of the Company within the meaning of the Chartered Professional Accountants of British Columbia Code of Professional Conduct.

The scientific and technical information in this AIF regarding the Chvaletice Manganese Project referred to in the "Description of the Business" section is based on the Technical Report.

Interests of Experts

Mr. James Barr, P.Geol., and Mr. Jianhui (John) Huang, Ph.D., P.Eng., the authors of the Technical Report, are independent from the Company within the meaning of NI 43-101. Mr. Gary Nordin is a consultant to the Company, and its Chief Geologist, and is the Company's designated Qualified Person for this Prospectus within the meaning of NI 43-101. Mr. Nordin has reviewed and approved the technical information contained in this AIF. Each of Mr. Huang and Mr. Barr beneficially own, directly or indirectly, none of the outstanding Shares. Mr. Gary Nordin beneficially owns, directly or indirectly, less than 1% of the outstanding Shares

ADDITIONAL INFORMATION

Additional information relating to the Company may be found on SEDAR at www.sedar.com.

Additional information, including directors' and officers' remuneration and indebtedness, principal holders of the Corporation's securities and securities authorized for issuance under equity compensation plans will be contained in the Company's management proxy circular for its upcoming annual general meeting.

Additional financial information is provided in the Company's audited consolidated financial statements for the year ended September 30, 2018.

SCHEDULE "A"

INTERPRETATION

Defined Terms

Certain terms are limited to one section of the AIF and are defined directly in the body of the AIF. Other terms are used throughout, and are defined as follows:

"**ASX**" means the Australian Securities Exchange;

"**BCBCA**" means the *Business Corporations Act* (British Columbia), as amended from time to time, including the regulations promulgated thereunder;

"**Board**" means the board of directors of EMN;

"**CDI**" means a CHESSE Depositary Interest (with each CDI representing one fully paid Share);

"**Chvaletice Manganese Project**" mean the Chvaletice Manganese Project owned by EMN in the Czech Republic;

"**Company**" has the meaning ascribed thereto under the heading "*Forward-Looking Statements*";

"**EMN**" means Euro Manganese Inc.;

"**HPEMN**" means high-purity electrolytic manganese metal, a form of highly-refined manganese metal, which can be used to produce certain specialty steel and aluminum alloys, as well as HPMSM;

"**HPSMN**" means high-purity manganese sulphate monohydrate, a form of highly-refined manganese salt, which is a major ingredient in certain common types of lithium-ion batteries;

"**Mangan**" means Mangan Chvaletice s.r.o.;

"**NI 43-101**" means National Instrument 43-101 – *Standards of Disclosure for Mineral Projects*;

"**NI 52-110**" means National Instrument 52-110 – *Audit Committees*;

"**Option**" means an option to acquire a Share granted pursuant to the Stock Option Plan;

"**Qualified Person**" means an individual who is a "Qualified Person" or "QP" within the meaning of NI 43-101;

"**SEDAR**" means the System for Electronic Document Analysis and Retrieval operated by the securities regulatory authorities in each of the provinces and territories of Canada;

"**Shares**" means the Common shares in the capital of EMN; "**Stock Option Plan**" means the stock option plan of the Company;

"**Technical Report**" has the meaning given to it under the heading "*Definitions and Other Information – Scientific and Technical Information*";

"**TSXV**" means the TSX Venture Exchange; and

"**U.S.**" or "**United States**" mean the United States of America, its territories or possessions, any state of the United States and the District of Columbia;

SCHEDULE "B"

AUDIT COMMITTEE CHARTER

1. MANDATE

The primary function of the audit committee (the "**Committee**") is to assist the Board of Directors in fulfilling its financial oversight responsibilities by reviewing the financial reports and other financial information provided by Euro Manganese Inc (the "**Company**") to regulatory authorities and shareholders, the Company's systems of internal controls regarding finance and accounting and the Company's auditing, accounting and financial reporting processes. Consistent with this function, the Committee will encourage continuous improvement of, and should foster adherence to, the Company's policies, procedures and practices at all levels. The Committee's primary duties and responsibilities are to:

- a) Serve as an independent and objective party to monitor the Company's financial reporting and internal control system and review the Company's financial statements.
- b) Review and appraise the performance of the Company's external auditors.
- c) Provide an open avenue of communication among the Company's auditors, financial and senior management and the Board of Directors.
- d) Provide guidance to the Company's management team and, in particular, the Chief Financial Officer, on appropriate disclosure, accounting and risk management practices and procedures.

2. COMPOSITION

The Committee shall be comprised of three Directors as determined by the Board of Directors, all of whom shall be "independent" directors as defined in section 1.4 of National Instrument 52-110 and free from any relationship that, in the opinion of the Board of Directors, would interfere with the exercise of his or her independent judgment as a member of the Committee.

