UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

FORM 40-F

☐ **Registration statement pursuant to section 12 of the Securities Exchange Act of 1934**
☒ **Annual report pursuant to section 13(a) or 15(d) of the securities exchange act of 1934**

For the fiscal year ended December 31, 2022
Commission File Number 001-40416

NOUVEAU MONDE GRAPHITE INC.
(Exact name of Registrant as specified in its charter)

Canada	**1090**	**Not Applicable**
(Province or other jurisdiction of incorporation or organization)	**(Primary Standard Industrial Classification Code Number)**	(I.R.S. Employer Identification No.)

481 rue Brassard
Saint-Michel-des-Saints,
Québec Canada J0K 3B0
(450) 757-8905
(Address and telephone number of Registrant's principal executive offices)

CT Corporation
System 28 Liberty
Street
New York, New York 10005
(212) 894-8940
(Name, address (including zip code) and telephone number (including area code) of agent for service in the United States)

Securities registered or to be registered pursuant to Section 12(b) of the Act:

Title of each class	**Trading Symbol(s)**	**Name of each exchange on which registered**
Common Shares, no par value	NMG	New York Stock Exchange

Securities registered or to be registered pursuant to Section 12(g) of the Act: None

Securities for which there is a reporting obligation pursuant to Section 15(d) of the Act: None

For annual reports, indicate by check mark the information filed with this form:

☒Annual Information Form ☒Audited Annual Financial Statements

Number of outstanding shares of each of the issuer's classes of capital or common stock as of December 31, 2022: 55,873,898 Common Shares, no par value.

Indicate by check mark whether the Registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Exchange Act during the preceding 12 months (or for such shorter period that the Registrant was required to file such reports) and (2) has been subject to such filing requirements for the past 90 days.

Yes ☒ No ☐

Indicate by check mark whether the registrant has submitted electronically every Interactive Data File required to be submitted pursuant to Rule 405 of Regulation S-T (§232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit such files).

Yes ☒ No ☐

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 12b-2 of the Exchange Act.
Emerging Growth Company ☒

If an emerging growth company that prepares its financial statements in accordance with U.S. GAAP, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards† provided pursuant to Section 13(a) of the Exchange Act. ☐

† The term "new or revised financial accounting standard" refers to any update issued by the Financial Accounting Standards Board to its Accounting Standards Codification after April 5, 2012.

Indicate by check mark whether the registrant has filed a report on and attestation to its management's assessment of the effectiveness of its internal control over financial reporting under Section 404(b) of the Sarbanes-Oxley Act (15 U.S.C. 7262(b)) by the registered public accounting firm that prepared or issued its audit report. ☐

If securities are registered pursuant to Section 12(b) of the Act, indicate by check mark whether the financial statements of the registrant included in the filing reflect the correction of an error to previously issued financial statements.[1] ☐

Indicate by check mark whether any of those error corrections are restatements that required a recovery analysis of incentive-based compensation received by any of the registrant's executive officers during the relevant recovery period pursuant to §240.10D-(b).[2] ☐

[1] Check boxes are blank, pending adoption of the underlying rules.
[2] Check boxes are blank, pending adoption of the underlying rules.

EXPLANATORY NOTE

Nouveau Monde Graphite Inc. (the "Company" or "Registrant") is a Canadian public company whose common shares are listed on the TSX Venture Exchange under the symbol "NOU" and the New York Stock Exchange (the "NYSE") under the symbol "NMG." The Company is eligible to file its annual report pursuant to Section 13 of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), on Form 40-F pursuant to the multijurisdictional disclosure system of the Exchange Act ("MJDS"). The Company is a "foreign private issuer" as defined in Rule 3b- 4 under the Exchange Act. Equity securities of the Company are accordingly exempt from Sections 14(a), 14(b), 14(c), 14(f) and 16 of the Exchange Act pursuant to Rule 3a12-3.

FORWARD-LOOKING STATEMENTS

This annual report on Form 40-F (the "Annual Report") contains "forward-looking information" and "forward-looking statements" within the meaning of applicable securities legislation (collectively, "**forward-looking statements**"), which relate to future events or future performance and reflect management's expectations and assumptions regarding the Company's growth, results, performance and business prospects and opportunities. Such forward-looking statements reflect management's current beliefs and are based on information currently available to it. In some cases, forward-looking statements can be identified by words such as "may", "would", "could", "will", "should", "expect", "intend", "aim", "attempt", "anticipate", "believe", "study", "target", "estimate", "forecast", "predict", "outlook", "mission", "aspire", "plan", "schedule", "potential", "progress" or the negative of these terms or other similar expressions concerning matters that are not historical facts. In particular, statements regarding the Company's future results, the intended construction and commissioning timeline of the Matawinie Mine Project, the Bécancour Battery Material Plant Project, the Shaping Demonstration Plant (as defined herein) and the Coating Demonstration Plant (as defined herein), the intended operation and performance of the Purification Demonstration Plant (as defined herein), the Shaping Demonstration Plant, the Coating Demonstration Plant and the Concentrator Demonstration Plant, the intended development of the Matawinie Mine Property, the intended development of the Uatnan Mining Project, including the formation of a joint venture, the economic performance and product development efforts, as well as the Company's expected achievement of milestones, including the ability to obtain sufficient financing for the development of the Matawinie Mine Project and the Bécancour Battery Material Plant Project, including the completion of the FID, and the sell of the Common Shares of the Company under the ATM Offering, and the ability to achieve the Company's environmental, social and governance ("**ESG**") initiatives, the Company's electrification strategy and its intended results, market trends, the results of the 2022 Technical Report (as defined herein), the Uatnan Mining Property Report and any other feasibility study and preliminary economic assessments and any information as to future plans and outlook for the Company are or involve forward looking statements.

Forward-looking statements are based on reasonable assumptions that have been made by the Company as at the date of such statements and are subject to known and unknown risks, uncertainties and other factors that may cause the actual results, level of activity, performance or achievements of the Company to be materially different from those expressed or implied by such forward-looking statements, including but not limited to, the actual results of current development, engineering and planning activities, access to capital and future prices of graphite, new mining operation inherent risks, mineral exploration and development activities inherent risks, the uncertainty of processing the Company's technology on a commercial basis and those factors discussed in the section entitled "Risk Factors" in the Company's Annual Information Form for the fiscal year ended December 31, 2022 (the "2022 AIF"), which is filed as Exhibit 99.1 to this Annual Report. Forward-looking statements in this Annual Report contain, among other things, disclosure regarding: the Company's development activities and production plans, including the operation of the Shaping Demonstration Plant, the Purification Demonstration Plant and the Concentrator Demonstration Plant; the construction and commissioning, as applicable, of the Matawinie Mine Project, the Bécancour Battery Material Plant Project, the Shaping Demonstration Plant and the Coating Demonstration Plant; the development of the Uatnan Mining Project, the impact of infectious diseases, global pandemics or any other public health crises, including COVID-19 pandemic ("**COVID-19**"), and the ongoing war between Russia and Ukraine on the Company's operations; the future outlook, corporate development and strategy of the Company; the Company's projected capital and operating expenditures; the estimates of mineral resources and mineral reserves; the Company's green and sustainable lithium-ion active anode material ("**Anode Material**") initiatives; the government regulation of mining operations, environmental regulation and compliance; the realization of the expected economics of the construction and operation of the Matawinie Mine Project and the Bécancour Battery Material Plant Project; the ability to obtain sufficient financing and the permitting required for the development of the Matawinie Mine Project and the Bécancour Battery Material Plant Project; and business opportunities that become available to, or are pursued by the Company.

Forward-looking statements are based on assumptions management believes to be reasonable, including but not limited to: general business and economic conditions; there being no direct operational impacts resulting from infectious diseases or pandemics; the supply and demand for, deliveries of, and the level and volatility of prices for graphite products; the speculative nature of mineral exploration and development; changes in mineral production performance and increase in costs, exploitation, exploration and mine new mines' start-up successes; the risk that exploration data may be incomplete and additional work may be required to complete further evaluation, including but not limited to drilling, engineering, and socioeconomic studies and investment; the impact of the inflation of the Company's planned exploration and development activities, the timing of the receipt of necessary regulatory and governmental permits and approvals for the Matawinie Mine Project and Bécancour Battery Material Plant Project; the availability of financing for the Company's development of its properties and construction of its facilities and installations on reasonable terms; the possibility that the Company may incur additional debt; the ability to procure equipment and operating supplies in sufficient quantities and on a timely basis; increased costs, delays, suspensions and technical challenges associated with the development, construction and commissioning

of the Matawinie Mine Project and the Bécancour Battery Material Plant Project; the good standing of the Company's title and claims on its properties; the ability to attract and retain skilled staff and maintain positive relationships with the staff; the risk of relying on consultants; development and production timetables; competition and market risks; pricing pressures; the accuracy of the Company's mineral resource and mineral reserve estimates (including, with respect to size, grade and recoverability) as well as the geological, operational and price assumptions on which they are based; the volatile nature of the share price of a resources company and public company obligations, currency fluctuations, the fact that certain business improvement initiatives are still in the early stages of evaluation, and additional engineering and other analysis is required to fully assess their impact; the fact that certain of the initiatives described in this Annual Report, are still in the early stages and may not materialize; business continuity and crisis management; and such other assumptions and factors as set out in the exhibits to this Annual Report.

Although the Company has attempted to identify important factors that could cause actual results to differ materially from those contained in forward-looking statements, there may be other factors that may cause results not to be as anticipated, estimated or intended. There can be no assurance that such statements will prove to be accurate, as actual results and future events could differ materially from those anticipated in such statements. Accordingly, readers should not place undue reliance on forward-looking statements. The Company does not undertake to update or revise any forward-looking statements that are included in this Annual Report, whether as a result of new information, future events or otherwise, except in accordance with applicable securities laws.

Capitalized terms under the heading "Forward-Looking Statements" and not otherwise defined herein have the meanings given to them in the 2022 AIF.

DIFFERENCES IN UNITED STATES AND CANADIAN REPORTING PRACTICES

The Company is permitted, under the MJDS, to prepare this Annual Report in accordance with Canadian disclosure requirements, which are different from those of the United States. The Company prepares its financial statements, which are filed with this Annual Report, in accordance with International Financial Reporting Standards ("IFRS") as issued by the International Accounting Standards Board, and the audit is subject to the Public Company Accounting Oversight Board Standards. In addition, the Company is not required to prepare a reconciliation of its financial statements between IFRS and U.S. generally accepted accounting principles, and has not quantified such differences, which may be significant.

CAUTIONARY NOTE TO U.S. INVESTORS

Disclosure regarding Mineral Reserve and Mineral Resource estimates included in the documents incorporated by reference herein were prepared in accordance with Regulation 43-101 respecting Standards of Disclosure for Mineral Projects ("NI 43-101") and applicable mining terms are as defined in accordance with the CIM Definition Standards on Mineral Resources and Reserves adopted by the Canadian Institute of Mining, Metallurgy and Petroleum Council (the "CIM Definition Standards"), as required by NI 43-101. Unless otherwise indicated, all reserve and resource estimates included in the documents incorporated by reference herein have been prepared in accordance with the CIM Definition Standards, as required by NI 43-101.

NI 43-101 is a rule developed by the Canadian Securities Administrators that establishes the Canadian standards for all public disclosure an issuer makes of scientific and technical information concerning mineral projects. These standards differ from the requirements of the United Securities and Exchange Commission (the "SEC") applicable to United States companies. Accordingly, mineral resource and reserve information contained in the documents incorporated by reference herein may not be comparable to similar information made public by United States companies reporting pursuant to SEC reporting and disclosure requirements.

CURRENCY

Unless otherwise indicated, all dollar amounts in this Annual Report on Form 40-F are in Canadian dollars. The exchange rate of Canadian dollars into United States dollars, based upon the daily exchange rate as quoted by the Bank of Canada, was US$1.00 = CDN$1.3544 on December 30, 2022 and US$1.00 = CDN$1.3671 on March 23, 2023.

ANNUAL INFORMATION FORM

The 2022 AIF is filed as Exhibit 99.1 to this Annual Report and is incorporated by reference herein.

AUDITED FINANCIAL STATEMENTS

The audited consolidated financial statements of the Company for the years ended December 31, 2022 and 2021, including the report of the independent auditor (PCAOB ID#271) thereon (the "Financial Statements"), are filed as Exhibit 99.2 to this Annual Report and are incorporated by reference herein.

MANAGEMENT'S DISCUSSION AND ANALYSIS

The Company's Management's Discussion and Analysis (the "MD&A") dated March 23, 2023 for the year ended December 31, 2022, is filed as Exhibit 99.3 to this Annual Report and is incorporated by reference herein.

CERTIFICATIONS AND DISCLOSURE REGARDING CONTROLS AND PROCEDURES

Disclosure Controls and Procedures

As of the end of the period covered by this Annual Report, the Company carried out an evaluation, under the supervision of the Company's Chief Executive Officer ("CEO") and Chief Financial Officer ("CFO"), of the effectiveness of the Company's disclosure controls and procedures (as defined in Rules 13a-15(e) and 15d-15(e) of the Exchange Act). Based upon that evaluation, the Company's CEO and CFO have concluded that, as of the end of the period covered by this Annual Report, the Company's disclosure controls and procedures are effective to ensure that information required to be disclosed by the Company in reports that it files or submits under the Exchange Act is (i) recorded, processed, summarized and reported within the time periods specified in SEC rules and forms, and (ii) accumulated and communicated to the Company's management, including its principal executive officer and principal financial officer, to allow timely decisions regarding required disclosure.

While the Company's principal executive officer and principal financial officer believe that the Company's disclosure controls and procedures provide a reasonable level of assurance that they are effective, they do not expect that the Company's disclosure controls and procedures or internal control over financial reporting will prevent all errors or fraud. A control system, no matter how well conceived or operated, can provide only reasonable, not absolute, assurance that the objectives of the control system are met.

Management's Annual Report On Internal Control Over Financial Reporting

Management, including the CEO and CFO, is responsible for establishing and maintaining adequate internal control over financial reporting, as defined in Rule 13a-15(f) under the Exchange Act. The Company's management has employed a framework consistent with Exchange Act Rule 13a-15(c), to evaluate the Company's internal control over financial reporting described below. A company's internal control over financial reporting is a process designed to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles.

A company's internal control over financial reporting includes those policies and procedures that (i) pertain to the maintenance of records that, in reasonable detail, accurately and fairly reflect the transactions and dispositions of the assets of the company; (ii) provide reasonable assurance that transactions are recorded as necessary to permit preparation of financial statements in accordance with generally accepted accounting principles, and that receipts and expenditures of the company are being made only in accordance with authorizations of management and directors of the company; and (iii) provide reasonable assurance regarding prevention or timely detection of unauthorized acquisition, use, or disposition of the company's assets that could have a material effect on the financial statements. It should be noted that a control system, no matter how well conceived or operated, can only provide reasonable assurance, not absolute assurance, that the objectives of the control system are met. Also, projections of any evaluation of effectiveness to future periods are subject to the risk that controls may become inadequate because of changes in conditions, or that the degree of compliance with policies and procedures may deteriorate.

The Company's management, including the CEO and CFO, is responsible for establishing and maintaining adequate internal control over financial reporting, and used the framework issued by the Committee of Sponsoring Organizations of the Treadway Commission (2013)(COSO) to evaluate the effectiveness of our controls. Based on this evaluation, management concluded that the Company's internal controls over financial reporting were effective as of December 31, 2022.

