

MANAGEMENT'S DISCUSSION AND ANALYSIS FOR THE THREE AND NINE MONTHS ENDED JUNE 30, 2022

Contents

- 1 Introduction
- 2 Overview
- 3 Financial and Project Highlights
- 4 Outlook
- 5 Significant Transactions During the Period
- 6 Review of Operations Chvaletice Manganese Project
- 7 Quarterly Financial Review
- 8 Liquidity and Capital Resources
- 9 Related Party Transactions
- 10 Outstanding Share Data
- 11 Significant Accounting Policies, Estimates and Judgments
- 12 Financial Instruments and Financial Risk Management
- 13 Internal Controls over Financial Reporting and Disclosure Controls and Procedures
- 14 Forward-Looking Statements and Risks Notice

1. Introduction

The principal business and current focus of Euro Manganese Inc. (the "Company" or "EMN") is the proposed development of the Chvaletice Manganese Project (the "Project"), in which the Company has a 100% ownership interest. The Project involves the re-processing of a readily leachable manganese deposit hosted in the tailings of a decommissioned mine in the Czech Republic. The Company's goal is to produce high-purity manganese products in an economically, socially and environmentally-sound manner, principally for use in lithium-ion batteries.

EMN was incorporated under the British Columbia Business Corporations Act on November 24, 2014. The Company's corporate offices are located at 700 West Pender Street, Suite 709, Vancouver, B.C., Canada, and its registered offices are located at 666 Burrard Street, Suite 1700, Vancouver, B.C., Canada. The Company's common shares are traded on the TSX Venture Exchange ("TSX-V") and on the OTC Best Market ("OTCQX") under the symbols "EMN.V" and "EUMNF", respectively. CHESS Depositary Interests ("CDIs", with each CDI representing one common share) are traded on the Australia Securities Exchange ("ASX") under the symbol "EMN.AX".

This management's discussion and analysis ("MD&A") of the financial condition and results of operations of the Company, prepared as of August 11, 2022, is intended to be read in conjunction with the Company's audited consolidated financial statements for the year ended September 30, 2021 and the Company's unaudited condensed consolidated interim financial statements for the three and nine months ended June 30, 2022, and the related notes thereto, which have been prepared in accordance with International Financial Reporting Standards ("IFRS"), as issued by the International Accounting Standards Board ("IASB"), applicable to the preparation of interim financial statements, including IAS 34 *Interim Financial Reporting*.

Additional information relating to the Company, including the Annual Information Form for the year ended September 30, 2021, is available on SEDAR at <u>www.sedar.com</u>, and on the Company's website <u>www.mn25.ca</u>.

The technical information in this MD&A concerning the Chvaletice Manganese Project was prepared under the supervision of Ms. Andrea Zaradic, P. Eng., a Qualified Person under the National Instrument 43-101 *Standards of Disclosure for Mineral Projects* ("NI 43-101").

This MD&A contains "forward-looking statements" that are subject to risk factors as set out in a cautionary note contained in section 14. The financial information presented in this MD&A is in Canadian dollars, unless otherwise stated.

2. Overview

The Chvaletice Manganese Project is located in the Czech Republic, within the townships of Chvaletice and Trnavka, in the Labe River valley, approximately 90 kilometres to the east of the country's capital, Prague. The Project site is adjacent to established infrastructure, including an 820-megawatt power station that supplies the Czech Republic's national grid, a major railway line, a highway and a natural gas line. The surrounding region is industrialized and skilled labour is expected to be available from local markets. The Project resource is contained in flotation 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 tailings were deposited from historical milling operations for the recovery of pyrite used for the production of sulfuric acid. The tailings, which consist of three separate piles ranging from 12 to 28 meters in thickness, cover a cumulative surface area of approximately one square kilometre.

The Company has significantly advanced the Project since 2015 and believes that the Project's environmentally-friendly tailings reprocessing to produce ultra-high-purity manganese products should enable it to become Europe's only primary producer of such products, with a best-in-class environmental footprint. The Project is also expected to result in the environmental remediation of a polluted former mine site, bringing it into full compliance with modern Czech and European Union environmental standards and regulations.

2. Overview (continued)

The Project is targeting production of ultra-high-purity electrolytic manganese metal ("HPEMM") with specifications exceeding 99.9% Mn and ultra-high-purity manganese sulphate monohydrate ("HPMSM") with a minimum manganese content of 32.34%, both of which exceed typical industry standards. These products will be selenium, fluorine and chromium-free and are designed to contain very low levels of deleterious impurities.

HPEMM and HPMSM are critical components of Li-ion batteries and few sources of manganese are suitable for the sustainable and economic production of high-purity manganese products. As such, demand for high-purity manganese products is growing rapidly, fueled largely by the Li-ion and electric vehicle ("EV") markets. The Company has entered into five technical and commercial collaboration memorandums of understanding ("MOU") with consumers of high-purity manganese products, intended to result in the supply chain qualification of the Project's products and the eventual offtake of high-purity manganese products from the Project. The Company is also in active discussions and negotiations with several other parties, including battery, chemical and automobile manufacturers, with the intent to enter into offtake contracts. A detailed overview of the high-purity manganese market can be found in section 6 of this MD&A.

The Company's wholly-owned subsidiary, Mangan Chvaletice s.r.o. ("Mangan") holds two licenses covering mineral exploration rights for the Project ("Licenses"), which are both valid until May 31, 2026. Mangan also holds a Preliminary Mining Permit, referred to by the Czech Ministry of Environment as the Prior Consent for the Establishment of a Mining Lease District, which is valid until May 31, 2026. The Preliminary Mining Permit represents one of the key steps towards final permitting for the Project, covers the areas included in the Licenses, and secures Mangan's exploration rights for the entire deposit. The establishment of the Mining Lease District, the application for the Final Mining Permit, and applications for permits relating to the construction of infrastructure and operation of a processing facility required for the Project, must be submitted and approved prior to any commercial extraction and processing activities at the Project.

The Company has experienced collaboration and support for the Project at various levels of the Czech Government, who approved the Company's application for certain significant investment incentives in the form of investment tax credits on eligible project expenditures, and in March 2020, issued a ruling under European Union's Natura 2000 which determined that the Project is not expected to adversely impact endangered and protected species habitat.

The area of interest for the Project overlies several 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 landowners whose surface properties underlie the tailings. At present, Mangan does not hold all surface rights to the Project area, which includes those parcels of land underlying and immediately surrounding the three tailings deposits. However, in June 2022, the Company and the Municipality of Chvaletice signed a land rental agreement, granting the Company access to a portion of the tailings surface area (section 3 of this MD&A). Additionally, Mangan signed a land purchase agreement with the owners of certain land parcels which are adjacent to the tailings area and provide additional room and flexibility for the Chvaletice residue storage facility layout (section 3 of this MD&A).

The Company is currently negotiating the acquisition of the remaining surface rights; however, there is no assurance that access to the remaining areas will be secured. Mangan has signed an option agreement giving it the right to acquire 100% of a company that owns a 19.94-hectare parcel of land intended to be the site of Mangan's ultra-high-purity processing plant (section 6 of this MD&A). The Company also agreed to acquire rights to several additional strategic parcels of land, completing its land assembly for the proposed Chvaletice commercial plant.

2. Overview (continued)

The land for the proposed processing plant is already zoned for industrial use. On March 23, 2022, the Village of Trnavka ("Trnavka"), on which approximately 85% of the Project's tailings are located, formally approved the rezoning of such land for mining use. Trnavka is the closest residential area and lies just to the east of the Project. The rezoning demonstrates continued support from Trnavka, which previously sold the Company a 2.96-hectare strip of land adjacent to the Project's tailings hosted deposit. The remaining area of the underlying land falls under the authority of the Municipality of Chvaletice ("Chvaletice"), which lies just to the west of the Project. The Municipality previously voted unanimously to approve the initiation of the rezoning process under its municipal land use plans. This process is progressing, and the Company anticipates that the rezoning of the Chvaletice land underlying the Project's tailings deposit to be formally approved for mining by the end of calendar 2022.

The Company announced the results of its feasibility study on July 27, 2022 ("Feasibility Study"), including the conversion of 98.4% of the Mineral Resources into Mineral Reserves. The results of the Feasibility Study for the Project are summarized in section 6 of this MD&A.