At least one member of the Committee shall have accounting or related financial management expertise. All members of the Committee that are not financially literate will work towards becoming financially literate to obtain a working familiarity with basic finance and accounting practices. For the purposes of the Company's Charter, the definition of "financially literate" is the ability to read and understand a set of financial statements that present a breadth and level of complexity of accounting issues that are generally comparable to the breadth and complexity of the issues that can presumably be expected to be raised by the Company's financial statements.

The members of the Committee shall be elected by the Board of Directors as possible after its first meeting following the annual shareholders' meeting. Unless a Chair is elected by the full Board of Directors, the members of the Committee may designate a Chair by a majority vote of the full Committee membership.

3. MEETINGS

The Committee shall meet at least twice annually, or more frequently as circumstances dictate. As part of its job to foster open communication, the Committee will meet at least annually with the Chief Financial Officer and the external auditors and, if requested by the Committee, in separate sessions.

4. RESPONSIBILITIES AND DUTIES

To fulfill its responsibilities and duties, the Committee shall:

Documents/Reports Review

- a) Periodically review and update this Charter.
- b) Review the Company's financial statements, MD&A and any annual and interim earnings, press releases before the Company publicly discloses this information and any reports or other financial information (including quarterly financial statements), which are submitted to any governmental body, or to the public, including any certification, report, opinion, or review rendered by the external auditors.

External Auditors

- a) Review annually, the performance of the external auditors who shall be ultimately accountable to the Board of Directors and the Committee as representatives of the shareholders of the Company.
- b) Obtain annually, a formal written statement of external auditors setting forth all relationships between the external auditors and the Company, consistent with Independence Standards Board Standard 1.
- c) Review and discuss with the external auditors any disclosed relationships or services that may impact the objectivity and independence of the external auditors.
- d) Take, or recommend that the full Board of Directors take, appropriate action to oversee the independence of the external auditors.
- e) Recommend to the Board of Directors the selection and, where applicable, the replacement of the external auditors nominated annually for shareholder approval.
- f) At each meeting, consult with the external auditors, without the presence of management, about the quality of the Company's accounting principles, internal controls and the completeness and accuracy of the Company's financial statements.
- g) Review and approve the Company's hiring policies regarding partners, employees and former partners and employees of the present and former external auditors of the Company.
- h) Review with management and the external auditors the audit plan for the year-end financial statements and intended template for such statements.
- i) Review and pre-approve all audit and audit-related services and the fees and other compensation related thereto, and any non-audit services, provided by the Company's external auditors. The pre-approval requirement is waived with respect to the provision of non-audit services if:
 - i. the aggregate amount of all such non-audit services provided to the Company constitutes not more than twenty percent of the total amount of revenues paid by the Company to its external auditors during the fiscal year in which the non-audit services are provided;
 - ii. such services were not recognized by the Company at the time of the engagement to be non-audit services; and
 - iii. such services are promptly brought to the attention of the Committee by the Company and approved prior to the completion of the audit by the Committee

or by one or more members of the Committee who are members of the Board of Directors to whom authority to grant such approvals has been delegated by the Committee.

Provided the pre-approval of the non-audit services is presented to the Committee's first scheduled meeting following such approval such authority may be delegated by the Committee to one or more independent members of the Committee.

5. FINANCIAL REPORTING PROCESSES

- a) In consultation with the external auditors, review with management the integrity of the Company's financial reporting process, both internal and external.
- b) Consider the external auditors' judgments about the quality and appropriateness of the Company's accounting principles as applied in its financial reporting.
- c) Consider and approve, if appropriate, changes to the Company's auditing and accounting principles and practices as suggested by the external auditors and management.
- d) Review significant judgments made by management in the preparation of the financial statements and the view of the external auditors as to appropriateness of such judgments.
- e) Following completion of the annual audit, review separately with management and the external auditors any significant difficulties encountered during the course of the audit, including any restrictions on the scope of work or access to required information.
- f) Review any significant disagreement among management and the external auditors in connection with the preparation of the financial statements.
- g) Review with the external auditors and management the extent to which changes and improvements in financial or accounting practices have been implemented.
- h) Review any complaints or concerns about any questionable accounting, internal accounting controls or auditing matters.
- i) Review certification process.
- j) Establish a procedure for the confidential, anonymous submission by employees of the Company of concerns regarding questionable accounting or auditing matters.

6. RISK MANAGEMENT

- a) To review, at least annually, and more frequently, if necessary, the Company's policies for risk assessment and risk management (the identification, monitoring, and mitigation of risks).
- b) To request the external auditor's opinion of management's assessment of significant risks facing the Company and how effectively they are being managed or controlled.
- c) To assess the effectiveness of the over-all process for identifying principal business risks and report thereon to the Board.

7. OTHER

Review and approve any related-party transactions and material asset dispositions.