Attestation Report of the Registered Public Accounting Firm

As an "emerging growth company" under the Jumpstart our Business Startups Act, the Company is exempt from Section 404(b) of the Sarbanes-Oxley Act of 2002, which requires that a public company's registered public accounting firm provide an attestation report relating to management' assessment of internal control over financial reporting.

Changes in Internal Control Over Financial Reporting

During the period covered by this Annual Report, no change occurred in the Company's internal control over financial reporting that has materially affected, or is reasonably likely to materially affect, the Company's internal control over financial reporting.

CORPORATE GOVERNANCE

Human Resources, Nominating and Compensation Committee

The Company's Human Resources, Nominating and Compensation Committee assists the board of directors (the "Board") of the Company in discharging its oversight responsibilities relating to the compensation and retention of key senior management employees having the skills and expertise needed to enable the Company to achieve its goals and strategies at a fair and competitive compensation, including appropriate performance incentives, and to assist the Board in ensuring that it is comprised of directors with the necessary skills to effectively discharge its oversight responsibilities relating to the Company's activities. The Company's Human Resources, Nominating and Compensation Committee charter is available on the Company's website at the following address: https://nmg.com/.

Governance, Compliance and Legal Committee

The purpose of the Company's Governance, Compliance and Legal Committee is to assist the Board with the development, implementation and assessment of effective corporate governance principles and compliance with laws and regulations applicable to its business. The Company's Governance, Compliance and Legal Committee charter is available on the Company's website at the following address: https://nmg.com/.

AUDIT COMMITTEE

The Board has a separately designated standing Audit Committee established in accordance with Section 3(a)(58)(A) of the Exchange Act and Section 303A.06 of the NYSE Listed Company Manual. As of the date of this Annual Report, the Company's Audit Committee is comprised of Daniel Buron (chair), Jürgen Köhler and Nathalie Pilon, each of whom the Company's Board has determined is financially literate, meaning each such member has the ability to read and understand a set of financial statements that present a breadth and level of complexity of the issues that can reasonably be expected to be raised by the Company's financial statements. The Board has also determined that Mr. Buron, Mr. Köhler and Ms. Pilon are "independent" within the meaning of the listing standards of the NYSE. In addition, the Board has determined that Mr. Buron and Ms. Pilon are "audit committee financial experts" within the meaning of the rules of the SEC.

The SEC has indicated that the designation of a person as an audit committee financial expert does not make such person an "expert" for any purpose, impose any duties, obligations or liability on such person that are greater than those imposed on members of the audit committee and board of directors who do not carry this designation, or affect the duties, obligations or liability of any other member of the audit committee or board of directors.

The Company's Audit Committee charter is available on the Company's website at the following address: https://nmg.com/.

CODE OF ETHICS

The Company's Code of Conduct (the "Code") applies to all directors, officers and employees of the Company, including the CEO and CFO. Since the adoption of the Code, there have not been any waivers, including implied waivers, from any provision of the Code. A copy of the Code can be found on the Company's internet website at the following address: https://nmg.com/.

PRINCIPAL ACCOUNTANT FEES AND SERVICES

The information provided under the headings "Audit Committee – External Auditor Service Fees" and "Audit Committee – Pre-approval Policies and Procedures" contained in the 2022 AIF, filed as Exhibit 99.1 hereto, is incorporated by reference herein. The Registrant's Audit Committee has not adopted specific policies or procedures for the engagement of non-audit services. However, the Registrant's Audit Committee may approve, from time to time, expenses made for non-audit-related services contracts. The Registrant's Independent Registered Public Accounting Firm in 2022 and 2021 was PricewaterhouseCoopers LLP, a partnership of Chartered Professional Accountants, located in Montreal, Quebec, Canada PCAOB ID#271. All audit and non-audit fees paid to PricewaterhouseCoopers LLP for the financial year ended December 31, 2022, were pre-approved by the Audit Committee and none were approved on the basis of the de minimis exemption set forth in Rule 2-01(c)(7)(i)(C) of Regulation S-X.

OFF-BALANCE SHEET ARRANGEMENTS

The information provided under the heading "Off-Balance Sheet Transactions" contained in the MD&A, filed as Exhibit 99.3 hereto, is incorporated by reference herein.

CONTRACTUAL OBLIGATIONS

The discussion and analysis of the Company's material cash requirements from known contractual and other obligations is provided under the headings "Contractual Obligations and Commitments" and "Liquidity and Funding" contained in the MD&A, filed as Exhibit 99.3 hereto, and the information provided in Note 28 of the Financial Statements, filed as Exhibit 99.2 hereto, is incorporated by reference herein.

NYSE CORPORATE GOVERNANCE

The Company's common shares are listed on the NYSE. Section 303A.11 of the NYSE Listed Company Manual permits foreign private issuers to follow home country practices in lieu of certain provisions of the NYSE Listed Company Manual. A foreign private issuer that follows home country practices in lieu of certain provisions of the NYSE Listed Company Manual must disclose any significant ways in which its corporate governance practices differ from those followed by domestic companies either on its website or in the annual report that it distributes to shareholders in the United States. A description of the significant ways in which the Company's governance practices differ from those followed by domestic companies pursuant to NYSE standards is set forth on the Company's website at https://nmg.com/.

In addition, the Company may from time-to-time seek relief from NYSE corporate governance requirements on specific transactions under Section 303A.11 of the NYSE Listed Company Manual, in which case, the Company shall make the disclosure of such transactions available on its website at https://nmg.com. Information contained on the Company's website is not part of this Annual Report on Form 40-F.

NOTICES PURSUANT TO REGULATION BTR

There were no notices required by Rule 104 of Regulation BTR that the Company sent during the year ended December 31, 2022 concerning any equity security subject to a blackout period under Rule 101 of Regulation BTR.

MINE SAFETY DISCLOSURE

Not applicable.

DISCLOSURE REGARDING FOREIGN JURISDICTIONS THAT PREVENT INSPECTIONS

Not applicable.

RECOVERY OF ERRONEOUSLY AWARDED COMPENSATION

Not applicable.

EXHIBIT INDEX

Exhibit Number	Description
99.1	Annual Information Form dated March 23, 2023 for the fiscal year ended December 31, 2022
99.2	Audited Consolidated Financial Statements as at and for the years ended December 31, 2022 and 2021
99.3	Management's Discussion and Analysis dated March 23, 2023 for the year ended December 31, 20 22
99.4	Consent of Independent Registered Public Accounting Firm
99.5	Certification of Chief Executive Officer pursuant to Rule 13a-14(a) or 15d-14(a) of the U.S. Securities Exchange Act of 1934, as amended
99.6	Certification of Chief Financial Officer pursuant to Rule 13a-14(a) or 15d-14(a) of the U.S. Securities Exchange Act of 1934, as amended
99.7	Certification of Chief Executive Officer pursuant to Section 906 of the Sarbanes-Oxley Act of 2002
99.8	Certification of Chief Financial Officer pursuant to Section 906 of the Sarbanes-Oxley Act of 2002
99.9	Consent of Qualified Person (Bernard-Olivier Martel)
99.10	Consent of Qualified Person (Yann Camus)
99.11	Consent of Qualified Person (Simon Fortier)
99.12	Consent of Qualified Person (André Allaire)
99.13	Consent of Qualified Person (Jeffrey Cassoff)
99.14	Consent of Qualified Person (Vera Gella)
99.15	Consent of Qualified Person (Merouane Rachidi)
99.16	Consent of Qualified Person (Claude Duplessis)
99.17	Consent of Qualified Person (Eric Desaulniers)
99.18	Consent of Qualified Person (Antoine Cloutier)
99.19	Consent of Qualified Person (BBA Inc.)
99.20	Consent of Qualified Person (SGS Geological Services Inc.)
99.21	Consent of Qualified Person (GoldMinds Geoservices Inc.)
101	Interactive Data File

Exhibits 99.1, 99.2 and 99.3 of this Annual Report on Form 40-F are incorporated by reference into the Registration Statement on Form F-10 of the Company, which was originally filed with the Securities and Exchange Commission on May 20, 2021 (File No. 333-256340) (the "Registration Statement"). Exhibits 99.4 and 99.9 to 99.21 of this Annual Report are incorporated by reference as exhibits to the Registration Statement.

UNDERTAKING

The Registrant undertakes to make available, in person or by telephone, representatives to respond to inquiries made by the SEC staff, and to furnish promptly, when requested to do so by the SEC staff, information relating to the securities in relation to which the obligation to file an annual report on Form 40-F arises or transactions in said securities.

CONSENT TO SERVICE OF PROCESS

The Registrant has previously filed a Form F-X in connection with the class of securities in relation to which the obligation to file this report arises.

Any change to the name or address of the agent for service of the Registrant shall be communicated promptly to the Commission by amendment to Form F-X referencing the file number of the Registrant.

SIGNATURES

Pursuant to the requirements of the Exchange Act, the Registrant certifies that it meets all of the requirements for filing on Form 40-F and has duly caused this annual report to be signed on its behalf by the undersigned, thereto duly authorized.

NOUVEAU MONDE GRAPHITE INC.

By: /s/ Eric Desaulniers
Name: Eric Desaulniers
Title: President and Chief Executive Officer

Date: March 24, 2023

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Exhibit 99.1

ANNUAL INFORMATION FORM

For the fiscal year ended December 31, 2022

Dated March 23, 2023

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PRELIMINARY COMMENTS

In this annual information form ("**Annual Information Form**"), unless otherwise indicated or the context suggests otherwise, the term the "**Corporation**" refers to Nouveau Monde Graphite Inc. The information in this Annual Information Form is dated as at December 31, 2022, unless otherwise indicated or the context suggests otherwise. Unless otherwise indicated or the context suggests otherwise, numbers and price of the common shares of the Corporation (the "**Common Shares**") and any other information on securities convertible into Common Shares are stated on a post-Consolidation (as defined herein) basis after giving effect to the Consolidation (as defined herein).

Unless otherwise indicated or the context suggests otherwise, all references to "$", "CAD" or "dollars" refer to Canadian dollars and all references to "US$" or "USD" refer to United States ("**U.S**.") dollars.

FORWARD-LOOKING STATEMENTS

This Annual Information Form contains "forward-looking information" and "forward-looking statements" within the meaning of applicable securities legislation (collectively, "**forward-looking statements**"), which relate to future events or future performance and reflect management's expectations and assumptions regarding the Corporation's growth, results, performance and business prospects and opportunities. Such forward-looking statements reflect management's current beliefs and are based on information currently available to it. In some cases, forward-looking statements can be identified by words such as "may", "would", "could", "will", "should", "expect", "intend", "aim", "attempt", "anticipate", "believe", "study", "target", "estimate", "forecast", "predict", "outlook", "mission", "aspire", "plan", "schedule", "potential", "progress" or the negative of these terms or other similar expressions concerning matters that are not historical facts. In particular, statements regarding the Corporation's future results, the intended construction and commissioning timeline of the Matawinie Mine Project (as defined herein), the Bécancour Battery Material Plant Project (as defined herein), the Shaping Demonstration Plant (as defined herein) and the Coating Demonstration Plant (as defined herein), the intended operation and performance of the Purification Demonstration Plant (as defined herein), the Shaping Demonstration Plant, the Coating Demonstration Plant and the Concentrator Demonstration Plant, the intended development of the Matawinie Mine Property, the intended development of the Uatnan Mining Project, including the formation of a joint venture, the economic performance and product development efforts, as well as the Corporation's expected achievement of milestones, including the ability to obtain sufficient financing for the development of the Matawinie Mine Project and the Bécancour Battery Material Plant Project, including the completion of the FID, (as defined herein) and the sell of the Common Shares of the Corporation under the ATM Offering (as defined herein), and the ability to achieve the Corporation's environmental, social and governance ("**ESG**") initiatives, the Corporation's electrification strategy and its intended results, market trends, the results of the 2022 Technical Report (as defined herein), the Uatnan Mining Property Report and any other feasibility study and preliminary economic assessments and any information as to future plans and outlook for the Corporation are or involve forward looking statements.

Forward-looking statements are based on reasonable assumptions that have been made by the Corporation as at the date of such statements and are subject to known and unknown risks, uncertainties and other factors that may cause the actual results, level of activity, performance or achievements of the Corporation to be materially different from those expressed or implied by such forward-looking statements, including but not limited to, the actual results of current development, engineering and planning activities, access to capital and future prices of graphite, new mining operation inherent risks, mineral exploration and development activities inherent risks, the uncertainty of processing the Corporation's technology on a commercial basis and those factors discussed in the section entitled "Risk Factors" in this Annual Information Form. Forward-looking statements in this Annual Information Form contain, among other things, disclosure regarding: the Corporation's development activities and production plans, including the operation of the Shaping Demonstration Plant, the Purification Demonstration Plant and the Concentrator Demonstration Plant; the construction and commissioning, as applicable, of the Matawinie Mine Project, the Bécancour Battery Material Plant Project, the Shaping Demonstration Plant and the Coating Demonstration Plant; the development of the Uatnan Mining Project, the impact of infectious diseases, global pandemics or any other public health crises, including COVID-19 pandemic ("**COVID-19**"), and the ongoing war

between Russia and Ukraine on the Corporation's operations; the future outlook, corporate development and strategy of the Corporation; the Corporation's projected capital and operating expenditures; the estimates of mineral resources and mineral reserves; the Corporation's green and sustainable lithium-ion active anode material ("**Anode Material**") initiatives; the government regulation of mining operations, environmental regulation and compliance; the realization of the expected economics of the construction and operation of the Matawinie Mine Project and the Bécancour Battery Material Plant Project; the ability to obtain sufficient financing and the permitting required for the development of the Matawinie Mine Project and the Bécancour Battery Material Plant Project; and business opportunities that become available to, or are pursued by the Corporation.

Forward-looking statements are based on assumptions management believes to be reasonable, including but not limited to: general business and economic conditions; there being no direct operational impacts resulting from infectious diseases or pandemics; the supply and demand for, deliveries of, and the level and volatility of prices for graphite products; the speculative nature of mineral exploration and development; changes in mineral production performance and increase in costs, exploitation, exploration and mine new mines' start-up successes; the risk that exploration data may be incomplete and additional work may be required to complete further evaluation, including but not limited to drilling, engineering, and socioeconomic studies and investment; the impact of the inflation of the Corporation's planned exploration and development activities, the timing of the receipt of necessary regulatory and governmental permits and approvals for the Matawinie Mine Project and Bécancour Battery Material Plant Project; the availability of financing for the Corporation's development of its properties and construction of its facilities and installations on reasonable terms; the possibility that the Corporation may incur additional debt; the ability to procure equipment and operating supplies in sufficient quantities and on a timely basis; increased costs, delays, suspensions and technical challenges associated with the development, construction and commissioning of the Matawinie Mine Project and the Bécancour Battery Material Plant Project; the good standing of the Corporation's title and claims on its properties; the ability to attract and retain skilled staff and maintain positive relationships with the staff; the risk of relying on consultants; development and production timetables; competition and market risks; pricing pressures; the accuracy of the Corporation's mineral resource and mineral reserve estimates (including, with respect to size, grade and recoverability) as well as the geological, operational and price assumptions on which they are based; the volatile nature of the share price of a resources company and public corporation obligations, currency fluctuations, the fact that certain business improvement initiatives are still in the early stages of evaluation, and additional engineering and other analysis is required to fully assess their impact; the fact that certain of the initiatives described in this Annual Information Form, are still in the early stages and may not materialize; business continuity and crisis management; and such other assumptions and factors as set out herein and in this Annual Information Form.