The Company has commenced work on a North American growth strategy and is evaluating several opportunities to supply HPEMM and HPMSM into the North American market, leveraging the engineering design work completed from the Chvaletice Project. This work is of an exploratory nature and the Company will provide an update when, and if, this work crystallizes material results.

The Company continues to monitor the impact of the COVID-19 pandemic which significantly affected capital and operating input prices in the Feasibility Study, supply chain lead times, and debt and equity markets. While the Company adopted a number of measures in response to the pandemic, it has experienced delays, largely as a result of travel restrictions and supply chain disruptions. Despite the easing of travel and other restrictions, the duration of the pandemic and its impact on the Company and the global economy remains uncertain, especially in light of the sporadic surges in COVID-19 cases around the world. Additionally, the Russia-Ukraine conflict which began on February 24, 2022 has further impacted supply chain lead times and caused additional disruptions in Europe and elsewhere. The duration of this conflict and its impact on the Company also remain uncertain, although it is to note the Czech Republic is a member of both the European Union and NATO.

3. Financial and Project Highlights in the Three Months Ended June 30, 2022 and to the Date of this MD&A

- On August 2, 2022, the Company announced the highlights of the Life Cycle Assessment ("LCA") completed for the Chvaletice Manganese Project, confirming the environmental credentials of the Project, namely its low carbon footprint and benefits of remediating the historic tailings area, where the quality of soil and freshwater improve over the lifetime of the Project.
- On July 27, 2022, the Company announced positive Feasibility Study base case results for the Chvaletice Manganese Project supporting a 25-year project life with robust economics having an after-tax net present value ("NPV") of US\$1.34 billion at an 8% real discount rate and an ungeared 21.9% IRR and pre-tax NPV of US\$1.75 billion at 8% real discount rate and an ungeared 24.9% IRR. Based on HPMSM and HPEMM price forecasts prepared by CPM Group LLC ("CPM Group"), a leading, independent commodities market research firm with expertise in high-purity manganese, the upside case shows an after-tax NPV of US\$1.79 billion at an 8% real discount rate and an ungeared 24.1% IRR.
- Following the release of the Feasibility Study, the Company began the process of preparing an Engineering, Procurement, Construction Management ("EPCM") tender package for the next stage of Project development. Tender release is anticipated to be in September 2022, with EPCM award anticipated in the first calendar quarter of 2023.

3. Financial and Project Highlights in the Three Months Ended June 30, 2022 and to the Date of this MD&A (continued)

- Following the quarter end, the Company was approved to receive advisory services and up to \$165,000 in funding from the National Research Council of Canada Industrial Research Assistance Program. The funding supports the initiative the Company is undertaking with Nano One® Materials Corp., Metal direct to Cathode Active Material, as well as the evaluation of the manganese metal by-product from the battery black mass recycling.
- The demonstration plant modules arrived in Europe. One of the two shipments of the demonstration plant modules was unloaded in early August at the Port of Hamburg and the second shipment is currently scheduled to be unloaded later in August 2022. Congestion and strikes at the Port of Hamburg delayed the arrival and unloading of the demonstration plant shipments, originally anticipated in July.
- On July 19, 2022, the Company announced its membership of the Global Battery Alliance ("GBA"), a
 partnership of leading organizations from across the battery value chain, governments, academics and
 NGOs who have mobilized to ensure that battery production not only supports green energy, but also
 safeguards human rights and promotes environmental sustainability.
- On June 27, 2022, the Company appointed Stifel Nicolaus Europe Limited, a wholly owned subsidiary of Stifel Financial Corp. (NYSE:SF) ("Stifel") as financial advisor to assist with the structuring and securing of project financing for the development of the Chvaletice Manganese Project.
- On June 7, 2022, the Company signed an agreement with Helot, spol. s.r.o. and Ing. Martin Vanek to acquire several land parcels aggregating 78,437m². These land parcels are adjacent to the tailings area and provide additional room and flexibility for the Chvaletice residue storage facility layout. The total cost of the land is 54,327,751 Czech Koruna (approximately \$3.0 million).
- On June 6, 2022, the Company and the Municipality of Chvaletice signed a land access agreement via rental of the land to the Company until the earlier of a 40-year period or upon remediation of the land. The annual rental of 7.46 million Czech Koruna (approximately \$420,000), adjusted for inflation based on the average annual Czech consumer price index for the 12 months of the previous calendar year. The Agreement grants the Company access to a portion of the tailings surface area.
- On April 25, 2022, the Company appointed Ms. Hanna Schweitz to its Board of Directors, who brings significant experience in the metals and EV battery materials industry, which will be invaluable to the Company as it moves forward with the development of the Chvaletice Manganese Project in the Czech Republic, within the European Union.

4. Outlook

The Company has secured what is expected to be sufficient funding to complete the evaluation and predevelopment work on the Project, including the completion of its NI 43-101 feasibility study report and the related 43-101 and JORC Code technical reports, environmental studies, permitting, the commissioning of the Chvaletice demonstration plant and its operation for one year. Additional funding will be required for the continuous operation of the demonstration plant, additional land acquisitions, as well as the potential future construction of infrastructure and facilities for the Project (section 8 of this MD&A).

The following are the Company's short-term priorities:

- production and delivery of small samples of high-purity manganese products from the pilot plant to allow prospective customers to continue or initiate their supply chain qualification;
- taking delivery of, installing, commissioning and operation of the demonstration plant to allow the Company to produce bulk, multi-tonne finished product samples for prospective customers' supply chain qualification;

4. Outlook (continued)

- preparation of the 43-101 and JORC Code technical reports for the Feasibility Study within 45 days of the release of the July 27, 2022 announcement;
- Rezoning of the remaining land area underlying the tailings for mining use, which the Company anticipates being approved by the Municipality of Chvaletice by the end of 2022;
- completion of the Project's environmental impact assessment process;
- continuing discussions and negotiations with potential customers to agree offtake contracts, as well as strategic and financial partners and government agencies, including those related to funding the development of the Project;
- negotiation and completion of certain land rights acquisition or access; and
- developing an optimum financing structure for the Chvaletice Manganese Project, which is dependent upon the above milestones being achieved.

Once permitted and offtake agreements have been entered into with the Company's prospective customers, and the remaining land access rights have been acquired, the Company intends to secure financing in order to commence construction of the full-scale commercial Chvaletice process plant and related infrastructure. The Company appointed Stifel in late June 2022 to assist with the structuring and securing of project financing for the Project and it believes that the capacity for project financing is likely to compare advantageously to the majority of projects given the Project's robust economics as demonstrated in the Feasibility Study; its in-demand products; its safe jurisdiction; quality of potential offtake agreements that are possible in the EV battery industry; the unique environmental credentials and benefits of the Project; strategic position within the European battery supply chain; and the indication of strong support from leading European financial institutions. The Project's debt capacity would be influenced by: the bankability of offtake agreements and any available price downside protection; government, Export Development Agency and European Union credit guarantees of debt; sponsorship by customers through advances, prepayments on offtake agreements and / or equity or debt contribution; and potential cost overrun protection provided by an EPCM counterparty.

5. Significant Transactions During the Nine Months Ended June 30, 2022

The Company did not complete any additional transactions in the three and nine months ended June 30, 2022 other than those described in section 3 of this MD&A.

6. Review of Operations - Chvaletice Manganese Project

Feasibility Study and Environmental Impact Assessment

On July 27, 2022, the Company announced the results of its Feasibility Study. The Feasibility Study was prepared by Tetra Tech Canada Inc. ("Tetra Tech"), an independent engineering services group with extensive experience in mineral processing, tailings management and mining. Tetra Tech oversaw the project, the resource and reserve estimates and the design of the mine and residue storage facility. BGRIMM Technology Group (a division of Beijing General Research Institute of Mining and Metallurgy) ("BGRIMM") acted as lead process plant design engineer as well as completed validation bench scale test work required in order to finalize the process flowsheet. Tractebel Engineering a.s. provided Czech and European cost inputs, localization, and GET s.r.o ("GET") and Bilfinger Tebodin Czech Republic provided environmental services. Sudop Praha a.s. provided railway infrastructure design.