Although the Corporation has attempted to identify important factors that could cause actual results to differ materially from those contained in forward-looking statements, there may be other factors that may cause results not to be as anticipated, estimated or intended. There can be no assurance that such statements will prove to be accurate, as actual results and future events could differ materially from those anticipated in such statements. Accordingly, readers should not place undue reliance on forward-looking statements. The Corporation does not undertake to update or revise any forward-looking statements that are included in this Annual Information Form, whether as a result of new information, future events or otherwise, except in accordance with applicable securities laws.

MARKET AND INDUSTRY DATA

Market and industry data presented throughout this Annual Information Form was obtained from third-party sources and industry reports, publications, websites and other publicly available information, as well as industry and other data prepared by the Corporation or on the behalf of the Corporation on the basis of the Corporation's knowledge of the markets in which the Corporation operates, including information provided by suppliers, partners, customers and other industry participants.

The Corporation believes that the market and economic data presented throughout this Annual Information Form is accurate as of the date of publication and, with respect to data prepared by the Corporation or on behalf of the Corporation, that estimates and assumptions are currently appropriate and reasonable, but there can be no assurance as to the accuracy or

completeness thereof. The accuracy and completeness of the market and economic data presented throughout this Annual Information Form are not guaranteed and the Corporation does not make any representation as to the accuracy of such data. Actual outcomes may vary materially from those forecast in such reports or publications, and the prospect for material variation can be expected to increase as the length of the forecast period increases. Although the Corporation believes it to be reliable as of the date of publication, the Corporation has not independently verified any of the data from third-party sources referred to in this Annual Information Form, analyzed or verified the underlying studies or surveys relied upon or referred to by such sources, or ascertained the underlying market, economic and other assumptions relied upon by such sources. Market and economic data are subject to variations and cannot be verified due to limits on the availability and reliability of data inputs, the voluntary nature of the data gathering process and other limitations and uncertainties inherent in any statistical survey. In addition, certain of these publications, studies and reports were published before COVID-19 and therefore do not reflect any impact of COVID-19 on any specific market or globally.

CAUTIONARY NOTICE TO U.S. INVESTORS

Disclosure regarding Mineral Reserve and Mineral Resource estimates included herein were prepared in accordance with *Regulation 43-101 respecting Standards of Disclosure for Mineral Projects* ("**NI 43-101**") and applicable mining terms are as defined in accordance with the CIM Definition Standards on Mineral Resources and Reserves adopted by the Canadian Institute of Mining, Metallurgy and Petroleum Council (the "**CIM Definition Standards**"), as required by NI 43-101. Unless otherwise indicated, all reserve and resource estimates included in this Annual Information Form have been prepared in accordance with the CIM Definition Standards, as required by NI 43-101.

NI 43-101 is a rule developed by the Canadian Securities Administrators that establishes standards for all public disclosure an issuer makes of scientific and technical information concerning mineral projects. NI 43-101 differs from the disclosure requirements of the United States Securities and Exchange Commission (the "**SEC**") applicable to U.S. companies. Accordingly, information contained herein may not be comparable to similar information made public by U.S. companies reporting pursuant to SEC reporting and disclosure requirements.

CORPORATE STRUCTURE

NAME, ADDRESS AND INCORPORATION

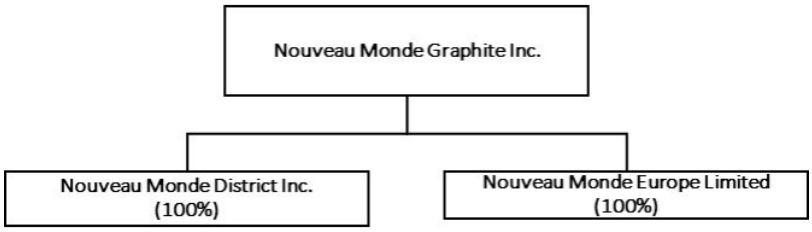
The Corporation was formed on December 31, 2012 pursuant to the *Canada Business Corporation Act* (the "**CBCA**") under the name "Nouveau Monde Mining Enterprises Inc. / *Entreprises Minières du Nouveau-Monde Inc.*" as a result of the amalgamation of "Tucson Acquisition Corporation", a capital pool company, and "New World Mining Enterprises Inc. / *Entreprises Minières du Nouveau-Monde Inc.*", a private company located in Gatineau, Québec. On February 6, 2017, the Corporation filed articles of amendment in order to change its name to "Nouveau Monde Graphite Inc.". On March 24, 2021, the Corporation filed articles of amendment in order to implement a consolidation (reverse stock split) of its outstanding Common Shares (the "**Consolidation**") on the basis of one new Common Share for every ten currently outstanding Common Shares (the "**Consolidation Ratio**").

The Corporation's head and registered office is located at 481 Brassard Street, Saint-Michel-des-Saints, Québec J0K 3B0.

INTERCORPORATE RELATIONSHIPS

As of the date of this Annual Information Form, the Corporation beneficially owns 100% of the voting shares of Nouveau Monde District Inc., incorporated under the CBCA and 100% of the voting shares of Nouveau Monde Europe Limited, incorporated under the *Companies Act 2006* (United Kingdom). Nouveau Monde District Inc. currently holds properties in Saint-Michel-des-Saints and is expected to continue purchasing other properties if need be.Nouveau Monde Europe Limited has been created on October 12, 2020.

The following diagram illustrates the aforementioned intercorporate relationships between the Corporation and its material subsidiaries as at the date of this Annual Information Form:



GENERAL DEVELOPMENT OF THE BUSINESS

INTRODUCTION AND GENERAL OUTLOOK

The Corporation is an integrated company developing responsible mining and advanced manufacturing projects to supply the global economy with carbon-neutral Anode Material to power electric vehicles ("**EV**") and energy storage systems. Based in Québec, Canada, the Corporation is focused on the Matawinie graphite mine project (the "**Matawinie Mine Project**") and the commercial value-added graphite products transformation plant project (the "**Bécancour Battery Material Plant Project**"), both of which are progressing concurrently towards commercial operations. The Corporation is also exploring the potential of developing and operating the Uatnan mining project (the "**Uatnan Mining Project**") that leverages Mason Graphite Inc.'s ("**Mason Graphite**") Lac Guéret graphite deposit. The Corporation is carrying out a phased-development plan to derisk its projects, advance toward commercialization, and prepare a roadmap for growth in line with the market demand.

Bécancour Battery Material Plant Project	
Phase 1 – Battery Material Demonstration Plants	
Shaping Demonstration Plant	The Corporation has been operating a commercial-scale shaping unit since 2020. A second unit has been assembled in 2022 and is being commissioned.
Purification Demonstration Plant	The purification demonstration unit is currently in production with a 2,000 tpa nameplate capacity.
Coating Demonstration Plant	Commissioning of the coating module is progressing with improvements to the equipment.
Phase 2 – Bécancour Battery Material Plant	Engineering of Phase 2, optimization of the Feasibility Study based on Panasonic's specifications as per the MoU offtake agreement, and piloting at Phase-1 facilities support finalization of projected operational parameters.

Matawinie Mine Project	
Phase 1 – Matawinie Mine Demonstration Plant	
Concentrator Demonstration Plant	Since September 2018, the Corporation has been operating a flake concentration demonstration plant.
Phase 2 – Matawinie Mine	Groundwork continued at the construction site in 2022 while engineering and procurement advance in parallel.
Uatnan Mining Project	
Phase 3 – Uatnan Mining Project	A preliminary economic assessment ("**PEA**") was carried out to leverage the Lac Guéret deposit resource and update operational parameters.

BÉCANCOUR BATTERY MATERIAL PLANT PROJECT

The Bécancour Battery Material Plant Project deployment strategy is divided in two phases. Phase 1 is currently under development in its existing facilities in Saint-Michel-des-Saints and in Olin Corporation's ("**Olin**") facility in the industrial park of Bécancour, Québec. The Bécancour Battery Material Plant Project for Phase 2 is planned to be located on a 200,000 m² parcel of land located in the industrial park of Bécancour, Québec, which the Corporation announced it acquired on January 21, 2021. An archeology potential study was carried out by the Grand Conseil de la Nation Waban-Aki in Q2-2022 for the Corporation's industrial land. No presence of archaeological artifacts was confirmed. The Corporation's Phase 2 site for the Bécancour Battery Material Plant Project is strategically situated for large-scale Anode Material production, with proximity to potential customers, access to key utilities (e.g., water, hydropower, gas), an adjacent chlor-alkali producer which provides access to key consumables, a skilled workforce and an adjacent deep-water international port on the St. Lawrence River.

The Bécancour Battery Material Plant Project is set to produce a wide range of graphite-based advanced materials through onsite shaping, purification and coating transformation units. The Corporation is testing and operating Phase-1 units for these beneficiation processes, thus informing the engineering of the planned Phase 2 facility that should produce about 43,000 tpa of active Anode Material, 3,000 tpa of purified jumbo flakes and other specialty products. The majority of the Matawinie Mine Project's production is targeted to be used as feedstock for value-added transformation at this plant. For

further details on the risk factors associated with the Bécancour Battery Material Plant Project, see “Risk Factors” in this Annual Information Form.

Figure 1 – Computer-Generated Illustration of the Planned Bécancour Battery Material Plant Project



Phase 1 – Demonstration Plants

Shaping Demonstration Plant

The Corporation has been operating a demonstration plant since February 2020 (the “**Shaping Demonstration Plant**”). The Shaping Demonstration Plant allows the Corporation to optimize the process parameters for two essential aspects of the future Anode Material production, micronization and spheronization, to manufacture dense spherical graphite particles with

the highest possible yield and throughputs using as feedstock the high purity flake concentrate from the Concentrator Demonstration Plant.

Figure 2 – Shaping Demonstration Plant



The micronization process typically uses jet or hammer mills to decrease graphite concentrate flakes to the desired size, before being split into different size fractions using an air classifier. Spheronization modifies the micronized graphite further by rounding the graphite shape in preparation for use as battery Anode Material. The Corporation's Shaping Demonstration Plant uses flake concentrate feedstock from its Concentrator Demonstration Plant and processes it through a micronization system to decrease the average flake size to <45 micrometre ("**µm**"). The micronization unit has the capacity to produce from 120 to 180 kilograms ("**kg**") of micronized graphite per hour ("**kg/hr**"), which is fed through the two spheronization systems at 125 kg/hr in total. The Corporation has tested the production of 7 µm to 35µm sized spheronized graphite and achieved yields of >60%.

The Corporation has collaborated with a western world equipment manufacturer in 2021 to test a new shaping technology. The successful results have led the Corporation to purchase another commercial-scale module, which can serve as a micronizer or spheronizer based on its configuration. The new equipment has the capacity to produce up to 1,250 kg/hr of micronized graphite or 215 kg/hr of spheronized graphite, thereby approximately tripling the Corporation's production capability. The equipment was successfully installed at the Corporation's facility in 2022. Detailed tests are being conducted to supplement those already performed at the equipment manufacturer's site, optimize the operating parameters, and enhance performance in terms of yield and throughput. Leveraging this new manufacturing technology, processes are being developed with the focus on achieving various potential customer specifications and ramping up production in 2023.

Purification Demonstration Plant

In January 2021, the Corporation started the construction of a purification demonstration plant (the "**Purification Demonstration Plant**") within existing space at Olin's facility in the industrial park of Bécancour, Québec. On October 26, 2020, the Corporation signed a five-year agreement with Olin, the largest chlor-alkali producer in the world, for the use of commercial space, supply of chemical consumables and site services to support the production and development of the Corporation's low-carbon thermochemical purification.

Traditional graphite purification techniques, not employed by the Corporation, utilize a combination of harmful acids or energy intensive thermal processes to reach battery-grade purity. In order to maintain a minimal environmental footprint with a focus on sustainable operations, the Corporation employs its proprietary carbochlorination purification technology,

which lowers the energy requirement to reach a battery grade of 99.95% concentrate graphite ("**Cg**") purity and utilizes Québec's low-cost, renewable hydropower.

The construction of the Corporation's first two commercial-scale pilot plant purification modules within the existing space at Olin's facility was completed in H2-2021. The scalable furnaces have a nameplate capacity of 2,000 tpa. In H2-2021, the Corporation produced spherical purified graphite demonstrating the performance of its proprietary purification ecotechnology; samples confirmed purity up to +99.99% Cg purity, above the level required for energy applications. In line with specific client specifications, the Corporation continues to test and optimize its purification process for both battery-grade active graphite materials and purified jumbo flakes for niche applications.

Figure 3 –Purification Demonstration Plant



Coating Demonstration Plant

The final process step to produce Anode Material consists of the application of an amorphous carbon coating on the surface of the 99.95% Cg spheronized purified graphite, from a carbon precursor in order to minimize the surface area and improve the stability of the SEI (solid-electrolyte-interface) and optimize the cycle life and long-term performance in the battery system. The Corporation is advancing with the deployment of its coated spherical purified graphite ("**CSPG**") production with the construction of its Phase 1 coating line (the "**Coating Demonstration Plant**" and, collectively with the Shaping Demonstration Plant and the Purification Demonstration Plan, the "**Battery Material Demonstration Plants**"). Commissioning of the coating module is continuing.

It is expected that the flake graphite feedstock for the Battery Material Demonstration Plants will be sourced primarily from the Concentrator Demonstration Plant that has been in operation since 2018 in Saint-Michel-des-Saints. However, flake

graphite concentrate purchased from third parties has also been used to complement from time to time the required supply, to qualify other sources of graphite and quantify the process parameters adjustment needed for various flake concentrate.

Figure 4 – Site of the Corporation's Phase 1 and Phase 2 Battery Material Demonstration Plants in Bécancour



De-Risking by Building Significant Battery Material Demonstration Plants and Strategic Research and Development ("R&D")

The production of CSPG used as Anode Material in lithium-ion battery ("LiB") involves three major process steps, namely shaping, purification and coating. Since early 2020, the Corporation has been operating one shaping module of commercial-scale in which it has processed over 2,200 batches to confirm the optimized process parameters and equipment performance profile to be implemented to consistently produce within customers' specifications. Significant equipment improvements and modifications were implemented on-site to achieve an optimum operating throughput and overall yield while maintaining constant "in-spec" quality material. Ongoing internal R&D programs on the shaping process are targeting manufacturing excellence by the enhancement of fundamental understanding of fluid dynamics and air flows by using as-built scan, numerical modelling and adoption of advanced automation and artificial intelligence technologies. The Corporation has also installed and is commissioning another commercial-scale shaping module at its facilities to approximately triple its spherical graphite production capacity. Detailed testing is being conducted with this equipment to supplement the tests performed at the equipment manufacturer's site, to optimize the operating parameters and enhance performance in terms of yield and throughput while achieving potential clients' specifications.

The Corporation developed its own proprietary thermochemical process and reactors for the construction of the Purification Demonstration Plant, which was completed in H2-2021 at Olin's facility adjacent to the Corporation's industrial site. In line with specific client specifications, the Corporation continues to test and optimize its purification process for both battery-grade active graphite materials and purified jumbo flakes for niche applications.

The final process step to produce Anode Material consists of coating the purified spherical graphite with a carbon-based material to minimize the surface area and enhance the stability of the solid electrolyte interface. The Corporation is currently commissioning the Coating Demonstration Plant. The Corporation is of the view that its strategy of de-risking the process by investing in a rapid deployment of a first up to scale complete module will allow a faster product qualification with LiB cell makers and more efficient and reliable engineering development.