The Feasibility Study is based on a Proven and Probable Reserve Estimate that will be detailed in the updated NI 43-101 Technical Report on the Chvaletice Manganese Project. The NI 43-101 report will include results of the Feasibility Study and be filed within 45 days of the Feasibility Study announcement on SEDAR at www.sedar.com and made available on the Company's website. The JORC Technical Report is expected to be lodged with the ASX within the same time period.

The highlights of the feasibility study are as follows:

- Conversion of the Mineral Resource to a 27 million tonne Proven and Probable Reserve (98.3% Proven) with a grade averaging 7.41% Mn.
- Recycling of the historic tailings without the requirement of any hard rock mining, crushing or milling.
- 25-year project operating life producing 1.19 million tonnes of HPEMM, approximately two-thirds of which is expected to be converted into HPMSM, with the flexibility to supply either product to suit customer preference.
- Saleable product includes 2.5 million tonnes of HPMSM (32.34% Mn) and 372,300 tonnes of HPEMM (99.9% Mn) over the life of project, averaging 98,600 tonnes of HPMSM and 14,890 tonnes of HPEMM annually, principally focused on Europe's rapidly growing EV battery industry.
- Base case after-tax NPV of US\$1.34 billion and pre-tax NPV of US\$1.75 billion, using an 8% real discount rate and risk-adjusted base case price forecast.
- Ungeared after-tax Internal IRR of 21.9% with a 4.1-year payback period; and an ungeared pre-tax IRR of 24.9% with a 3.6-year payback period.
- Initial capital ("Capex") of US\$757.3 million, including contingencies of US\$103.2 million (US\$78.4 million on direct costs and US\$24.8 million of growth capital).
- Sustaining capital ("Sustaining Capex") of US\$117.0 million over the 25-year life of project.
- Life of project revenues of US\$13.9 billion with gross revenues expected to average US\$554 million per year over the 25-year project life.
- Project earnings before interest, taxes, depreciation and amortization ("EBITDA") and annual average EBITDA forecasted to be US\$8.1 billion and US\$326 million respectively, averaging 58.8% EBITDA over the life of project.
- Base case project economics are based on Tetra Tech adoption of a risk-adjusted short-term price forecast that follows CPM Group's forecast for HPMSM and HPEMM to 2031 and then holds prices flat over the remaining life of project, resulting in average prices of \$4,019 per tonne of HPMSM containing 32.34% Mn and \$10,545/t of HPEMM containing 99.9% Mn.
- CPM Group's unaltered price forecast was used as the upside case in the Feasibility Study sensitivity analysis with average life of project prices of \$4,509/t for HPMSM and \$12,075/t for HPEMM.
- Using the upside CPM Group price forecast for HPMSM and HPEMM, after-tax NPV_{8%} increases to US\$1.79 Billion, with an ungeared IRR of 24.1%.
- Project has access to excellent transportation, energy and community infrastructure. Proposed process plant site to be located in an industrially-zoned brownfield site, where a historical process plant generated the Chvaletice tailings.

- Exceptional green project credentials resulting in a significant remediation of the Chvaletice tailings site, arresting the ongoing pollution related to historical tailings disposal activities.
- Opportunities exist to enhance returns through process optimization initiatives and various government investment incentives and financial support programs that may be available.

Resource and Reserve Estimate

a. Resource Estimate

Tetra Tech was engaged to oversee the planning and execution of sampling and assaying, to prepare the Resource Estimate for EMN's Chvaletice Manganese Project, to prepare the Technical Report in accordance with NI 43-101 - Standards of Disclosure for Mineral Projects ("NI 43-101"), and to prepare the independent JORC Code technical report in accordance with the Joint Ore Reserves Committee Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves 2012 Edition ("JORC Code"). The 43-101 Technical Report, entitled "Technical Report and Mineral Resource Estimate for the Chvaletice Manganese Project, Chvaletice, Czech Republic", with an effective date of December 8, 2018 (the "Mineral Resource Estimate"), was filed on SEDAR on January 28, 2019. No additional drilling or data collection pertaining to the technical disclosure of mineral inventory has been undertaken since the completion of the Mineral Resource Estimate, and the effective date for the Mineral Resource Estimate is revised to July 1, 2022. The Project's combined Measured and Indicated Mineral Resources amount to 26,960,000 tonnes, grading 7.33% total manganese as detailed in table below.

Tailings Cell #	Classification	Dry In-situ Bulk Density (t/m ³)	Volume (x1,000 m ³)	Tonnage (kt)	Total Mn (%)
#1	Measured	1.52	6,577	10,029	7.95
	Indicated	1.47	160	236	8.35
#2	Measured	1.53	7,990	12,201	6.79
	Indicated	1.55	123	189	7.22
#3	Measured	1.45	2,942	4,265	7.35
	Indicated	1.45	27	39	7.90
Total	Measured	1.51	17,509	26,496	7.32
	Indicated	1.50	309	464	7.85
Combined	Measured and Indicated	1.51	17,818	26,960	7.33

Notes:

1. Estimated in accordance with the Canadian Institution of Mining ("CIM") Definition Standards on Mineral Resources and Mineral Reserves adopted by CIM Council, as amended, which are materially identical to JORC Code.

2. The Chvaletice Mineral Resource has a reasonable prospect for eventual economic extraction. Mineral Resources do not have demonstrated economic viability.

3. Indicated Resources have lower confidence that Measured Resources.

 A break-even grade of 2.18% total Mn has been estimated for the Chvaletice deposit based on preliminary preconcentration operating costs of US\$6.47/t feed, leaching and refining operating cost estimates of US\$188/t feed, total recovery to HPEMM and HPMSM of approximately 60.5% and 58.9%, respectively, and product prices of US\$9.60 kg/t for HPEMM and US\$3.72 kg/t for HPMSM (CPM Group Report, June 2022). The actual commodity price for these products may vary.
 A cut-off grade has not been applied to the block model. The estimated break-even cut-off grade falls below the grade of

5. A cut-off grade has not been applied to the block model. The estimated break-even cut-off grade falls below the grade of most of the blocks (excluding 5,000 tonnes which have grades less than 2.18% total Mn). It is assumed that material segregation will not be possible during extraction due to inherent difficulty of grade control and selective mining for this deposit type.

6. Grade capping has not been applied.

7. Numbers may not add exactly due to rounding.

b. Reserve Estimate

Mineral Reserves for the Project are based on the Measured and Indicated Resource and adhere to the guidelines set by the Canadian Institute of Mining ("CIM"), NI 43-101 and the CIM Best Practices. Material economic modifying factors were applied to each block in the block model including mined grade, contained metal, recovery rates for HPEMM and HPMSM, mining operating cost, processing cost (including EMM to MSM conversion cost), residue placement cost, general and administrative costs, site service costs, water treatment, shipping cost, product insurance, and royalties. The Project's combined Proven and Probable Mineral Reserve (effective July 14, 2022) amount to 26,644,000 tonnes, grading at 7.41% total manganese as detailed in the following table:

Tailings Cell #	Classification	Dry In-situ Bulk Density (t/m³)	Volume (m³)	Tonnage (metric tonnes)	Total Mn (%)
#1	Proven	1.51	6,651	10,132	7.83
	Probable	1.52	141	208	8.24
#2	Proven	1.53	7,929	12,106	6.91
	Probable	1.54	199	183	7.35
#3	Proven	1.46	2,744	3,979	7.49
	Probable	1.46	25	36	7.98
Total	Proven	1.50	17,325	26,217	7.35
	Probable	1.51	284	427	7.84
Combined	Proven and Probable	1.51	17,609	26,644	7.41

Notes:

- 1. Estimated in accordance with the CIM Definition Standards on Mineral Resources and Mineral Reserves adopted by CIM Council, as amended, which are materially identical to the JORC Code.
- 2. The Mineral Resource is inclusive of the Mineral Reserves.
- 3. Probable Reserves have lower confidence than Proven Reserves. Inferred Resources have not been included in the Reserves.
- 4. A break-even grade of 2.18% total Mn has been estimated for the Chvaletice deposit based on preliminary preconcentration operating costs of \$6.47/t feed, leaching and refining operating cost estimates of \$188/t feed, total recovery to HPEMM and HPMSM of approximately 60.5% and 58.9% respectively and product prices of US\$9.60 kg/t for HPEMM and US\$3.72 kg/t for HPMSM (CPM Group Report, June 2022). The actual commodity price for these products may vary.
- 5. Grade capping has not been applied.
- 6. Numbers may not add exactly due to rounding.
- 7. Minimal dilution and losses of <1% are expected to occur at the interface between the lower bounds of the tailings cells and original ground as the surface is uneven.