As announced on October 5, 2021, the Corporation has completed the commissioning of its state-of-the-art laboratory at its Battery Material Demonstration Plants in Saint-Michel-des Saints, an addition to the Corporation's existing quality testing facilities. The Corporation's dedicated laboratory provides in-house capacity, flexibility and speediness in testing advanced materials and specifications for potential customers. The new lab facility comprises ultramodern equipment covering a range of technical measurements, namely particle size, tapped density, coin cell cycling with full coin cell preparation equipment, ICP trace element analysis, BET specific surface area as well as particle morphology, coating quality and impurity analysis by SEM-EDX, in support to the Corporation's Phase 1 Anode Material production.

Project Timeline

The Corporation has conducted in 2021 and 2022 and published in August 2022 a technical report entitled*NI 43-101 Technical Feasibility Study Report for the Matawinie Mine and the Bécancour Battery Material Plant Projects* with an effective date as of July 6, 2022 and an issue date as of August 10, 2022 (the "**2022 Technical Report**"), covering the Corporation's full-scale Phase-2 operations at the Matawinie Mine Project and Bécancour Battery Material Plant Project, based on the results from the demonstration modules. This feasibility study reflects the Corporation's integrated business model for a comprehensive planning, cost projection, and development framework. The project development pathway beyond detailed design and initiation of the construction phase will be determined based on discussions with financial partners and customer commitments.

MATAWINIE MINE PROJECT

Matawinie Graphite Property

The Matawinie Graphite Property includes 384 mining claims forming 7 non-contiguous claim blocks totalling 21,280 hectares as at December 31, 2022 and 380 mining claims forming 7 non-contiguous claim block totalling 21,045 hectares as at the date of this Annual Information Form (the "**Matawinie Graphite Property**"). The Tony claims block, which is part of the Matawinie Graphite Property and which is also known as the "**Mining Property**", consists of 159 contiguous map-designated claims totalling 8,266 hectares as at the date of this Annual Information Form. The main objective of exploration work on the Mining Property entails the identification of graphite mineralization with the goal to economically extract this critical and strategic mineral. The Corporation's Matawinie Mine Project is at a development stage with ongoing detailed engineering and construction targeting the Mining Property's West Zone, the subject of the 2022 Technical Report. Other exploration stage mineralized zones are also present on the Mining Property. Defined terms and abbreviations used in this section and not otherwise defined in this Annual Information Form have the meanings attributed to them in the 2022 Technical Report.

The Mining Property is located approximately 120 km as the crow flies North of Montréal, Québec in the Saint-Michel-des-Saints area. The Matawinie Graphite Property, including the West Zone, is easily accessible using the Corporation's newly built approximately 8 km access road connected to the local highway and is close to high quality infrastructure, including services and high-voltage power lines, which are needed for industrial activities.

Matawinie Mine

On August 10, 2022, the Corporation filed the 2022 Technical Report, the results of which were announced by the Corporation on July 6, 2022. See "Description of the Mineral Properties – The Matawinie Graphite Property" in this Annual

Information Form. The 2022 Technical Report reflects the Corporation's integrated business model for comprehensive planning, cost projection, and development framework.

Following its international call for prequalification as part of its procurement process for its all-electric fleet and charging infrastructure, the Corporation signed a collaboration agreement with Caterpillar Inc. ("**Caterpillar**") on June 22, 2021, under which Caterpillar will develop, test, and produce Cat® "zero-emission machines" for the Matawinie Mine Project with a view to becoming the exclusive supplier of an all-electric mining fleet for deployment at NMG's Matawinie Mine Project by Year 5 of Phase-2 operations. Caterpillar's and the Corporation's technical teams are actively engaged in assessing technology opportunities and planning the zero-emission fleet development and testing for the Phase-2 Matawinie Mine Project.

Flake Concentration Demonstration Plant

The Corporation operates a graphite flake concentration demonstration plant (the "**Concentrator Demonstration Plant**") since September 2018. The Concentrator Demonstration Plant produces natural graphite concentrate using mineralization from the West Zone deposit, part of its Matawinie Graphite Property. In addition to demystifying the future mining operations for the local community with an aim of achieving a high degree of social acceptability, the operation has allowed the Corporation to:

- qualify products with customers and establish sales;
- test and improve processes for optimized production; and
- recruit and train employees ahead of commercial operations.

UATNAN MINING PROJECT

On February 24, 2023, the Corporation and Mason Graphite issued a PEA entitled *NI 43-101 Technical Report – PEA Report for the Uatnan Mining Project* (the "**Uatnan Mining Project Report**"), in accordance with NI 43-101, for the new Uatnan Mining Project. The Corporation and its consultants revisited all components of Mason Graphite's original mining project to align the development of the Lac Guéret graphite deposit (the "**Uatnan Property**") with today's market opportunity and potential customers' requirements. The most recent technical report from Mason Graphite (SEDAR, Feasibility Study Update of the Lac Guéret Graphite Project issued on December 11, 2018) planned for a production of 51,900 tpa of graphite concentrate, with the concentrator and tailings facility located offsite in the town of Baie-Comeau, approximately 285 km to the south by road from the mining operations.

The Uatnan Mining Project Report optimizes the Mineral Resources and aims to expand the original mining project tenfold by targeting the production of approximately 500,000 tpa of graphite, entirely destined for the Anode Material manufacturing market. The concentrator has been relocated to be near the deposit with electrical needs to be sourced from the Manic-5 hydroelectric power station, located 70 km away.

The Uatnan Property lies on the southwestern shore of the Manicouagan Reservoir, within the *Rivière-aux-Outardes* municipality, located in the Côte-Nord Administrative Region, Québec, Canada, approximately 220 km as the crow flies, north north-west of the town of *Baie-Comeau*. This town is the nearest accessible community of significant size. Considering the significant modifications to Mason Graphite's original project, the Corporation initiated a name change with the collaboration of the Innu First Nation of Pessamit. The deposit is located on the Nitassinan, the Innu of Pessamit's ancestral territory, in a sector referred to as *Ka uatshinakanishkat* meaning "where there is Tamarack". Hence, the name *Uatnan* meaning Tamarack, a conifer prominent in the area, was chosen to identify the property and project. The graphite deposit identified on the property is still referred to as the Lac Guéret deposit and is centred on 51°07'N and 69°05'W and consists of 74 CDC claims of which 71 are located on NTS topographic map sheet 22N03 and three on sheet 22K14.

The Uatnan Property covers an area of 3,999.52 ha, all of which are 100% in the interest of Mason Graphite with the claims (74 claims) in good standing until July 17, 2024. The claims have not had any legal surveys. All claims are map-staked claims and are registered in the Québec GESTIM database.

As of the date of the Uatnan Mining Project Report, a mining lease request from Mason Graphite for the future mine was being evaluated by the *Ministère des Ressources naturelles et des Forêts du Québec* and the validity of three affected claims (CDC 1037522, CDC 1040768 and 1040769) was suspended as part of the normal evaluation procedure.

The Corporation and Mason Graphite entered into an investment agreement dated May 15, 2022 (the "**Investment Agreement**") and an option and joint venture agreement dated July 20, 2022 (the "**OJV Agreement**") to explore the potential development of the Uatnan Property. Those agreements align with the Corporation's growth strategy with a view to establishing a large and fully vertically integrated natural graphite production, from ore to battery materials, at the western markets' doorstep.

The transaction, as approved by Mason Graphite's shareholders, entails, among others and subject to the terms and conditions of the Investment Agreement and OJV Agreement:

- a $5 million equity investment by the Corporation in Mason Graphite, in two instalments; and
- the Uatnan Mining Project development through a preliminary economic assessment and bankable feasibility study following NI 43-101 rules and guidelines.
- Upon completion of technical studies and a $10-million investment in related works (which includes technical studies work), and at the time of acceptance of such technical studies work by Mason Graphite, the Corporation shall be deemed to have acquired 51% participation in the Uatnan Property and will be appointed as operator. The joint venture would be funded by each party per its proportionate share of each of the approved work programs and budget and all other expenditures approved in accordance with the OJV Agreement.

Following the successful initial closing of the Investment Agreement with Mason Graphite, the Corporation and Mason Graphite initiated the Uatnan Mining Project Report on the Uatnan Property with consultants BBA Inc. ("**BBA**") and GoldMinds Geoservices Inc. ("**GMG**"). On January 10, 2023, the Corporation released the results of the PEA and announced a name change to Uatnan Mining Project considering the significant modifications to Mason Graphite's original project.

Targeted as the Corporation's Phase-3, the Uatnan Mining Project aligns with the Corporation's growth strategy with a view to establishing a large and fully vertically integrated natural graphite production, from ore to battery materials, at the western markets' doorstep.

R&D ECOSYSTEM AND INDUSTRY LEADERSHIP

The Corporation has submitted a patent application for its proprietary thermochemical purification technology, a greener and more sustainable alternative to that currently used in traditional anode material production, to the U.S. Patent and Trademark Office as part of its intellectual property strategy. The Corporation has also submitted a provisory patent application to the U.S. Patent and Trademark Office on its purification equipment.

The Corporation is operating a laboratory at the Battery Material Demonstration Plants, an addition to the Corporation's existing quality testing facilities. This expansion was triggered by the Corporation's commitment to catering to the market's requirements for high-performing and environmentally responsible battery materials that can be tailored to a variety of specifications. The Corporation also maintains a portfolio of R&D projects to refine its line of specialty products based on market demands and innovations. To this end, the Corporation is working with a number of industry-leading technical

institutions in Canada such as, among others, the National Research Council Canada, the *Institut national de la recherche scientifique* (INRS), Corem, McGill University, University of Sherbrooke, *Université Laval* and *Université de Montréal*.

In August 2022, the Corporation secured a $5.75 million grant from Sustainable Development Technology Canada, a flagship program from the Government of Canada, for the deployment of its proprietary coating technology. The Québec Government also confirmed on January 13, 2023, a financial assistance of up to $3 million through its Technoclimat program for that project. The Corporation's innovative coating technology could generate up to 25% energy reduction, optimize production flow, and provide versatility for different precursors as R&D advances.

The Corporation has been admitted as an active member of the Global Battery Alliance, a World Economic Forum's initiative dedicated to helping establish a sustainable battery value chain, which makes the Corporation one of the first battery materials producers to be admitted. In January 2023, the Global Battery Alliance launched the Battery Passport proof of concept, a major leap towards globalized standards for sustainable battery production. The Corporation contributed to the endeavour by informing the Global Battery Alliance's traceability efforts and engaging as an active member of the association.

OBJECTIVES

The Corporation's main commercial business objectives from the date of this Annual Information Form and up to the next 12 to 18 months, subject to proper financing being secured in a timely manner, are, in no particular order, the following:

- Continuation of safe operations and environmental stewardship at the Corporation's Phase-1 facilities and construction sites, anchored in the Corporation's zero-harm philosophy.
- Structuring and securing project financing for the construction and development of the Corporation's Phase 2: the Bécancour Battery Material Plant Project and the Matawinie Mine Project.
- Signing of a definitive offtake agreement with an anchor customer for active Anode Material.
- Advancement of Phase-2 Matawinie Mine Project and Bécancour Battery Material Plant Project through early works, detailed engineering, procurement, and eventually construction once FID is reached.
- Optimization of Phase-2 Feasibility Study in line with Panasonic Energy's specifications and latest process enhancements at the Corporation's Phase-1 facilities.
- Increased production of custom advanced graphite materials meeting battery and electric vehicle makers' specifications with a focus on quality, high purity, lot-by-lot consistency, and battery-grade performance.
- Continued dialogue and engagement with local stakeholders, including the First Nations communities of Manawan (Atikamekw), Wôlinak (Abénakis) and Pessamit (Innu), to promote a shared perspective, maximize local benefits, and enhance projects' integration within their communities.
- Launch of a feasibility study for the Uatnan Mining Project.
- Delivering on the Corporation's sustainability commitment via the Climate Action Plan and pursuing its Sustainability Action Plan to elevate the Corporation's policies, programs, and partnerships, and improve its global ESG performance.

THREE-YEAR HISTORY

The events described below have influenced the general development of the business of the Corporation during the last three fiscal years of the Corporation ended December 31, 2020, 2021 and 2022 and up to the date of this Annual Information Form. Effective as of March 24, 2021, the Corporation implemented the Consolidation on the basis of the Consolidation Ratio. The numbers and price of the Common Shares and any other information on securities convertible into Common Shares provided in this section are stated on a post-Consolidation basis after giving effect to the Consolidation.

Fiscal Year Ended December 31, 2020

For the period between January 1, 2020, and December 31, 2020, the Corporation's continued primary focus was to obtain the Québec Government's environmental decree authorizing the Matawinie Mine Project (the "**Decree**"), start construction of its Bécancour Battery Material Plant Project, and launch demonstration operations for its value-added product ("**VAP**").

Municipality of Saint-Michel-des-Saints Collaboration Agreement

On January 24, 2020, the Corporation announced the signing of a collaboration and benefit-sharing agreement between the Corporation and the municipality of Saint-Michel-des-Saints (the "**Municipality**") for the Matawinie Mine Project (the "**Saint-Michel-des-Saints Collaboration Agreement**"). The Saint-Michel-des-Saints Collaboration Agreement was based on requests expressed by local stakeholders, on sustainable development principles, and on an agreement in principle reached in August 2018. According to the Saint-Michel-des-Saints Collaboration Agreement, which shall cover the Matawinie Mine Project's entire commercial operating life, the Corporation shall pay the Municipality the following amounts: (a) the greater of (i) 0.4% of the estimated net cash flow after taxes for the duration of the operation of the Matawinie Mine Project representing $400,000 annually or (ii) 2% of the net cash flow after taxes resulting from the operation of the Matawinie Mine Project during a calendar year; and (b) between the date of the Saint-Michel-des-Saints Collaboration Agreement and the first calendar year of commercial production, an aggregate annual amount of $400,000 (this lump sum representing an advance payment which will be deducted from the variable participation payments set out above in (ii) payable during commercial production. Also, as of the second calendar year of commercial production and for each subsequent calendar year of operation of the Matawinie Mine Project, 1% of the net cash flow after taxes resulting from the operation of the Matawinie Mine Project during the preceding calendar year shall be injected into a fund to be established by the Corporation to help stimulate development projects for the communities of the Upper Matawinie region. Through a liaison committee, which is complementary to the monitoring committee that will be established as per the Mining Act (Québec), the Municipality will also have the chance to actively participate in shaping, implementing and monitoring the Matawinie Mine Project. The community fund will be administered by a trust organization and will promote things such as economic sustainability and community vitality beyond the mine's operating period.

Matawinie Mine Project Update

On January 28, 2020, the Corporation announced the renewed support for the Matawinie Mine Project and provided an update on its social acceptability efforts. The most recent survey conducted by Marketing Léger Inc. confirmed favourable reception of the Matawinie Graphite Property, with 82% of respondents calling the project positive or very positive. The results have remained consistent, with an equivalent rate of support (83% in 2018 and 82% in 2019) and viewpoints that remain positive regarding economic benefits (89%) and community integration with respect to quality of life (76%) and the environment (70%). In addition to refining the project, open dialogue with the community has helped identify avenues for integration and revealed a strong interest in training, employment and business opportunities.

On March 19, 2020, the Corporation announced an updated pit-constrained mineral resource estimate for its West Zone deposit, located in the Tony claims block, which is part of its Matawinie Graphite Property. See "Description of the Mining Properties – Matawine Mine Project" for a technical information update as of the date of this Annual Information Form.