Life Cycle Assessment

On August 2, 2022, the Company released the highlights from a recently completed LCA for the Chvaletice Manganese Project. Euro Manganese engaged Minviro Ltd. ("Minviro"), a UK-based and globally recognized sustainability and life cycle assessment consultancy, and RCS Global Ltd. ("RCS Global"), a leading global auditor of battery material supply chains, to conduct a cradle-to-gate, critically reviewed study quantifying the environmental impacts, including the carbon footprint, of producing high-purity manganese products from manganese-rich historic mine tailings at the Chvaletice Manganese Project.

The results of the LCA validate the environmental value proposition of the Chvaletice Manganese Project including multiple environmental benefits from the remediation of the historic tailings area, particularly in terms of soil quality and freshwater quality. Both improve over the lifetime of the Project as remediation avoids the current leaching of metals and reduces the impacts of the historic tailings to soil and water streams. The Company plans to use 100% renewable electricity, which reduces the Global Warming Potential of the project by half compared to the use of non-renewable electricity. Opportunities exist to further reduce the Chvaletice Manganese Project's carbon footprint by sourcing reagents from manufacturers with lower environmental impact than those assumed in the study. The Company is committed to identifying and selecting suppliers with commitments to decarbonization.

Delivery of the LCA is timely as Euro Manganese continues to engage with customers in the EV battery/ automotive space, each of whom are testing and qualifying both the chemistry and environmental credentials of the Company's high-purity manganese products.

The LCA was conducted according to the requirements of ISO-14040:2006 and ISO-14044:2006, which included a critical review by an independent LCA expert, and will provide Euro Manganese with an independently verified assessment for financiers and customers. RCS Global also reviewed and commented on the LCA study. Minviro is also undertaking a benchmarking exercise where the Project's Global Warming Potential will be compared against similar projects and operations producing high-purity manganese products. The Company intends to release the results of this analysis once complete.

Environmental and Social Impact Assessment

In 2019-2020, Bilfinger conducted the Preliminary Environmental and Social Impact Assessment ("EIA Notification") as the first stage of environmental assessment of the Project. Several detailed expert studies were prepared including a comprehensive site-wide Biological Survey, a detailed Air Dispersion model and Study, an Acoustic/Noise Impact Study, a Road and Rail Transportation Study, a site wide Hydrogeological Survey, a Health Impact Assessment, an Impact on Landscape Character study and a Reclamation and Remediation Study. A screening decision summarizing all received comments on the Company's EIA Notification was published by the Czech Ministry of Environment ("MoE") in December 2020.

No crucial objections and comments were raised within the first phase of the Project's environmental impact assessment (screening procedure). Requirements arising from the first stage of environmental and social assessment were incorporated into the Feasibility Study and Project Design. Documentation for the second and final stage of the Project's Environmental and Social Impact Assessment ("ESIA") is being concluded and is expected to be submitted to the MoE in September 2022, which could potentially enable final environmental permitting for the Project in the first half of 2023.

Commercial and Demonstration Plant Progress Update

The Company is progressing the construction of the Chvaletice demonstration plant, which is intended to produce the equivalent of 32kg per day of HPEMM or 100kg per day of HPMSM, and will deliver high-purity manganese products to interested prospective customers for testing and qualification. It will also enable process optimization and testing for final product development and serve as a testing and training facility for future operators. The demonstration plant is expected to operate for up to three years and will also be available for testing of potential additional feedstock for the commercial plant.

As a result of the Russia-Ukraine conflict, the Company was required to change the transport of the demonstration plant from rail to a combination of ocean freight and rail. The demonstration plant was shipped in two batches in April and May 2022, comprising a total of 12 containers. One of the two shipments of the demonstration plant modules was unloaded at the Port of Hamburg in early August 2022 and the second shipment is currently scheduled to be unloaded later in August 2022. Congestion and strikes at the Port of Hamburg delayed the arrival and unloading of the demonstration plant shipments, originally anticipated in July. Once unloaded at the port, the containers will be delivered to the Project site in the Czech Republic by rail, after which assembly and commissioning will commence. Accordingly, the Company is targeting the completion of commission and the start of production from the demonstration plant in October 2022 and first delivery of samples to customers expected later in the calendar Q4 2022 or early calendar Q1 2023.

The work to upgrade two leased industrial buildings at the planned commercial plant site which will host the demonstration plant is complete and awaiting the arrival of the demonstration plant.

The Company estimates that the cost, including fabrication, delivery, commissioning, laboratory set-up and an operator training program, as well as the cost of operation for one year, will be approximately US\$5.8 million (\$7.7 million). To the date of this MD&A, the Company made total payments of US\$1.6 million (\$1.9 million) for the demonstration plant and incurred additional expenses of \$1.7 million for permitting and site preparation.

Approximately 55% of the demonstration plant's planned first year production has been allocated to several customers for testing and qualification. These parties and their markets include: a global leading participant in the lithium-ion battery supply chain, for use in NMC cathodes; a company focused on large scale lithium-ion battery manufacturing, for use in NMC cathodes; a global chemicals and specialty materials company, for use in metal hydride for hybrid automobile anodes; and JFE Corporation, a leading Japanese steel producer, for use in specialty steel applications.

In conjunction with testing and evaluation by these and other parties, and subject to a production decision being made based on the results of the Feasibility Study, the Company is working towards establishing long-term commercial offtake arrangements for the supply of its high-purity manganese products. However, there can be no assurance that these discussions will lead to offtake agreements or commercial or strategic relationships in the near term, if at all. The Company continues to hold active discussions and negotiations with additional consumers of high-purity manganese products, which include battery, chemical and automobile manufacturers, in Asia, Europe and North America, and expects to allocate the remainder of the demonstration plant's initial year of production in the near term.

Following discussions with prospective customers, the Company made a decision to re-start its pilot plant in order to deliver product samples in advance of the production from the demonstration plant. This will allow prospective customers to continue or initiate their supply chain qualification of the Company's products in advance of larger samples. The pilot plant production run has been completed, producing approximately 37kg of HPEMM and 151kg of HPMSM. Samples will be made available to potential customers upon delivery to the Czech Republic and once Certificates of Analysis have been completed.

Option Agreement and Land Acquisitions

The Company, through its subsidiary, Mangan, has entered into an option agreement dated August 13, 2018 (the "EPCS Option Agreement") to acquire 100% of the equity of EP Chvaletice s.r.o. ("EPCS"), a small Czech steel fabrication company that owns a 19.94 hectare parcel of land. This land is located immediately south of the highway and rail line that bound the Chvaletice tailings deposit. It is also adjacent to the Chvaletice power plant and 1.7-hectare parcel of land and rail siding that was previously acquired by the Company. This strategic land parcel encompasses the intended site of its proposed processing plant. 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 Czech Koruna payable in four cash instalments, the first and second of which was paid on October 17, 2018, and August 13, 2021, respectively, each in the amount of 14 million Czech Koruna (\$815,000 and \$819,576, respectively). Additionally, on August 13, 2021, the Company exercised the option to extend the payment term of the following instalments by one year for a fee of 2.1 million Czech Koruna, payable with the next instalment.

On August 10, 2022, the Company made the third option payment of 42 million Czech Koruna (\$2,304,402) together with the fee for the extension of 2.1 million Czech Koruna (\$115,220).

The Company can complete the acquisition of EPCS by making making the final instalment of 70,000,000 Czech Koruna (approximately \$3.80 million at June 30, 2022), due upon receipt of all development permits for the Chvaletice Manganese Project, but no later than five years after signing the EPCS Option Agreement on August 13, 2023.

The Company entered into the following agreements to acquire rights to three additional strategic parcels of land, completing its land assembly for the proposed Chvaletice commercial plant:

- i. Purchase from the owner of the nearby Chvaletice power plant, a 1,952 m² section of land encompassing Rail Spur no. 1, through which the proposed Chvaletice process plant will be serviced and connected to existing rail infrastructure. This acquisition is particularly important for the Project, as it provides the Company with a second rail connection, through the existing rail siding of the neighboring power plant. This is expected to provide greater logistical capacity and flexibility for the Project. The cost of the land is 252,762 Czech Koruna (approximately \$14,000). The acquisition of this section of land was completed on April 15, 2021.
- ii. Purchase of a 49,971 m² parcel of land, including a rail spur extension that will provide additional room and flexibility for the definitive Chvaletice commercial plant layout. The cost of the land is 18,739,125 Czech Koruna (approximately \$1.1 million) and can be paid in five 7.5% annual instalments (approximately \$80,000), followed by the remaining balance of approximately \$700,000 in the final year. The first instalment was refundable, subject to a positive environmental due diligence of the site, which was obtained in January 2021. Thereafter, the Company has the option to terminate the contract after the third instalment. At September 30, 2021, the Company recognized a liability for the two payments due in October 2021 and 2022 in the total amount of \$164,304. In October 2021, the Company paid \$82,152 of this amount. At June 30, 2022, the remaining balance was revalued at \$77,156.
- iii. Lease of a 3,504 m² right-of-way for a period of 30 years, with a one-month cancellation notice period, to allow the straightening of a proposed conveyor route. Annual rental will be 60,000 Czech Koruna (approximately \$3,000) and the Company will retain an option to purchase this land.

The area of interest for the Project overlies several privately-owned land parcels with surface rights. To date, Mangan has received the consent to access the site from the landowners whose surface properties underlie the tailings. The Company and the Municipality of Chvaletice, being the landowners, signed a land access agreement via rental of the land to the Company until the earlier of a 40-year period or upon remediation of the land. The annual rental of 7.46 million Czech Koruna (approximately \$420,000), adjusted for inflation based on the average annual Czech consumer price index for the 12 months of the previous calendar year. The land rental agreement is effective as of July 1, 2022. The first rental payment of the annual proportionate amount of 3.7 million Czech Koruna (\$204,000) was made on July 28, 2022.

On June 7, 2022, the Company also paid the first instalment of \$516,452 pursuant to the agreement with Helot, spol. s.r.o. and Ing. Martin Vanek to acquire 78,437m² in total consisting of several land parcels adjacent to the tailings area that provide additional room and flexibility for the Chvaletice residue storage facility layout. The total cost of the land is 54,327,751 Czech Koruna (approximately \$3.0 million). The first instalment of \$516,452 was paid on June 22, 2022. The remaining amount will be paid in two instalments of approximately \$516,000 and \$1,918,000 in January 2023 and 2024, respectively.

The Company is currently negotiating the acquisition of the balance of the surface rights with the remaining two landowners; however, there can be no assurance that access to the remaining areas will be secured.

High-Purity Manganese Market Overview

High-performance Li-ion batteries are being increasingly used in EVs and other energy storage applications. The manufacturing processes and formulations for Li-ion batteries require reliable, high-purity sources of manganese and other battery raw materials to ensure that the batteries meet increasingly demanding performance, safety and durability standards.

The dominant Li-ion battery cathode chemistry used in EVs is nickel-manganese-cobalt ("NMC"), which accounted for nearly half of all Li-ion batteries produced in 2021, measured by megawatt hours ("MWh"). The amount of these metals can vary within the NMC family, such as NMC811, which is 80% nickel, 10% manganese and 10% cobalt. With the rising raw material prices, battery companies are seeking to reduce the cost of the batteries. Increasing the content of manganese, the least expensive of these battery metals, is gaining traction. These are known as manganese-rich chemistries, i.e. BASF has recently announced plans to scale up production of NMC370, 30% nickel, 70% manganese and no cobalt.

Additionally, high-purity manganese is now being added to lithium-iron-phosphate ("LFP") chemistries, creating a new family of lithium-manganese-iron-phosphate ("LMFP") chemistries with improved performance, it is understood the manganese content of LMFP could be as high as 60%. Contemporary Amperex Technology Co., Limited ("CATL"), China's largest battery producer and Tesla's main battery supplier, have reportedly added manganese to their LFP chemistry, increasing the battery's voltage, thus boosting its energy density by up to 20%. CATL is reportedly starting deliveries of new batteries with the LMFP cathodes to Tesla in the fourth quarter of 2022.

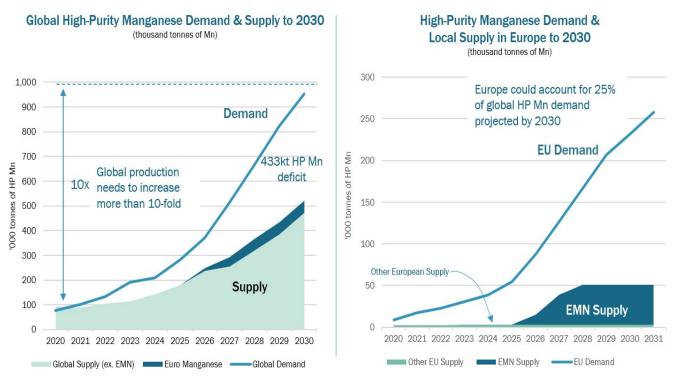
Only certain manganese ores can feasibly and sustainably be used for the specialty, high-end products of the battery industry. A critical factor is availability of the right quality ore in the right location. Carbonate ores, which are rare, are preferred for the production of high-purity manganese, although oxides can be used after roasting or chemical treatment using current commercial processes, resulting in a higher cost of reagents and energy, which can also cause environmental issues.

In connection with the preparation of the Feasibility Study, the Company commissioned the independent research and consultancy firm of CPM Group to provide an HPEMM and HPMSM (collectively described as "High-Purity Manganese" or "HPM") product market outlook study for the Project as follows:

- The market for HPMSM and HPEMM is forecast to be radically transformed as a result of the 'EV revolution'. Most lithium-ion batteries that power electric vehicles are expected to use manganese in their cathodes and these manganese-containing battery chemistries are expected to dominate the battery market for the next two decades.
- As a result, CPM Group expects the demand for high purity manganese to increase 13 times between 2021 and 2031 (from 90 kt to 1.1 million tonnes of Mn contained) and 50 times between 2021 and 2050 (to 4.5 million tonnes of Mn contained).

Third Quarter Ended June 30, 2022 | 14

- The total Mn market in 2022 is approximately 22 million tonnes, with Mn use currently dominated by the steel industry, however, high purity manganese suitable for the battery market makes up less than 0.5% of the global manganese market.
- The bottleneck in supply of HPMSM and HPEMM is the lack of high-purity refining capacity. Known
 expansions and new projects are unable to satisfy this demand. CPM Group forecast's the 2031 deficit
 to be 475kt Mn equivalent and if battery demand continues to grow as expected and no additional new
 projects come to the market, the deficit would increase to 1 million tonnes by 2037.



All rights reserved Cairn Energy Research Advisors and CPM Group ©2022

According to the International Manganese Institute, China produced only 4.2% of the 2021 global output of manganese ore (down 28% from the previous year), while retaining its dominant position as a supplier of highpurity manganese products – more than 91% of the HPMSM suitable for the battery industry originated in China in 2021. China relies heavily on imported ore, mainly from South Africa, Australia, Gabon and Ghana. At present, only about 2.5% of HPMSM suitable for the battery industry is produced in Europe. In discussions with prospective customers, the Company has learned that they are increasingly interested in diversifying their strategic raw material sourcing and wish to promote the creation of independent, local supply chains, particularly in regions such as Europe, where the automobile manufacturing industry employs over 14 million people directly and indirectly and where the automotive companies have made strong commitments to the electrification of their fleets.

Europe is rapidly becoming a major hub in the global electric car and battery industries, with 7 battery cell gigafactories (defined as >1GWh/annum of battery production) in operation now. Local supply chains are being built in Europe and apart from the convenient logistics, companies located within the European single market benefit from frictionless trading and additional benefits (e.g. 5% EU import tariff on imported manganese sulphate monohydrate has been only temporarily suspended until the end of 2023). According to announcements from the battery makers, by 2030 Europe should have 56 battery gigafactories, with more than 1,458 GWh of production capacity installed (30% of global capacity, second after China). CPM Group believes that the entire planned output of the Project can be consumed by the growing lithium-battery sector in Europe.