On March 30, 2020, the Corporation provided an update on the progress of its Matawinie Mine Project and announced that it remained focused on its business objectives despite the social and economic disruptions brought by the COVID-19 pandemic. The development of the mine and concentrator for the Matawinie Mine Project continued to advance; detailed engineering of the site for the concentrator and the process continued in teleworking format with team members and consultants; the class 2 estimate was expected to be completed at the end of Q3-2020 as well as the commissioning of long-lead equipment; and work required for the Matawinie Mine Project permitting was also progressing. Exceptional measures were temporarily deployed to get through this period of economic instability, including the temporary suspension of operations at the Concentrator Demonstration Plant and the temporary layoff of some hourly, administrative and maintenance personnel.

On April 15, 2020, the Corporation announced that it had mandated *Hydro-Québec* to carry out the preliminary project encompassing the development, installation and operation of a 120-kV electrical line that will supply its Matawinie Mine Project and help the Corporation meet its carbon-neutrality targets. The goal is to connect the Matawinie Mine Project and its concentrator to the power network via a dedicated line expected to be powered up for the start of the Matawinie Mine Project's operations.

On June 26, 2020, the Corporation announced that it had received the report and recommendations of the *Bureau d'audiences publiques sur l'environnement* ("**BAPE**") regarding its Matawinie Mine Project. The inquiry commission positively evaluated the economic, environmental, and social parameters developed by the Corporation, and pointed out opportunities for enhancement.

Bécancour Battery Material Plant Project Update

On February 26, 2020, the Corporation announced the successful commissioning of its demonstration micronization and spheronization line. The first samples of spherical graphite attested the performance of the secondary transformation process developed by the Corporation. The successful commissioning of the commercial-scale equipment received at the Concentrator Demonstration Plant on December 20, 2019, will allow the Corporation to move forward with its strategy to supply the LiB market with a product that is ethically and sustainably extracted and processed.

On March 30, 2020, the Corporation announced that, in parallel to the promising preliminary results obtained at its micronization and spheronization unit, planning for the construction of the Purification Demonstration Plant continued for the purification of spherical graphite.

On October 27, 2020, the Corporation announced a five-year agreement with Olin which covered the commercial space for operations, site services and the supply of certain raw materials to implement the Corporation's thermochemical purification operations. The Corporation intends to construct two pilot commercial-scale purification furnaces within Olin's existing facility in the industrial park of Bécancour, Québec.

On November 12, 2020, the Corporation announced that its advanced graphite-based Anode Material outperformed leading Asian commercial producers. The Corporation's reversible capacity (or energy density) performed at 365 milliamp hours per gram ("**mAh/g**"), above the 360 mAh/g of Asian peers, with similar charging efficiency, and above the minimum customer specifications requirement of 350 mAh/g. The Corporation also announced that its proprietary carbon coating technology would be incorporated into the Coating Demonstration Plant.

Assignment and Assumption Agreement with Pallinghurst Graphite

On December 17, 2020, the Corporation and Pallinghurst Graphite Limited ("**Pallinghurst Graphite**") entered into an assignment and assumption agreement (the "**Assignment and Assumption Agreement**") pursuant to which, and subject to the terms of the Assignment and Assumption Agreement, the rights and obligations of Pallinghurst Graphite under the Pallinghurst Transactions had been assigned to Pallinghurst Graphite International Limited ("**Pallinghurst International**"), an entity that has control over Pallinghurst Graphite.

Board of Directors and Management Appointments

On September 1, 2020, the Corporation announced role changes at its board of directors (the **Board of Directors**") to guide its corporate development strategy. Mr. Arne H Frandsen, co-founder of The Pallinghurst Group, now serves as Chair of the Board of Directors, and Mr. Daniel Buron, Executive Vice President and Chief Financial Officer of Domtar Corp., now serves as Lead Independent Director and Chair of the Audit Committee. The Corporation also announced the issuance of an aggregate of 1,037,587 Common Shares at a price of $0.20 per Common Share (pre-Consolidation), for an aggregate amount of $207,517, to 31 of its employees in settlement of an unpaid portion of wages owing that corresponded to a temporary proactive capital management measures put in place in response to COVID-19. The Board of Directors also

granted a total of 6,325,000 stock options (pre-Consolidation) to officers and directors. These stock options were granted pursuant to the terms and conditions of the Corporation's stock option plan.

On November 30, 2020, the Corporation announced the nomination to its Board of Directors of Mrs. Nathalie Pilon and Mr. James Scarlett effective on December 1, 2020, following the decisions by Mr. Pierre Renaud and Mr. Marc Prud'homme to retire from the Board of Directors.

Collaboration Agreement with Forge Nano

On October 6, 2020, the Corporation announced that it had entered into a collaboration agreement with Forge Nano Inc. ("**Forge Nano**"), a corporation based in Colorado, U.S., for the use of Forge Nano's proprietary atomic laser disposition-coating technologies. The collaboration agreement sets out a multi-phase partnership, which will allow the Corporation the opportunity to commence production in the near-term, while preparing for commercial production.

Opening of the Corporation's Office in London, United Kingdom

On November 5, 2020, the Corporation announced the opening of its first sales office outside of North America, located in London, UK, which will allow the Corporation to readily respond to the growing enquiries from local customers and other stakeholders as commercial discussions intensify with European automakers for the Corporation's battery Anode Material.

Issuances for Cash Consideration

On March 19, 2020, the Corporation announced that the repayment of the June 2019 unsecured financing with Pallinghurst Graphite for an aggregate amount of $2,000,000 bearing interest at a rate of 9% per annum (the "**2019 Unsecured Financing**") was extended to December 31, 2020. As of March 19, 2020, the other terms of the 2019 Unsecured Financing remained unchanged. The Corporation also announced the closing of a new unsecured financing with Pallinghurst Graphite for an aggregate amount of $2 million upon the same terms as the 2019 Unsecured Financing (the "**2020 Unsecured Financing**"), bearing an interest rate of 9% per year with the repayment of the capital and the accrued interest fixed at the latest on December 31, 2020.

On April 29, 2020, the Corporation announced the receipt of non-dilutive financing totalling approximately $5,206,905 comprising (i) non-refundable financial assistance of a maximum of $3,000,000 from the Québec Government Crown Company *Transition énergétique Québec* through the "Technoclimat" program; (ii) $1,994,405 in funding closed with Investissement Québec ("**IQ**") through two loan offers (the "**Loan Offers**") that were ready to be disbursed as per the Corporation's cash flow needs, subject to the Loan Offer conditions; and (iii) a 5% increase to Sustainable Development Technology Canada's $4,250,000 initial 2019 grant, representing an additional $212,500. The Loan Offers comprised a $641,090 loan at an interest rate equal to the prime rate plus 0.07% and a $1,353,315 loan at an interest rate equal to the prime rate. The interest is to be paid monthly throughout the term, whereas the capital is to be repaid by no later than the term's expiry on June 30, 2021. To secure its obligations set out in the Loan Offers, the Corporation granted two first-ranking mortgages for a total of $1,994,405 covering the universality of its present and future receivables, including the universality of its tax credits.

On June 30, 2020, the Corporation announced that Canada Economic Development for Québec Regions had agreed to grant $1,500,000 in repayable funding to the Corporation to implement its secondary transformation processes to manufacture spherical purified graphite at the Bécancour Battery Material Plant Project.

On July 15, 2020, the Corporation announced that it had reached an agreement with Pallinghurst Graphite (the "**Royalty Agreement**") for financing transactions totalling approximately $20 million to fund the next phase of the Corporation's development. The Corporation entered into a convertible bond subscription agreement (the "**Pallinghurst Subscription Agreement**") with Pallinghurst Graphite pursuant to which the Corporation issued to Pallinghurst Graphite a secured convertible bond (the "**Bond**") in the principal amount of $15 million (the "**Bond Transaction**"). Concurrently, the

Corporation also entered into a royalty purchase agreement with Pallinghurst Graphite pursuant to which Pallinghurst Graphite agreed to exchange the principal amount and accrued interest under its existing debt facility of approximately $5 million, including accrued interest, into a net smelter return royalty (the "**Royalty**") on the Matawinie Graphite Property, with a partial buy-back option for the Corporation (the "**Royalty Transaction**" and together with the Bond Transaction, the "**Pallinghurst Transactions**"). See "Agreements with Pallinghurst Graphite". Concurrently with the issuance of the Bond, the Corporation issued to Pallinghurst Graphite Common Share purchase warrants entitling Pallinghurst Graphite to purchase up to 75,000,000 Common Shares (pre-Consolidation), subject to customary anti-dilution clauses, at a price of $0.22 per Common Share for a period of 36 months from the issuance date of the warrants (the "**Pallinghurst Warrants**"). The proceeds of the Bond Transaction were to be used for the development of the Matawinie Mine Project and general working capital purposes of the Corporation. The approval of disinterested shareholders of the Corporation for the Pallinghurst Transactions was obtained at the annual general and special meeting of shareholders of the Corporation held on August 27, 2020. Closing of the Pallinghurst Transactions took place on August 28, 2020.

On December 31, 2020, the Corporation announced the issuance of an aggregate of 766,351 Common Shares at a price of $1.04 per Common Share (pre-Consolidation) to Pallinghurst International in settlement of interest owed on the Bond.

Other

During the fiscal year ended December 31, 2020, 1,450,000 stock options were exercised by members of the Board of Directors, employees and consultants of the Corporation, at a weighted average exercise price of $0.30, in respect of which the Corporation received $440,000 and issued 1,450,000 Common Shares (pre-Consolidation). During the same period, the Corporation granted 11,925,000 stock options (pre-Consolidation) to members of the Board of Directors, employees and consultants of the Corporation to purchase the same number of Common Shares.

During the fiscal year ended December 31, 2020, 8,722,914 warrants (pre-Consolidation) were exercised by shareholders of the Corporation, at a weighted average exercise price of $0.35, in respect of which the Corporation received $3,053,000 and issued 8,722,914 Common Shares (pre-Consolidation).

During the fiscal year ended December 31, 2020, no broker warrants were exercised by agents or intermediates.

Fiscal Year Ended December 31, 2021

For the period between January 1, 2021, and December 31, 2021, the Corporation's continued primary focus was to obtain the Decree for its Matawinie Mine Project, enabling the construction of its commercial mining facilities, and to complete the construction and commissioning of its Purification Demonstration Plant.

Bécancour Battery Material Plant Project Update

On January 21, 2021, the Corporation announced it had made significant progress on the advancement of its Phase 1 purification operation at Olin's facility in the industrial park of Bécancour, Québec. Olin's move-in ready space had proven advantageous in accelerating preparation and construction times for the Corporation. The Corporation also announced the successful completion of the strategic acquisition of the 200,000 m² land for the Phase 2 expansion (commercial stage) in the Bécancour industrial park. This important milestone further cemented the Corporation's vertical integration model, allowing the Corporation to benefit from full exposure to the entire "mine-to-market" battery materials value chain. Besides LiB, the Corporation's high-purity graphite products will target high-growth markets such as fuel cells, and 5G heat dissipation foils.

On January 26, 2021, the Corporation announced it was advancing with the deployment of its environmentally friendly CSPG Anode Material. The production of CSPG is part of the Corporation's broader supply of Anode Material to the electrical vehicle and renewable energy storage industries. The Corporation has successfully completed the detailed engineering study and procurement of equipment has commenced for its Phase-1 production line. The initial capacity of the

facility is targeted at 2,000 tpa with scope for significant expansion in a Phase 2. The Corporation also announced an exclusive collaboration with Professor Philippe Ouzilleau, a specialist in materials engineering from McGill University, to optimize performance and sustainability of the Corporation's Anode Material for LiB. In a show of support for this project, the Québec Government had provided the Corporation with a grant to partly fund the development of the Corporation's spherical graphite coating initiative.

The Corporation received from *the Ministère de l'Environnement et de la Lutte contre les changements climatiques* ("**MELCC**") an authorization dated February 17, 2021 for the thermochemical purification operations at the Purification Demonstration Plant.

On June 8, 2021, the Corporation announced that geotechnical works for construction and environmental baseline studies had started at the Corporation's 200,000 m^2 parcel of land located at Bécancour, Québec, on which the Bécancour Battery Material Plant Project will be located, and that BBA had been awarded the mandate to complete the FEL-3, following positive results provided by the FEL-1, and which was published in Q3-2022.

On September 23, 2021, the Corporation announced the addition to Phase 1 operations of another commercial-scale shaping module as well as the advancement of the detailed engineering and the completion of procurement of all key equipment for the Phase 1 coating line for a targeted capacity of 2,000 tpa of CSPG. The Corporation also announced that it had initiated test batches at its Phase 1 Purification Demonstration Plant and that it planned to produce meaningful battery-grade samples starting in 2022 to advance the product qualification process with battery and EV manufacturers, to support the Corporation's commercial discussions.

On November 16, 2021, the Corporation announced that the construction of the Phase 1 coating line was progressing on time and on budget. The Corporation also specified that it completed construction of its Phase 1 Purification Demonstration Plant, on budget and with limited timeline impact following delays in equipment deliveries. Samples produced at 99.99% purity in the final stages of commissioning confirmed the high-quality, battery-grade specifications of the material. The Corporation also specified that it was continuing its FEL-3 to reflect the Corporation's integrated business model for a comprehensive planning, cost projection, and development framework.

Matawinie Mine Project Update

On February 10, 2021, the Corporation announced the Québec Government had issued the Decree authorizing the Matawinie Mine Project, covering a production level of 100,000 tpa of high-quality graphite material. The Corporation's development plan embraces sustainable development measures, including water management system, tailings co-disposal, progressive land reclamation and biodiversity protection, acclaimed by the government's environmental experts. The Corporation is also advancing environmental engineering efforts in order to ensure optimal design of the site's infrastructure and progressive reclamation with vegetation that bolsters biodiversity and captures carbon. The community welcomed the project as a positive contributor for socio-economic development, including direct and indirect employment. An experienced team was assembled to finalize robust project schedule, costs, authorization and execution; with tree clearing of the industrial pad and access road of the Matawinie Mine Project started in Q1-2021.

The Corporation received permits for tree clearing works of the industrial pad and access road of the Matawinie Mine Project issued by the Québec Government, including an authorization from the *Ministère des Forêts, de la Faune et des Parcs* (now known as *Ministère de l'Énergie et des Ressources Naturelles* ("**MERN**") dated March 4, 2021, a temporary territory occupancy permit from the MERN dated February 24, 2021, and an authorization from the MELCC dated February 26, 2021, and an attestation of conformity from the municipality of Saint-Michel-des-Saints dated February 24, 2021.

On July 29, 2021, the Corporation announced the launch of civil construction works for the Matawinie Mine Project, including the construction of the access road connecting the local highway to the industrial platform, and the steady progress of detailed engineering, enabling the Corporation to advance its procurement efforts for construction contracts and ore processing equipment. The Corporation also specified that it concluded an agreement with Metso Outotec Canada Inc., a

global service provider specializing in sustainable minerals processing technologies and end-to-end solutions, to supply key mineral processing equipment required for the Matawinie concentrator plant.

On November 16, 2021, the Corporation announced that civil works were progressing at the Matawinie Mine Project, with the access road substantially completed at year-end and civil works on the industrial platform continuing in 2022. Also, the Corporation specified that the 2022 Technical Report for the Matawinie Graphite Property prepared pursuant to NI 43-101 will be updated and take into account the latest mineral resource update and the value-added transformation steps that are part of the Bécancour Battery Material Plant Project.

On December 22, 2021, the Corporation provided an overview for the year 2021, which included, among other things, an announcement regarding the continuous advancement of detailed engineering of the Matawinie Mine Project concentrator plant and mining infrastructure, and the progress at year-end of overall engineering, estimated at 55%.

Agreement with Lithion Recycling

On June 10, 2021, the Corporation announced the entering into of a collaboration agreement with Lithion Recycling Inc. ("**Lithion**") for the recovery and value-added transformation of recycled graphite for reuse as Anode Material for LiB. The collaboration agreement is expected to leverage the Corporation's and Lithion's proprietary processes and expertise to promote graphite circularity and better position both companies in the evolving global market. The Corporation believes that the local, Canadian, and North American ecosystems in the strategic minerals, battery materials and electrification sectors could be strengthened by the development of a cost-effective technical and commercial solution for recycled graphite.

Agreement with Caterpillar

On June 22, 2021, the Corporation announced it has entered into a collaboration agreement with Caterpillar under which Caterpillar will develop, test and produce Cat® "zero-emission machines" for the Matawinie Mine Project, with a view to becoming the exclusive supplier of an all-electric mining fleet for deployment at the Phase 2 Matawinie Mine Project 5 years after the mine start-up.

Agreement with SD Capital Advisory Limited and GKB Ventures Limited

On July 21, 2021, the Corporation announced the appointment of SD Capital Advisory Limited and GKB Ventures Limited as joint financial advisors to assist the Corporation with the structuring and arranging of project financing, with a focus on export credit agencies, for the development of the Matawinie Mine Project and the Bécancour Battery Material Plant Project.

Research and Development

On August 13, 2021, the Corporation announced it had submitted a patent application for its proprietary thermochemical purification technology to the U.S. Patent and Trademark Office as part of its intellectual property strategy. Leveraging Québec's hydropower, the Corporation's technology is intended to avoid using hydrofluoric acid in favour of high temperatures and the addition of a chlor-based reagent.

On October 5, 2021, the Corporation announced the building and commissioning of an advanced laboratory and R&D facility with the in-house capacity for testing Anode Material and providing customized specifications to battery and EV manufacturers.

The Bond Transaction

On October 18, 2021, the Corporation announced that Pallinghurst International, the holder of the Bond, had converted the full outstanding principal amount of the Bond into Common Shares, demonstrating Pallinghurst International's continuing

support of the Corporation and its ongoing project development initiatives. Also, the Corporation specified that it elected to settle the accrued and unpaid interest owing under the Bond of $1,900,463 by issuing an additional 220,471 Common Shares at $8.62 per Common Share.

ESG

On April 13, 2021, the Corporation announced the launch of its climate action strategy for a carbon-neutral footprint. The Corporation committed to past, present and future carbon neutrality and compensated its historical emissions through the purchasing of verified carbon credits.

On October 14, 2021, the Corporation published its inaugural ESG report (the "**ESG Report**"), to disclose its managerial approach to addressing material topics and highlight significant sustainability milestones and indicators.

Global Battery Alliance

On August 31, 2021, the Corporation announced it had been admitted as an active member of the Global Battery Alliance, a World Economic Forum's initiative comprising leading players of the industry with a view to helping establish a circular and sustainable battery value chain.

Board of Directors and Management Appointments

On January 6, 2021, the Corporation announced the appointment of Mr. David Torralbo to the position of Chief Legal Officer and Corporate Secretary of the Corporation.

On April 6, 2021, the Corporation announced the appointment of Dr. Jürgen Köhler to its Board of Directors effective on April 1, 2021.

On May 13, 2021, the Corporation announced the appointment of Mr. Andrew Willis to its Board of Directors, effective as of that date, in replacement of Mr. Christopher Sheperd who submitted his resignation.

Consolidation

On March 24, 2021, the Corporation announced that, following the approval of its shareholders, it had implemented the Consolidation on the basis of the Consolidation Ratio, which was determined by the Corporation's Board of Directors in accordance with the parameters authorized by the Corporation's shareholders at the Corporation's special meeting of shareholders held on March 23, 2021. The consolidation took effect on March 24, 2021, and the Common Shares commenced trading on the TSX Venture Exchange (the "**TSXV**") on a post-Consolidation basis at the open of markets on March 31, 2021.

Issuances for Cash Consideration

On January 13, 2021, the Corporation announced that it had entered into an agreement with BMO Capital Markets ("**BMO**"), under which BMO had agreed to buy, on a bought deal basis, Common Shares, for gross proceeds of approximately $15 million (the "**2021 Bought Deal**"). The Corporation also announced that it had concurrently launched a non-brokered private placement for total gross proceeds of approximately $5 million, on the same terms as the 2021 Bought Deal, with institutional investors (the "**2021 Private Placement**"). On January 20, 2021, the Corporation announced the closing of the 2021 Bought Deal pursuant to which the Corporation issued an aggregate of 11,896,750 Common Shares at a price of $1.45 per Common Share (pre-Consolidation) for gross proceeds to the Corporation of $17,250,288, which included the exercise, in full, by BMO of the over-allotment option granted by the Corporation to purchase an additional 1,551,750 Common Shares at a price of $1.45 per Common Share (pre-Consolidation). Pallinghurst International and Charles-Armand Turpin, insiders of the Corporation, purchased, respectively, 2,379,316 and 690,000 Common Shares (pre-

Consolidation) pursuant to the 2021 Bought Deal. On February 12, 2021, the Corporation announced the closing of the 2021 Private Placement for gross proceeds of $5.75 million pursuant to which the Corporation issued an aggregate of 3,965,516 Common Shares at a price of $1.45 per Common Share (pre-Consolidation) IQ, acting as mandatary for the Québec Government, subscribed for 3,172,413 Common Shares (pre-Consolidation), and Pallinghurst International, an insider of the Corporation, subscribed for the remainder of the Common Shares.

On February 1, 2021, the Corporation announced it had secured $16.5 million from the exercise of the Pallinghurst Warrants. Pallinghurst International transferred those warrants to its shareholders on January 29, 2021, with the objective of offering the direct opportunity to invest further in the Corporation through the exercise of those warrants.

On February 16, 2021, the Corporation announced the evaluation of an additional listing on a major U.S. stock exchange and the calling of a special meeting of its shareholders for the purpose of seeking authorization from the Corporation's shareholders to enable the Board of Directors to consider a consolidation of the Common Shares at a ratio that will result in a post-Consolidation price that meets the listing requirements for the selected U.S. stock exchange.

On March 26, 2021, the Corporation filed a preliminary base shelf prospectus with the securities regulatory authorities in each of the provinces of Canada (excluding the territories) in order to enable the Corporation to offer Common Shares, debt securities, convertible securities, subscription receipts and warrants or any combination thereof for up to a maximum of $500,000,000 during a 25-month period.

On March 29, 2021, the Corporation announced that it had filed an application to list the Common Shares on the New York Stock Exchange (the "**NYSE**").

On May 19, 2021, the Corporation announced that it had received approval for the listing of its Common Shares on the NYSE and that its shares were expected to commence trading on the NYSE on May 24, 2021 under the symbol "NMG". On the same day, the Corporation filed the final base shelf prospectus with the securities regulatory authorities in each of the provinces of Canada (excluding the territories) in order to enable the Corporation to offer Common Shares, debt securities, convertible securities, subscription receipts and warrants or any combination thereof for up to a maximum of $500,000,000 during a 25-month period.

On June 23, 2021, the Corporation announced the closing of an underwritten public offering (the "**2021 Offering**") of 7,915,000 of its Common Shares, which included the partial exercise by the underwriters of their option to purchase additional Common Shares, at a price of US$7.50 per Common Share for aggregate gross proceeds of US$59,362,500.

On July 23, 2021, the Corporation announced the closing of a non-brokered private placement (the "**IQ Private Placement**") of Common Shares pursuant to which the Corporation issued to IQ, acting as mandatory for the government of Québec, a total of 1,978,750 Common Shares at a price of $9.25 per Common Share for proceeds to the Corporation of approximately $18.3 million. The IQ Private Placement was launched concurrently with the 2021 Offering.

Other

During the fiscal year ended December 31, 2021, 720,001 stock options were exercised by members of the Board of Directors, employees and consultants of the Corporation, at a weighted average exercise price of $3.06, in respect of which the Corporation received $2,202,000 and issued 720,001 Common Shares. During the same period, the Corporation granted 735,000 stock options to members of the Board of Directors, employees and consultants of the Corporation to purchase the same number of Common Shares.

During the fiscal year ended December 31, 2021, 7,821,700 warrants were exercised by shareholders of the Corporation, at a weighted average exercise price of $2.25, in respect of which the Corporation received $17,627,000 and issued 7,821,700 Common Shares.

During the fiscal year ended December 31, 2021, no broker warrants were exercised by agents or intermediates.

Fiscal Year Ended December 31, 2022 and up to the date of this Annual Information Form

For the period between January 1, 2022 and up to the date of this Annual Information Form, the Corporation's continued primary focus was to advance and publish the 2022 Technical Report, to complete the construction and commissioning of its Shaping Demonstration Plant and its Coating Demonstration Plant, to sign a strategic investment and a memorandum of understanding for an offtake agreement for its Phase 2, to advance negotiations for an impact and benefit agreement with the Atikamekw First Nation of Manawan, to invest into the Uatnan Mining Project with a view to develop it as the Corporation's Phase-3 and to advance Phase-2 project financing.

Mason Graphite

On May 16, 2022, the Corporation announced that it had entered into the Investment Agreement with a view towards the development and operation of Mason Graphite's Uatnan Property. On closing of the transaction, the Corporation and Mason Graphite will enter into the OJV Agreement, pursuant to which the parties will collaborate to advance the property, based in Québec, Canada, with a view to form a joint venture. In addition, the Corporation makes an equity investment in Mason Graphite of an aggregate amount of up to C$5 million payable in two installments. The conditions for the formation of the joint venture include: (i) a minimum of C$10 million of expenditures from the Corporation on the property, and (ii) the completion of an updated feasibility study on the property based on an estimated production scale of a minimum of 250,000 tpa of graphite concentrate, to be ascertained based on customer demand as well as technical and environmental possibilities. Assuming the exercise of the option and formation of the joint venture, the Corporation's and Mason Graphite's interest in the joint venture would be 51% and 49%, respectively, and the Corporation would be appointed as operator of the joint venture. The joint venture would also be funded by the Corporation and Mason Graphite on a pro rata basis and failure to fund work program commitments in the joint venture would result in a 1% dilution for each unfunded tranche of C$5 million.

On July 20, 2022, the Corporation announced the closing of the transactions contemplated under the Investment Agreement between the Corporation and Mason. Pursuant to the Investment Agreement, the Corporation has entered into the OJV Agreement. Concurrently with the execution of the OJV Agreement, the Corporation and Mason Graphite have completed the private placement of 5.0 million common shares of Mason Graphite at a price of $0.50 per share for gross proceeds to Mason Graphite of $2.5 million. The entering into the OJV Agreement, the granting of the Option and the formation of the Joint Venture, among others, have been approved at Mason Graphite's special meeting of shareholders held on July 14, 2022.

On January 10, 2023, the Corporation announced the positive results of the Uatnan Mining Project Report for the Uatnan Mining Project, one of the world's largest graphite projects in development with indicative NPV in excess of C$2 billion. The Uatnan Mining Project Report demonstrates attractive economics for a targeted production of approximately 500,000 tpa over a 24-year life of mine. The results indicate an after-tax IRR of 25.9% and an 8% discount rate NPV of C$2,173 million based on current pricing projections for flake concentrate. On the basis of these positive results, the Corporation announced it intends to launch an updated feasibility study in compliance with the OJV agreement.

On February 27, 2023, the Corporation announced the filing on SEDAR and EDGAR of the Uatnan Mining Project Report, which shows that the Uatnan Mining Project is technically feasible as well as economically viable.

Matawinie Mine Project

On May 13, 2022, the Corporation announced that it is continuing detailed engineering and optimization for the construction of the Phase-2 Matawinie Mine Project, notably on overall site layout, concrete lots, steel and architecture drawings, supported by the finalization of process design parameters, civil infrastructure plans and specifications emissions for

construction and equipment selection. In preparation of the mining infrastructure, tree clearing activities and implementation of environmental protection infrastructure resumed in Q1-2022 to prepare the site for the next phase of civil works.

Bécancour Battery Material Plant Project

On June 17, 2022, the Corporation announced the start of the commissioning of its coating line completing its integrated Anode Material production. The construction of the Corporation's coating is essentially completed safely and on budget; cold commissioning is underway. The Corporation's innovative coating technology is projected to generate up to 25% energy reduction compared to the dominant manufacturing operations, with a minimal environmental footprint thanks to the Corporation's access to clean hydropower and its strong ESG operational parameters. The technology built in this Phase 1 is planned to be replicated and scaled up for the Phase-2 Bécancour Battery Material Plant Project.

Feasibility Study

On July 6, 2022, the Corporation issued the results of the 2022 Technical Report for the Matawine Mine Project and the Bécancour Battery Material Plant Project, an integrated ore-to-anode-material model projected to be North America's largest natural graphite operation with attractive economics. The 2022 Technical Report indicates a 21% after-tax IRR and NPV of $1,581 million based on current projections of pricing prepared by a third-party expert for flakes and advanced graphite materials. The study, conducted by engineering firm BBA with the support of various technical consultants, has demonstrated strong economics for the Corporation's model as the battery and EV manufacturers seek alternatives for sourcing their graphite-based solutions amidst growing demand and projected structural deficit of production in the next decade. For more information regarding the 2022 Technical Report, see "Description of the Mineral Property – The Matawinie Graphite Property" of this Annual Information Form. A copy of the complete 2022 Technical Report is also available on the SEDAR Corporation's profile at www.sedar.com and on the EDGAR Corporation's profile at www.sec.gov.

On August 11, 2022, the Corporation announced the filing on SEDAR and EDGAR of the 2022 Technical Report.

2022 Private Placement

On October 20, 2022, the Corporation, Mitsui & Co., LTD ("**Mitsui**") and Panasonic Energy Co., Ltd. ("**Panasonic Energy**"), a wholly owned subsidiary of Panasonic Holdings Company ("**Panasonic**"), have entered into a framework agreement establishing the terms of the commercial relationship between the parties to enable the next development steps of the Corporation's ore-to-battery-market integrated graphite project in Québec, Canada. The Corporation also announced its intention to complete a US$50 million private placement with Mitsui, Pallinghurst Bond Limited ("**Pallinghurst Bond**") and IQ, the proceeds of which will be use to work in the upcoming months on optimizing the 2022 Technical Report on the Corporation's Phase-2 Commercial integrated operations, based on the memorandum of understanding for the contemplated offtake agreement. The strategic transaction comprises a non-binding memorandum of understanding (the "**Panasonic MoU**") on an offtake by Panasonic Energy of a significant portion of the Corporation's green active Anode Material out of the Corporation's integrated Phase-2 Commercial production facilities over a multi-year term. While there can be no assurance that a final offtake agreement with Panasonic Energy will be completed, the Corporation and Panasonic Energy will work together in the upcoming months to establish a definitive offtake agreement. As mentioned above, a framework agreement was signed by the Corporation, Mitsui and Panasonic Energy (the "**Framework Agreement**") that defines the role and responsibilities of the parties in the coming months, including optimization of the 2022 Technical Report and other important project-related operational milestones. Pursuant to letter agreements and/or investment agreements, Pallinghurst Bond, Mitsui and IQ have been granted certain rights relating to each party's investment in the Corporation. These include certain nomination and anti-dilution rights, and, for Pallinghurst Bond and Mitsui, certain marketing rights for future sales of the Corporation's active Anode Material. The Corporation plans to use the proceeds from the investment to support the finalization of the design, operation, marketing, and corporate parameters of the Phase-2 Matawinie Mine Project and Bécancour Battery Material Plant Project. The intention is to proceed with project financing and the final investment decision ("**FID**") on both the Matawinie Mine Project and Bécancour Battery Material Plant Project once that optimization

phase is completed and all operational variables are well understood. The Corporation anticipates a 28-month construction period following FID to bring its operations to commercial production.