In addition to the highest product purity possible, European consumers of HPM expect the products they use to be traceable, having 'green credentials', and with a preference for locally sourced materials. The local supply chain in Europe is growing rapidly, and, in addition to the battery gigafactories under construction, will soon include 5 precursor makers, 4 electrolyte and separator factories, and 8 battery pack assembly plants. At least twelve of the gigafactories that consume manganese inputs are or will be located between 200 km and 500 km of the Project, as shown below.



Source: Cairn Energy Research Advisors and CPM Group ©2021

7. Quarterly Financial Review

The following table summarizes selected financial information for each of the eight most recently completed quarters, expressed in thousands of Canadian dollars, except for per share amounts:

As at the end of or for the period ending	Apr to Jun'22	Jan to Mar'22	Oct to Dec'21	Jul to Sep'21	Apr to Jun'21	Jan to Mar'21	Oct to Dec'20	Jul to Sep'20
	\$	\$	\$	\$	\$	\$	\$	\$
Cash	28,026	32,070	29,129	31,219	33,457	33,118	11,394	2,731
Total assets	42,280	44,800	41,589	43,336	44,472	37,276	15,449	5,808
Working capital ⁽¹⁾	26,839	30,676	23,341	26,078	27,821	32,877	11,372	2,922
Current liabilities	1,630	1,823	6,549	5,685	6,025	624	454	217
Revenue	-	—	—	—	—	—	_	—
Project evaluation expenses	1,303	1,582	1,409	1,437	1,724	1,305	484	409
Other expenses	1,804	1,673	1,763	1,256	1,342	1,165	826	894
Net loss attributable to shareholders	3,106	3,255	3,172	2,693	3,066	2,470	1,310	1,303
Net loss per share, basic and diluted, attributable to shareholders	0.01	0.01	0.01	0.01	0.01	0.01	_	0.01

⁽¹⁾ The additional non-GAAP financial measure of working capital is calculated as current assets less current liabilities.

Summary of major variations in quarterly financial activities:

The variation in quarterly evaluation expenditures is mainly attributed to the following:

- The quarters ended September 30, 2020, and December 31, 2020 were impacted by the COVID-19 pandemic, causing delays and deferrals of Feasibility Study work and significant cost cutting measures.
- During the two quarters leading up to the resumption of the Feasibility Study work and ordering of the demonstration plant in the last quarter of calendar 2020, the Company incurred project evaluation costs related to the commissioning of studies for the demonstration plant, the initiation of the planning stage of the Feasibility Study, and the advancement of the work on the Project's preliminary Environmental Impact Assessment ("EIA"). The preliminary EIA Notification was filed at the end of the quarter ended June 30, 2020, and the results of the review process were received in January 2021.
- In the six most recent quarters, the Company focused on progressing the Feasibility Study, preparation
 work and permitting of the demonstration plant and the preparation of the Final ESIA. In the quarter ended
 March 31, 2022, the Company settled the remaining liability for the royalty buy back, paying US\$1.8 million
 in cash and issuing 4.8 million of common shares in the total value of US\$1.8 million.

Fluctuations in the level of quarterly administrative expenditures is mainly attributed to the following:

- The quarters ended September 30, 2020, and December 31, 2020 were impacted by the COVID-19 pandemic, which resulted in significant cost cutting measures, including temporary salary adjustments, renegotiations, cancellations or interruptions of contracts and restricted travel.
- Other expenses for the most recent six quarters are higher as a result of an increase in filing and compliance fees relating to the private placements, and a higher number of employees in the corporate office in Canada. In the quarter ended December 31, 2021, increased remuneration costs are attributable to the change in the Company's CEO and to non-cash share-based payments in the period.

Euro Manganese Inc.

7. Quarterly Financial Review (continued)

Three months ended June 30, 2022 compared to the three months ended June 30, 2021

	Three months ended June 30,	
	2022	2021
(expressed in thousands of Canadian dollars, except per share data)	\$	9
Project evaluation expenses		
Engineering	490	1,186
Remuneration	306	186
Share-based compensation	77	118
Metallurgical	1	
Legal and professional fees	337	82
Geological	5	68
Market studies	33	31
Travel	67	
Drilling, sampling and surveys	_	47
Supplies and rentals	(13)	6
	1,303	1,724
Other expenses Remuneration	576	432
Share-based compensation	603	142
Total remuneration	1,179	574
Legal and professional fees	194	222
Investor relations	77	152
Product sales and marketing	19	36
Travel	95	2
Filing and compliance fees	81	70
Office, general and administrative	_	55
Accretion expense	6	5
Insurance	57	29
Conferences	14	22
Depreciation	48	36
Foreign exchange	33	139
	1,803	1,342
Loss and comprehensive loss for the period	3,106	3,066
Basic and diluted loss per common share	\$0.01	\$0.01

7. Quarterly Financial Review (continued)

Project evaluation costs for the three months ended June 30, 2022 and 2021, were \$1,302,511 and \$1,724,228, respectively. The decrease in cost over the comparative quarter in fiscal 2021 is due to the reduction of the level of work required on the Project as the Feasibility Study work neared completion. The main cost variances include: a decrease of \$696,436 in engineering costs which include environmental costs; a decrease of \$62,473 in geological costs and a decrease of \$47,499 in drilling, sampling and surveys as this part of the Feasibility Study work was completed in previous periods; a decrease of \$40,562 in share-based compensation due to partial vesting option grants in the third quarter of fiscal 2021 compared to no option grants in the comparative quarter in 2022; and a decrease in supplies and rentals of \$19,223. The overall decrease in project evaluation costs was partially offset by an increase of \$254,735 in legal and professional fees related mainly to land purchase negotiations; an increase of \$120,600 in remuneration as a result of hiring new employees in the Czech Republic; and an increase of \$66,827 as travel resumed in 2022 after the easing of COVID-19 restrictions in Europe.

The \$461,985 increase in administrative costs for the three months ended June 30, 2022, compared to the same period in 2021, is mainly attributable to: a \$144,048 increase in remuneration due to a higher number of employees in the corporate office in Canada; an increase of \$461,236 in share-based compensation due to partial vesting of a share option grant in December 2021; a \$93,014 increase in travel due to the easing of COVID-19 restrictions; an increase of \$28,628 in insurance due to the higher cost for directors' and officers' insurance; and an \$11,969 increase in depreciation due to a new office lease asset in Canada and lease asset resulting from the lease of two buildings at the project site which will host the demonstration plant. The overall increase in administrative costs was partially offset by a \$75,029 decrease in investor relations expenses due to fewer campaigns and promotional activities; a \$54,629 decrease in office, general and administrative expenses due to the office move in 2021; a decrease of \$16,974 in product sales and marketing due to lower activities and a resulting decrease in fees; and a \$106,141 of foreign exchange gain arising from revaluation of the liabilities for the royalty buy back and land deposits.

Euro Manganese Inc.