ESG

On January 19, 2022, the Corporation reported, among other things, that Moody's ESG Solutions had provided a Sustainability Rating of A2 (Robust), the second-highest grade on its rating scale, to the Corporation.

On February 24, 2022, the Corporation, in line with its prior commitments, released its Climate Action Plan (the "**Climate Action Plan**") that maps its transition from a carbon-neutral production to a Net-Zero business model and reflects expectations and dialogue with its stakeholders ahead of its full-scale commercial activities. The Corporation's commitments aim fundamentally at reducing its embedded emissions as quickly as possible and internalizing the costs for each past, present, and future tonne of CO_2 emitted into the atmosphere. The Corporation has mapped its climate strategy around transparent reporting, reduction of its climate impact, transition to Net-Zero, R&D for low-carbon materials and activities, as well as industry leadership. The Corporation also reported its greenhouse gas ("**GHG**") emissions for 2021 and the purchase of verified carbon credits to offset same.

On May 13, 2022, the Corporation announced that it had commenced strengthening its quality assurance and quality control with the development of an ISO 9001-compliant management system to support the Corporation's certification objectives, the groundwork which has commenced in Q1-2022.

On May 19, 2022, the Corporation announced the releases of its 2021 ESG Report, which provides a transparent and comparative overview of the Corporation's performance on material topics such as climate action, governance, community participation, energy and water management, among others.

On July 18, 2022, the Corporation announced the results of the life cycle assessment for its portfolio of graphite-based materials The Corporation's CSPG is modelled to have an expected Global Warming Potential of 1.23 kg CO_2 equivalent per kg, an impact up to 11 times smaller than that of benchmarked production. The study examined the impacts on climate change, freshwater acidification, terrestrial acidification, freshwater eutrophication, marine eutrophication, photochemical oxidant formation and ozone layer depletion of five graphite-based productions – graphite concentrate, spherical graphite, spherical purified graphite, CSPG, purified jumbo flakes – and one co-product as per the IMPACT World + methodology.

Board of Directors and Management Appointments

On January 10, 2022, the Corporation announced the appointment of Mr. Bernard Perron to the position of Chief Operating Officer of the Corporation, effective as of January 17, 2022.

On March 14, 2022, the Corporation announced the appointment of Mr. Marc Jasmin to the position of Director of Investor Relations of the Corporation, with a focus on the institutional investors as well as the Canadian market, effective as of March 28, 2022.

On September 28, 2022, the Corporation announced the appointment of Mr. Anoop Singh, P.Eng., as Vice President, Mining Projects of the Corporation and Mrs. Josée Gagnon, LL.B., MBA, as Vice President, Legal Affairs and Corporate Secretary of the Corporation.

On November 11, 2022, the Corporation announced the appointment of Mrs. Stephanie Anderson to the position of Director of the Corporation.

On February 27, 2023, the Corporation announced the appointment of Mr. Jean Cayouette, Eng. to the position of Vice President, Metallurgy and Process of the Corporation.

Investor Relations

On March 14, 2022, the Corporation announced the opening of a New York corporate office to further service and interact with the U.S. investment community. The Corporation also announced the setting up of an Investor Relations function in New York, with the appointment of Mr. Mark Mitchel, of Matrix Advisors, LLC.

On December 1, 2022, the Corporation announced it had retained Hybrid Financial Ltd. ("**Hybrid**") to provide assistance in all aspects of a marketing campaign for the Corporation. The services provided by Hybrid to the Corporation are the access and use of a database of registered financial professionals in North America.

On January 18, 2023, the Corporation announced the engagement of Red Cloud Securities Inc. ("**Red Cloud**") in compliance with the policies and guidelines of the TSXV and other applicable legislation, pursuant to an agreement engagement letter entered into between the Corporation and Red Cloud effective January 2, 2023. Red Cloud will trade shares of the Corporation on the TSXV for the purposes of maintaining a reasonable market and improving the liquidity of the Common Shares.

Grants and Subsidies

On March 31, 2022, the Corporation announced that it had secured a $5.75 million grant from Sustainable Development Technology Canada for the deployment of its proprietary coating technology. The funding will support the ongoing construction of a Phase-1 commercial-scale unit to produce CSPG to complete the Corporation's fully integrated value chain, from mining to beneficiation of Anode Material.

On February 10, 2023, the Corporation announced the closing of grants for an amount of $3.6 million for the deployment of the coating technology at Corporation's Phase-1 operations and for R&D projects targeting the development of advanced manufacturing of graphite-based materials with a low environmental impact. Included in the amount above is the Québec government's *Technoclimat* program grant for the Coating Demonstration Plant totalling $3 million, and which has an effective date for costs incurred starting January 2022. In addition, the Corporation announced two other grants from the *Fonds de recherche du Québec - Nature et technologies* totalling up to $600,000 for the material production of quality graphite with a low environmental impact for the LiB sector.

Project Financing

On June 14, 2022, the Corporation announced that it had appointed *Société Générale* as the sole mandated lead arranger for the Export Credit Agencies ("**ECA**") facilities, and will oversee the due diligence process, support efforts to obtain final credit approval and assist the Corporation in offtake negotiations. The Corporation also indicated that strong interest was shown towards senior debt from Western World ECAs and governmental bodies, which is estimated to cover up to approximately 70% of the Corporation's total funding required for Phase-2 growth, subject to standard project finance conditions. Indeed, the Corporation indicated that it had received indicative expressions of interests for a senior debt facility from Euler Hermes Aktiengesellschaft, the German Export Credity Agency and Export Development of Canada, Canada's export Credit Agency.

Issuances for Cash Consideration

On January 21, 2022, the Corporation announced that it had filed a prospectus supplement establishing a new at-the-market equity offering (the "**ATM Offering**"). Canaccord Genuity Group Inc. is acting as lead agent for the ATM Offering and B. Riley and Roth Capital Partners are acting as co-agents. The ATM Offering allows the Corporation to offer for sale and issue up to US$75 million (or the equivalent in Canadian dollars) of Common Shares from time to time, at the Corporation's discretion. The Corporation also specified that it had filed under the Corporation's profile on SEDAR at www.sedar.com and on EDGAR at www.sec.gov the amendment no. 1 dated January 19, 2022 to the Corporation's short form prospectus dated May 19, 2021, in order to qualify it for an "at-the-market distribution".

On November 8, 2022, the Corporation announced it has closed its private placement announced on October 20, 2022 (the "**2022 Private Placement**") of unsecured convertible notes (the "**Convertible Notes**") for aggregate gross proceeds of US$50 million in accordance with the subscription agreements entered into between the Corporation and each of Mitsui, Pallinghurst Bond and IQ on October 19, 2022. Through the 2022 Private Placement, Mitsui subscribed for US$25 million in Convertible Note, while Pallinghurst Bond and IQ each subscribed for US$12.5 million. The Corporation intends to use the proceeds of the 2022 Private Placement to work in the upcoming months on optimizing the 2022 Technical Report. For more information regarding the securities issued pursuant to the 2022 Private Placement, see "Description of Capital Structure – 2022 Private Placement" of this Annual Information Form.

Other

During the fiscal year ended December 31, 2022, 253,500 stock options were exercised by members of the Board of Directors, employees and consultants of the Corporation, at a weighted average exercise price of $2.90, in respect of which the Corporation received $736,100 and issued 253,500 Common Shares. During the same period, the Corporation granted 2,219,304 stock options to members of the Board of Directors, employees and consultants of the Corporation to purchase the same number of Common Shares.

During the fiscal year ended December 31, 2022, no warrants were exercised by shareholders of the Corporation.

During the fiscal year ended December 31, 2022, no broker warrants were exercised by agents or intermediates.

DESCRIPTION OF THE BUSINESS

GENERAL

The Corporation

The Corporation is a Québec-based company who is striving to become a key contributor to the sustainable energy revolution. The Corporation is working towards developing a fully integrated source of carbon-neutral battery Anode Material in Québec, Canada for the growing LiB and fuel cell markets, and other value-added graphite products. With enviable ESG standards, the Corporation aspires to become a strategic supplier to the world's leading battery and auto manufacturers, providing high-performing and reliable advanced materials while promoting sustainability and supply chain traceability. In addition to the Matawinie Graphite Property, the Corporation is also exploring the potential of developing and operating the Uatnan Mining Project that leverages Mason Graphite's Uatnan Property.

All the projects and assets of the Corporation are located in Québec, Canada. The Corporation has no income other than interest income on funds on deposit and other interest, as the case may be. The Corporation has no mine in commercial operation currently. As of the date of this Annual Information Form, the Corporation had 104 employees.

THE CORPORATION'S INDUSTRY FOCUS – BATTERY MATERIAL AND SPECIALTY GRAPHITE APPLICATIONS

The Corporation is focused on supplying the rapidly growing EV market as well as established but evolving specialty graphite applications. Graphite has unique chemical properties that, once micronized, spheronized, purified and coated, makes a key input into LiB production. Graphite is sourced from two primary production routes, natural flake graphite, which is extracted and processed, and synthetic graphite, which is primarily produced through graphitizing needle coke, a by-product of the petroleum industry, at high temperatures. Metallic properties such as thermal and electrical conductivity, when combined with non-metallic properties such as high thermal resistance, inertness and lubricity, make graphite ideally suited to a variety of other commercial applications, including high-temperature lubricants, refractory products, and in the case of synthetic graphite, electrodes for steel making.

Natural Graphite Demand

Demand for natural flake graphite is driven by both growth in anode demand for LiB and growth in traditional and specialty graphite markets. Demand for graphite has historically been driven by traditional and specialty industrial applications, including refractories, lubricants, foundry crucibles, pencils and other metallurgy applications. In recent years, demand growth has been driven by increased production of LiB for use in electronics, EVs and grid storage applications.

Global market parameters and trends remain very attractive as economies and governments invest in cleantech and electrification. Supply chains remain under considerable pressure which is exacerbated by increased demand for battery minerals and new policies. Indeed, EVs, renewable energy solutions and electronics continue to gain market shares, but manufacturers are facing a challenge as raw materials required to produce these battery-powered applications are becoming constrained.

Benchmark Mineral Intelligence forecasts a flake graphite deficit of nearly 2 million tpa by the end of the decade, predicting that demand for natural graphite will exceed supply, creating a deficit market starting as of 2023. OEMs, feeling this supply chain pressure, are turning their attention upstream to secure supplies and reduce their risks. Through direct development, joint ventures or strategic alliances, processing and mining are now gaining manufacturers' attention.

With China being the only producer of spherical graphite, the current situation has reinforced the need for local and resilient supply chains. With a projected 8,148 GWh of global lithium-ion battery production capacity by 2030, demand for advanced materials is set to increase up to fivefold, with graphite outpacing the other battery metals (Benchmark Mineral Intelligence, March 2023) at 10,363,000 tpa.

While expertise, technology, and production capacity have historically been centred in Asia, the market is shifting toward localization. Canada is among the emerging leaders of this new economy, ranking second after China according to BloombergNEF's annual global lithium-ion battery supply chain report (November 2022), due to its mineral resources, ESG factors, key infrastructure, innovation, and industry including Québec's battery valley in Bécancour. The Corporation's site for its Phase-2 Bécancour Battery Material Plant Project is indeed located at the center of this fast-developing zone, supported by the Québec Government's battery hub strategy.

Indeed, technological trends and new GHG policies have pushed the graphite market, mainly with regard to lithium-ion batteries and fuel-cell technologies, into an accelerated growth curve. Western governments are deploying programs, policies, and business incentives to support the development of local capacity and reduce overreliance on Chinese supply. The European Union, Canada and the U.S. have identified graphite as a strategic mineral for economic growth and national security. Canada has now outlined partnerships with both the European Union and the U.S. to secure supply chains and encourage market diversification from China's raw materials. In 2022, both the U.S. and Canadian governments have announced investments in the development of North American critical minerals production to ensure the domestic supply required to build a local battery economy. In Q3-2022, the U.S. government adopted the *Inflation Reduction Act* of 2022 (the "**Act**") that namely promotes EV adoption through consumer incentives, North American sourcing and production for the lithium-ion battery supply chain, and development of charging infrastructure. The Act has brought even more interest towards the Corporation as it is projected to be the only fully integrated source of natural graphite, from mine to Anode Material, in North America with significant volume.

To meet consumer demand and tap into governmental programs, the world's top automakers are now projected to spend nearly $1.2 trillion by 2030 on sourcing batteries and raw materials, and producing EVs (Reuters, October 2022).

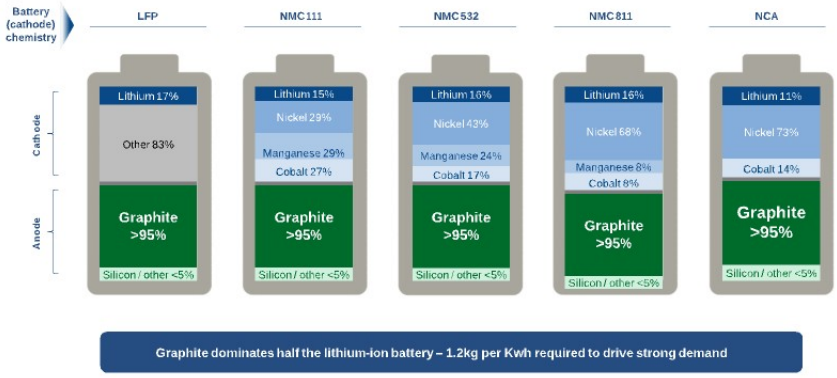
Concurrently, there is increased focus on carbon neutrality in the market to cater to consumers' green expectations and governments' more stringent environmental regulations. From the Global Battery Alliance's effort to develop a Battery Passport to the European Commission's proposed updated Battery Directive that would require labelling of batteries to disclose their carbon footprint, the market is shifting to encourage and eventually potentially require low-carbon products.

The European Union, which already set GHG emissions limits for EVs and industrial batteries, adopted a deadline on combustion engine production by 2035 as it steps up the fight against climate change through faster adoption of EVs.

The Corporation is positioning itself to respond to these market trends. The Corporation is ideally located to cater to the North American and European markets with its large graphite deposit, proprietary ecotechnologies, demonstrated production capacity, carbon-neutral profile as well as preferential jurisdiction advantages including clean hydropower, flexible logistical base and stable fiscal and political environment.

Energy Materials

Graphite is fundamental to lithium-ion batteries and fuel cell technologies alike, thus enabling a decarbonized future. In lithium-ion batteries, the dominant technology for Evs and portable electronics, graphite makes up +95% of the anode, the negative electrode, across all chemistries.



In hydrogen fuel cells, graphite is leveraged in bipolar plates due to its excellent conductivity.

SPECIALIZED SKILLS AND KNOWLEDGE

All aspects of the Corporation's business require specialized skills and knowledge. Such skills and knowledge include the areas of geology, drilling, logistical planning and regulatory, finance and accounting. The Corporation relies upon its management, employees and various consultants for such expertise.