7. Quarterly Financial Review (continued)

Nine months ended June 30, 2022 compared to the nine months ended June 30, 2021

	Nine months ended June 30,	
	2022	2021
(expressed in thousands of Canadian dollars, except per share data)	\$	ç
Project evaluation expenses		
Engineering	2,110	2,297
Remuneration	858	520
Share-based compensation	411	329
Metallurgical	46	_
Geological	58	104
Legal and professional fees	547	129
Market studies	112	64
Travel	113	
Drilling, sampling and surveys	2	47
Supplies and rentals	37	22
	4,294	3,512
Other expenses		
Remuneration	1,924	1,098
Share-based compensation	1,654	315
Total remuneration	3,578	1,413
Legal and professional fees	444	503
Investor relations	265	510
Product sales and marketing	9	111
Travel	208	3
Filing and compliance fees	314	308
Office, general and administrative	49	136
Accretion expense	17	15
Insurance	172	86
Conferences	75	27
Depreciation	129	64
Foreign exchange	(19)	157
	5,241	3,333
Loss and comprehensive loss for the period	9,535	6,845
Basic and diluted loss per common share	\$0.02	\$0.02

7. Quarterly Financial Review (continued)

Project evaluation costs for the nine months ended June 30, 2022 and 2021, were \$4,294,341 and \$3,512,584, respectively. The increase in costs over the comparative period in fiscal 2021 is due to the impact of COVID-19 in 2021 on the level of work conducted in connection with the advancement of the Feasibility Study work and the planning, permitting and other studies related to the demonstration plant. The delay in securing financing and COVID-19 restrictions prevented the Company from advancing the Project significantly in the comparative period, during which work on the Project was restarted. The activities in the current period represent work conducted on the Project's Feasibility Study and the Final ESIA. The main cost variances include: an increase of \$338,055 in remuneration as a result of hiring new employees in the Czech Republic; an increase of \$81,996 in share-based compensation due to partial vesting of a share option grant in the nine months ended June 30, 2022; an increase of \$417,883 in legal and professional fees related mainly to land purchase negotiations; and an increase of \$46,178 in metallurgical expenses due to laboratory scale test work that was performed for the Feasibility Study. Additionally, travel resumed after the easing of COVID-19 pandemic restrictions and resulted in an increase of \$112,629 in the current quarter. Market studies also resumed after being temporarily suspended in 2021 which resulted in an increase of \$48,105 in the current guarter. The overall increase in project evaluation costs was partially offset by a decrease of \$187,130 in engineering costs which include environmental costs, which in both periods related to the preparation of the Final ESIA and the Feasibility Study; and a decrease of \$46,205 in geological costs due to the completion of certain studies in the comparative period. These cost reflect the stages of the work packages of the Feasibility Study in the respective periods.

The \$1,907,577 increase in administrative costs for the nine months ended June 30, 2022, compared to the same period in fiscal 2021, is mainly attributable to: a \$826,001 increase in remuneration due to a higher number of employees in the corporate office in Canada and an amount of \$307,500 paid to the Company's former President and CEO; a \$1,339,323 increase in share-based compensation due to partial vesting of a large share option grant in the nine months ended June 30, 2022; a \$204,920 increase in travel and a \$48,223 increase in conferences following the easing of COVID-19 related restrictions; a \$86,292 increase in insurance due to the higher cost for directors' and officers' insurance; and an increase of \$63,935 in depreciation due to a new office lease asset in Canada and a lease asset resulting from the lease of two buildings at the project site which will host the demonstration plant. The overall increase in administrative costs was partially offset by a \$244,996 decrease in investor relations expenses due to fewer campaigns and promotional activities; a \$102,280 decrease in product sales and marketing expenses due to lower activities and resulting decrease in fees; a decrease of \$58,748 in legal and professional expenses as the services of an internal general counsel in the current period reduced external legal costs and due to several other agreements concluded during the comparative period of fiscal 2021; a decrease of \$87,668 in office, general and administrative expenses due to the office move in 2021; and a \$175,508 foreign exchange gain arising from the revaluation of the liabilities for the royalty buy back and land deposits.

8. Liquidity and Capital Resources

As at June 30, 2022, the Company held cash of approximately \$28.0 million. Cash is held with reputable financial institutions and is invested in highly liquid short-term investments with maturities of three months or less. The funds are not exposed to significant liquidity risk and there are no restrictions on the ability of the Company to use these funds to meet its obligations.

The decrease in cash of \$3.2 million during the nine months ended June 30, 2022, is a result of \$7.2 million of cash used in operating activities and \$4.1 million of cash used in investing activities, which included the payment for the royalty buy back, the demonstration plant and certain land related payments. This decrease was offset by cash generated from financing activities of \$8.1 million. The proceeds of cash in financing activities represents the private placement by the European Bank for Reconstruction and Development. Working capital increased by \$0.8 million during the nine months ended June 30, 2022, to \$26.8 million from \$26.1 million at September 30, 2021.

8. Liquidity and Capital Resources (continued)

Additional funding will be required for the potential future construction of infrastructure and facilities for the Project. The ability of the Company to arrange such funding will depend principally upon prevailing market conditions, the business performance of the Company, and other factors such as disruptions resulting from an extended duration of the COVID-19 pandemic or the Russia-Ukraine conflict. Such funding may not be available when needed, if at all, or be available on terms favourable to the Company and its shareholders. Failure to obtain such additional financing could result in a delay, indefinite postponement or curtailment of further evaluation and development of the Company's principal property.

On June 27, 2022, the Company appointed Stifel as financial advisor to assist with the structuring and securing of financing for the Project of \$757.3 million as well as a working capital facility. The results of the Feasibility Study confirm several factors, including robust project economics, in-demand products, unique environmental credentials, stable jurisdiction and strong support from leading European institutions, that make the Project an attractive proposition for potential financial partners. Consequently, the Company has reasonable grounds to assume that it will be able to fund the development of the Project (see also Section 4 of this MD&A).

Contractual Commitments

As at June 30, 2022, the Company was committed to make the minimum annual cash payments, as follows:

		Payments due by period Less than one year 1 - 2 years		
	Total			
	\$	\$	\$	
Minimum lease payments ⁽¹⁾	7,994	7,994	_	
Land acquisition payments ⁽²⁾	2,444,863	518,607	1,926,256	
Equipment purchases - demonstration plant	680,856	680,856	_	
Operating expenditure commitments ⁽³⁾	110,846	110,576	270	
Total contractual obligations	3,244,559	1,318,033	1,926,526	

⁽¹⁾ The Company has one non-cancellable operating office lease expiring in one year.

⁽²⁾ Land acquisition payments relate to land parcels for the residue storage facility layout.

⁽³⁾ Operating expenditure commitments relate to the evaluation work on the Chvaletice Manganese Project.

In addition to the commitments disclosed above, the Company has entered into various agreements related to the demonstration plant. These contracts can be canceled by the Company upon notice without penalty, subject to the costs incurred up to and in respect of the cancellation.

The Company and the Municipality of Chvaletice, being the land owners, signed a land access agreement via rental of the land to the Company until the earlier of a 40-year period or upon remediation of the land. The annual rental of 7.46 million Czech Koruna (approximately \$420,000), adjusted for inflation based on the average annual Czech consumer price index for the 12 months of the previous calendar year. The land rental agreement is effective as of July 1, 202.

The Company is not subject to any externally imposed capital requirements.

9. Related Party Transactions

For the three and nine months ended June 30, 2022 and 2021, amounts paid to related parties were incurred in the normal course of operations and measured at the exchange amount, which is the amount of consideration established and agreed to by the transacting parties.

9. Related Party Transactions (continued)

At June 30, 2022, key management personnel include those persons having authority and responsibility for planning, directing and controlling the activities of the Company as a whole, and consisted of the Company's Board of Directors, President and Chief Executive Officer, Chief Financial Officer, Vice President, Corporate Development and Corporate Secretary, Vice President, Operations and the Managing Director of the Company's Czech subsidiary.

	Three months er	nded June 30,	Nine months ended June 30,	
	2022 2021		2022	2021
	\$	\$	\$	\$
Salaries and fees	440,401	476,494	1,502,837	1,342,398
Share-based compensation	566,014	56,110	1,474,617	140,247
	1,006,415	532,604	2,977,454	1,482,645

At June 30, 2022, amounts owing to directors and officers of the Company for salaries and directors fees amounted to \$33,699 (September 30, 2021 - \$33,803), and includes salary owing to the Managing Director of Mangan. Other amounts payable to officers and directors at June 30, 2022 for the reimbursement of office and travel related expenses were \$4,986 (September 30, 2021 - \$14,998).

10. Outstanding Share Data

The Company's authorized share capital consists of an unlimited number of common shares without par value. The following common shares, stock options and share purchase warrants were outstanding at August 11, 2022:

	Number of securities
Issued and outstanding common shares	401,115,551
Share options	35,162,664
Warrants	8,500,000

11. Significant Accounting Policies, Estimates and Judgments

Basis of preparation and accounting policies

The Company's annual consolidated financial statements were prepared in accordance with IFRS as issued by the IASB. Detailed description of the Company's significant accounting policies can be found in Note 3 of the Company's audited consolidated financial statements for the year ended September 30, 2021. Changes to the existing and new accounting policies can be found in the Company's unaudited condensed consolidated interim financial statements for the three and nine months ended June 30, 2022, which were prepared in accordance with IFRS as issued by the IASB, including IAS 34 *Interim Financial Reporting*. The impact of future accounting changes is disclosed in Note 3.3 to the unaudited condensed consolidated interim financial statements for the three and nine months ended statements for the three and nine months ended condensed consolidated interim financial statements for the three accounting condensed consolidated interim financial statements for the unaudited condensed consolidated interim financial statements for the unaudited condensed consolidated interim financial statements for the three and nine months ended condensed consolidated interim financial statements for the three and nine months ended condensed consolidated interim financial statements for the three and nine months ended condensed consolidated interim financial statements for the three and nine months ended condensed consolidated interim financial statements for the three and nine months ended condensed consolidated interim financial statements for the three and nine months ended condensed consolidated interim financial statements for the three and nine months ended condensed consolidated interim financial statements for the three and nine months ended condensed consolidated interim financial statements for the three and nine months ended condensed condensed consolidated interim financial statements for the three and nine months ended condensed condensed consolidated interim financial statements for the three and nine months ended condens

11. Significant Accounting Policies, Estimates and Judgments (continued)

Significant accounting estimates and judgments

The preparation of consolidated financial statements in conformity with IFRS requires management to make estimates that affect the reported amounts of assets and liabilities and disclosures of contingent assets and liabilities at the date of the consolidated financial statements, and the reported amounts of revenues and expenses during the reporting period. Areas of judgment and key sources of estimation uncertainty that have the most significant effect are disclosed in Note 3.14 of the Company's consolidated financial statements for the year ended September 30, 2021, and in Note 3.2 of the Company's unaudited condensed consolidated interim financial statements for the three and nine months ended June 30, 2022.

12. Financial Instruments and Financial Risk Management

A description of the Company's financial instruments and financial risks that the Company is exposed to and management of these risks can be found in Notes 10 and 11, respectively, of the Company's consolidated financial statements for the year ended September 30, 2021 and Note 9 of the Company's unaudited condensed consolidated interim financial statements for the three and nine months ended June 30, 2022.

13. Internal Controls over Financial Reporting and Disclosure Controls and Procedures

Management has established processes to provide them with sufficient knowledge to support representations that they have exercised reasonable diligence that: (i) the condensed consolidated interim financial statements for the three and nine months ended June 30, 2022, do not contain any untrue statement of material fact or omit to state a material fact required to be stated or that is necessary to make a statement not misleading in light of the circumstances under which it is made; and (ii) the condensed consolidated interim financial statements for the three and nine months ended June 30, 2022, fairly present in all material respects the financial condition, results of operations and cash flow of the Company.

There was no change in the Company's internal controls over financial reporting that occurred during the three and nine months ended June 30, 2022, that has materially affected, or is reasonably likely to materially affect, the Company's internal controls over financial reporting.

Disclosure Controls and Procedures

Disclosure controls and procedures have been designed to provide reasonable assurance that all relevant information required to be disclosed by the Company is accumulated and communicated to senior management as appropriate to allow timely decisions regarding required disclosure. The Company's President and Chief Executive Officer and Chief Financial Officer have concluded, based on their evaluation of the design of the disclosure controls and procedures, that as of June 30, 2022, the Company's disclosure controls and procedures provide reasonable assurance that material information is made known to them by others within the Company and that the controls are appropriately designed.

Limitations of Controls and Procedures

The Company's management, including the President and Chief Executive Officer and Chief Financial Officer, believe that any internal controls over financial reporting and disclosure controls and procedures, no matter how well designed, can have inherent limitations. Therefore, even those systems determined to be effective can provide only reasonable assurance that the objectives of the control system are met.

14. Forward-Looking Statements and Risks Notice

Certain statements in this MD&A constitute "forward-looking statements" or "forward-looking information" within the meaning of applicable securities laws. Such statements and information involve known and unknown risks, uncertainties and other factors that may cause the actual results, performance or achievements of the Company, its projects, or industry results, to be materially different from any future results, performance or achievements expressed or implied by such forward-looking statements or 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", "would", "might" or "will" be taken, occur or be achieved.

Results of the Feasibility Study constitutes forward-looking information or statements, including but not limited to estimates of internal rates of return (including any pre-tax and after-tax internal rates of return), payback periods, net present values, future production, assumed prices for HPMSM and HPEMM, ability of the Company to achieve a pricing premium for its products, proposed extraction plans and methods, operating life estimates, cash flow forecasts, metal recoveries and estimates of capital and operating costs. Such forward-looking information or statements also include, but are not limited to, statements regarding the Company's intentions regarding the Project in the Czech Republic, the development of the Project, the ability to source green power and other requirements for the Project, the completion and submission of an environmental and social impact assessment, statements regarding the ability of the Company to obtain remaining surface rights, the benefits of remediating the historic tailings areas, the growth and development of the high purity manganese products market, the desirability of the Company's products, the growth of the EV industry, the use of manganese in batteries, the manganese project supply line, support from European financial institutions, and the Company's ability to obtain financing for the Project.

Readers are cautioned not to place undue reliance on forward-looking information or statements. Forward-looking statements are subject to a number of risks and uncertainties that may cause the actual results of the Company to differ materially from those discussed in the forward-looking statements and, even if such actual results are realized or substantially realized, there can be no assurance that they will have the expected consequences to, or effects on, the Company.

Factors that could cause actual results or events to differ materially from current expectations include, among other things: the ability to develop adequate processing capacity; the availability of equipment, facilities, and suppliers necessary to complete development; the cost of consumables and extraction and processing equipment; risks and uncertainties related to the ability to obtain, amend, or maintain necessary licenses, or permits, risks related to acquisition of surface rights; risks and uncertainties related to expected production rates; timing and amount of production and total costs of production; the potential for unknown or unexpected events to cause contractual conditions to not be satisfied; the failure of parties to contracts with the Company to perform as agreed; risks and uncertainties related to the accuracy of mineral resource and reserve estimates, the price of HPEMM and HPMSM, power supply sources and price, reagent supply resources and prices, future cash flow, total costs of production, and diminishing quantities or grades of mineral resources and reserves; changes in Project parameters as plans continue to be refined; risks related to global epidemics or pandemics and other health crises, including the impact of the novel coronavirus (COVID-19); availability and productivity of skilled labour; risks and uncertainties related to interruptions in production; unforeseen technological and engineering problems; the adequacy of infrastructure; risks related to Project working conditions, accidents or labour disputes; social unrest or war; the possibility that future results will not be consistent with the Company's expectations; risks relating to variations in the mineral content and grade within resources from that predicted; variations in rates of recovery and extraction; developments in EV battery markets and chemistries; and risks related to fluctuations in currency exchange rates, changes in laws or regulations; and regulation by various governmental agencies. For a further discussion of risks relevant to The Company, see "Risk Factors" in the Company's annual information form for the year ended September 30, 2021, available on the Company's SEDAR profile at www.sedar.com.

14. Forward-Looking Statements and Risks Notice (continued)

All forward-looking statements are made based on the Company's current beliefs as well as various assumptions made by the Company and information currently available to the Company. Generally, these assumptions include, among others: the presence of and continuity of manganese at the Project at estimated grades; the ability of the Company to obtain all necessary land access rights; the availability of personnel, machinery, and equipment at estimated prices and within estimated delivery times; currency exchange rates; manganese sales prices and exchange rates assumed; growth in the manganese market; appropriate discount rates applied to the cash flows in economic analyses; tax rates and royalty rates applicable to the proposed operations; the availability of acceptable Project financing; anticipated extraction losses and dilution; success in realizing proposed operations; and anticipated timelines for community consultations and the impact of those consultations on the regulatory approval process.

Although the forward-looking statements contained in this MD&A are based upon what management of the Company believes are reasonable assumptions, the Company cannot assure investors that actual results will be consistent with these forward-looking statements. These forward-looking statements are made as of the date of this MD&A and are expressly qualified in their entirety by this cautionary statement. Subject to applicable securities laws, the Company does not assume any obligation to update or revise the forward-looking statements contained herein to reflect events or circumstances occurring after the date of this MD&A.