SOCIAL AND ENVIRONMENTAL POLICIES

From mining to advanced manufacturing, the Corporation strives to drive greater sustainability along its value chain. The Corporation embedded leading ESG principles in its business model alongside carbon-neutral operations and traceability of its value chain. Sustainability guided the development of the Matawinie Mine Project from day one through extensive stakeholder engagement and pioneering design choices to protect the environment, and was carried over in the engineering of the Bécancour Battery Material Plant Project and the design of the Uatnan Mining Project.

On a foundation of accountability with a view to contributing to global environmental and sustainability goals, the Corporation publishes an annual ESG Report to disclose its managerial approach to addressing material topics and highlight significant sustainability milestones and indicators. Its 2021 ESG Report was issued on May 19, 2022 (see "Three-Year History – Fiscal Year Ended December 31, 2022 and up to the date of this Annual Information Form – ESG"). The

Corporation is committed to engaging in this transparency exercise yearly to provide its stakeholders with a comprehensive set of data on its ESG performance; the 2022 ESG Report should be issued in Q2-2023.

In an independent assessment of the Corporation's sustainability performance, Moody's ESG Solutions has provided a Sustainability Rating of A2 ('Robust'), the second-highest grade on its rating scale, to the Corporation. The rating can be consulted on the Corporation's website (see "Three-Year History – Fiscal Year Ended December 31, 2022 and up to the date of this Annual Information Form – ESG").

Social

Health and Safety

The safety of the Corporation's employees, contractors, families, communities, and the environment is paramount. The Corporation seeks to prevent, minimize, and manage occupational health and safety risks at every level of its operations. As such, the Corporation has implemented dedicated measures at each site and facility, which are regularly reviewed and adapted to reflect the changing nature of operations and seasons. Measures include onsite workshops and training for operators, as well as third-party risk assessment with public health authorities.

With the start of construction of the Matawinie Mine Project, the Corporation also tracks the contractor's health and safety performance onsite. The Corporation intends to continue focusing on health and safety as it will eventually transition from development to construction, commissioning, and commercial production.

Employment, Diversity & Inclusion

As the Corporation advances its projects, recruitment of key personnel continues both at the operational and corporate levels. The Corporation regards diversity as an important driver of strategy, creative thinking, and business performance. The Corporation promotes local and Indigenous recruitment opportunities to maximize benefits within its communities and strive to ensure representation of its milieu.

The Corporation recognizes that attraction, hiring, and retention of human capital pose challenges in today's tight labor market. Hence, the Corporation is actively working to position itself as an employer of choice and a purpose-driven Corporation in its communities, industries, and academic circles.

Training

To facilitate employment and bolster communities' socioeconomic fabric, the Corporation has launched initiatives to train and hire local workers in collaboration with industrial, institutional, and business partners.

- Diploma of Vocational Studies in Production Equipment Operation: Seven cohorts of this on-the-job training program leading graduates to a position as an operator at the Matawinie Phase-1 demonstration plants have now been launched, with a new cohort targeted to start at the end of March 2023.
- Mining and Logging Essentials: This sociovocational integration program destined to members of the Atikamekw communities aims to reinforce the employability of Indigenous workers. Following a COVID-19-imposed pause, the program was launched in Q2-2022 and completed in early Q3-2022 with eight graduating students. One graduating student, supported by the Corporation, has enrolled in the seventh cohort of the Diploma of Vocational Studies in Production Equipment Operation to pursue his education and obtain a position within the Corporation.

The Corporation held its annual Employee Summit at the end of Q3-2022. This two-day, all-staff meeting focused this year on the environment through training sessions, workshops, and on-site visits. A conference on change management and adaptation was also offered as a continuous learning and self-development opportunity.

Communities and First Nations

The Corporation strives to develop business activities that are supported by its communities and contribute to the overall development and advancement of the areas where the Corporation operates.

In keeping with its environmental and ethical development goals, the Corporation has launched many initiatives since the Matawinie Graphite Property was discovered in 2015 to align the project with the realities, concerns and values of the local community. Information events, consultations as part of the ESIA, a community office with a dedicated Community Relations Manager, a Monitoring Committee, public communication platforms and a social responsibility program ensure local communities are consulted early and often throughout the development process. The Saint-Michel-des-Saints Collaboration Agreement was signed in 2020 (see "Three-Year History – Fiscal Year Ended December 31, 2020 – Municipality of Saint-Michel-des-Saints-Collaboration Agreement") to set out a concrete social, economic and environmental development partnership through financial and participatory mechanisms.

Respect for the rights, culture, aspirations, and interests of Indigenous People guides the development of the Corporation's sustainable business practices. The Corporation has consulted and continues to engage with the Atikamekw First Nation in the Manawan community (85 km North of the Saint-Michel-des-Saints) and with the Band Council in the development of the Matawinie Mine Project.

The Corporation signed a framework agreement (2018) a pre-development agreement (the "**PDA**") (2019) with the Atikamekw First Nation to provide a guideline for negotiating an impact and benefit agreement (the "**IBA**") for the Matawinie Mine Project. The Corporation is actively engaged in discussions with the First Nation to advance the IBA with a view to maximize opportunities.

The Corporation's open and proactive engagement approach also extends to its Bécancour Battery Material Plant Project. The Corporation initiated outreach activities in early 2022 and intends to continue as it makes progress in terms of project development. The Corporation is engaged in an open dialogue with the Abenakis First Nation (Wôlinak community is 5 km South of Bécancour) as part of the development of the Bécancour Battery Material Plant Project. The Corporation is engaged in an open dialogue with the Abenakis First Nation (Wôlinak community is 5 km South of Bécancour) as part of the development of the Bécancour Battery Material Plant Project.

As part of the Uatnan Mining Project, the Corporation has initiated a relationship with the Innu First Nation of Pessamit (315 km South of the property) to understand their perspective, concerns, and priorities towards this project. The Corporation representatives have also met with stakeholders in the Baie-Comeau/Manicouagan region. The Corporation is committed to maintaining active engagement with the milieu as it advances the development of the Uatnan Mining Project.

The Corporation appointed Kelly LeBlanc to the new position of Manager, Indigenous Relations where she contributes her understanding of First Nations' environmental and social issues, and develops meaningful relationships focused on respect and sustainability.

The Corporation is committed to continuing its tradition of listening and responding to community and First Nations' concerns and needs, creating well-paying jobs for the local communities to maximize local employment, be a leader in environmental stewardship, and invest in the region and province through tax generation and the purchase of goods and services.

Environment

The Corporation is developing its projects to extract and transform natural graphite while limiting its environmental footprint, preserving ecosystems, maintaining its carbon-neutral status, and maximizing its products' contribution to global decarbonization efforts. Dedicated to stringent sustainable development standards, the Corporation is committed to adopting

a fully electric operating model – both at the mining and advanced manufacturing facilities – leveraging Québec's renewable hydropower.

Responsible Mining

The Corporation has integrated innovative environmental initiatives to limit the Matawinie Mine Project's potential impact on the natural and human milieu. On April 15, 2019, the Corporation officially filed its Environmental and Social Impact Assessment ("**ESIA**") for the Matawinie Mine Project with the Government of Québec. Following its analysis by 25 provincial agencies and ministries, the Québec *Ministère de l'Environnement et de la Lutte contre les changements climatiques* gave the BAPE the mandate to launch a public consultation. Public hearings held in January and February 2020 informed the Commission's report, which was tabled in June 2020.

- The Commission recognized the economic justification, environmental innovations, integration measures and social benefits associated with the mining project and identified avenues for enhancement.
- Following a rigorous environmental review complementary to the BAPE's analysis, the Québec Government issued a ministerial decree on February 10, 2021, authorizing the Matawinie Mine Project.

To protect the environment and the well-being of the community, the Corporation has developed an environmental surveillance and monitoring program to oversee the construction, operation, and closure activities of the Matawinie Mine Project.

- In 2022, the Corporation maintained its track record with no major environmental incidents as per the Global Reporting Initiative's definition. Through its work protocols, continuous monitoring, and environmental program, it responsibly conducted its operations and worked to diligently address and mitigate any minor incident at its sites.

Mine tailings represent a significant environmental responsibility. The Corporation has put forward innovative design criteria by prioritizing the desulphurization of tailings, the gradual backfilling of the pit, and the co-disposal of waste rock and tailings. Field-scale cells were built in 2020 to demonstrate in real conditions the performance of this innovative environmental method and calibrate the parameters with respect to the performance of the tailings co-disposal objectives design including preventing sulfide oxidation and mine water contamination. The field test cells are instrumented to study their geochemical behavior under real conditions with sensors monitoring oxygen, water, and temperature. The Corporation's Environment team monitors the evolution of these parameters, thus supporting the optimization of tailings deposition plans of the future commercial mine.

Carbon Neutrality

The Corporation's commitment to the environment extends to the full lifecycle of its materials and products. Taking responsibility for its GHG footprint, the Corporation has taken concrete steps to avoid, reduce, and fully offset its emissions, confirming its carbon-neutral status and mapping its transition to Net-Zero by 2030. On February 24, 2022, the Corporation released its Climate Action Plan detailing efforts for the Corporation's embedded emissions around transparent reporting, reduction of its climate impact, transition to Net-Zero, R&D for low-carbon materials and activities, as well as industry leadership. The Corporation's targets are based on, but not limited to, all Scope 1, Scope 2, and some Scope 3 emissions, including business travel, direct emissions associated with the facilities construction, deforestation related to the Corporation's direct operations, and the transportation of goods between sites. The Corporation has compensated for its entire historical emissions since its inception in 2012, utilizing carbon credits in compliance with the Canadian Standards Association Clean Projects Registry. The Corporation is implementing transparent and proactive emission monitoring and disclosure to ensure accountability. The Corporation is also promoting continuous improvement at both the operational and corporate levels to reduce its footprint at every step of its value chain. And at last, the Corporation is advancing its R&D program to optimize its products' DNA.

Please refer to the Corporation's management and discussion and analysis for the twelve-month period ended December 31, 2022, which has been filed under the Corporation's profile on SEDAR at www.sedar.com and on EDGAR at www.sec.gov under the heading "Responsibilities" for additional details on the Corporation's ESG strategy and performance.

RISK FACTORS

The Corporation operates in an industry that contains various risks and uncertainties. The risks and uncertainties listed below are not the only ones to which the Corporation is subject. Additional risks and uncertainties not presently known by the Corporation, or which the Corporation deems to be currently insignificant, may impede the Corporation's performance. The materialization of one of the following risks could harm the Corporation's activities and have significant negative impacts on its financial situation and its operating results. In that case, the Corporation's stock price could be affected.

Risk of New Mining Operations

The Matawinie Mine Project and the Uatnan Property do not have an operating history. Whether income will result from any of the Corporation's activities, including, without limitation, the Matawinie Mine Project and the Uatnan Mining Project, will depend on the successful establishment of new mining operations and expansion of current operations, including the construction and operation of the Matawinie Mine Project, the Uatnan Mining Project and the Bécancour Battery Material Plant Project and related infrastructure. As a result, the Corporation is subject to all of the risks associated with establishing or expanding new mining operations and business enterprises, including the timing and cost, which can be considerable, of the construction of mining and processing facilities and related infrastructure; access to the public road from the Corporation's properties, which public road may also be blocked, the availability and cost of skilled labor and mining equipment; the need to obtain necessary environmental and other governmental approval and permits and the timing of the receipt of those approvals and permits; the availability of funds to finance construction and development activities; potential opposition from non-governmental organizations, environmental groups or local groups which may delay or prevent development activities; and potential increases in construction and operating costs due to changes in the cost of fuel, power, materials and supplies.

Various factors, including the successful construction, commissioning and ramp-up of the Matawinie Mine Project, the Bécancour Battery Material Plant Project and the Uatnan Mining Project, costs, actual mineralization, consistency and reliability of graphite grades, commodity prices, future cash flow and profitability can affect successful project development, and there can be no assurance that current or future estimates of these factors will reflect actual results and performance. The design and construction of efficient processing facilities, the cost and availability of suitable machinery, supplies, mining equipment and skilled labor, the existence of competent operational management and prudent financial administration, as well as the availability and reliability of appropriately skilled and experienced consultants can also affect successful project development. It is common in new mining operations to experience unexpected problems and delays during construction, development, mine start-up and commissioning activities. Such factors can add to the cost of mine development, production and operation and/or impair production and mining activities, thereby affecting the Corporation's profitability. Accordingly, there is no assurance that the Matawinie Mine Project and the Uatnan Mining Project will ever be brought into a state of commercial production or that the Corporation's activities will result in profitable mining operations.

Increase in Production Costs

Changes in the Corporation's production costs could have a major impact on its financial condition and results of operations. Changes in costs of the Corporation's mining and processing operations could occur as a result of unforeseen events, including international and local economic and political events, a change in commodity prices, increased costs and scarcity of labor, and could result in changes in profitability or mineral reserve estimates. Many of these factors may be beyond the Corporation's control. The Corporation prepares estimates of future cash costs and capital costs for its operations and projects. There is no assurance that actual costs will not exceed such estimates. Exceeding cost estimates could have an adverse impact on the Corporation's future results of operations or financial condition.

Infrastructure, Supplies and Inflation

Prices for goods and services will fluctuate in relation to the level of investment in the mining sector; it is reasonable to expect that increased demand could impact the Corporation's future economic projections and competitiveness, as it may entail a meaningful increase in costs for various goods and services. Improvements in the economic conditions for the mining industry as a whole will typically result in increases to both the costs of planned exploration and development activities, which must also be factored into economic models used in projections for future development and potential operations. Increased demand for, and costs of, goods or services could result in delays if they cannot be obtained in a timely manner due to inadequate availability, and may cause scheduling difficulties and delays due to the need to coordinate their availability, any of which could materially increase project exploration, development and/or construction costs. These factors could have a material adverse impact on the Corporation's operations and profitability.

Economic Assessment Disclosure

The results of the 2022 Technical Report and of the Uatnan Mining Project Report were based on certain assumptions that were given as of the date of the 2022 Technical Report and the Uatnan Mining Project Report, respectively. The economic assessments reveal that the Matawinie Mine Project's and the Bécancour Battery Material Plant Project's viability will not be significantly vulnerable to variations in capital and operating costs, within the margins of error associated with a feasibility level of estimate. However, the Matawinie Mine Project's and the Bécancour Battery Material Plant Project's viability remain more vulnerable to the USD/CAD exchange rate and the larger uncertainty in future market prices. Furthermore, there is no assurance that the assumptions used in the 2022 Technical Report and the Uatnan Mining Project Report will prove to be accurate and adverse changes may occur which may affect actual results. Moreover, the level of confidence in the assumptions and estimates regarding the CAPEX (as defined herein) and OPEX (as defined herein) of the Matawinie Mine Project, the Bécancour Battery Material Plant Project and the Uatnan Mining Project, depends upon a number of uncertainties. These uncertainties include, but are not limited to, future changes in product prices and/or production costs, inflation, labour shortage, changes in project parameters, disruption in supply chains, and changes in global economic conditions which can result in cost overruns. There is no assurance that the implementation of each of the Matawinie Mine Project, the Bécancour Battery Material Plant Project and the Uatnan Mining Project will be realized or that the current estimates of CAPEX and/or OPEX will be prove to be accurate.

Uncertainty of Processing Technology on a Commercial Basis

The Corporation's process of preparing active Anode Material has not been used on a commercial basis by the Corporation and there is no certainty that results achieved during small-scale testing, including those performed at the Concentrator Demonstration Plant, the Shaping Demonstration Plant, the Purification Demonstration Plant and the Coating Demonstration Plant can be replicated in commercial quantities, which would have a material adverse impact on the finance of the Corporation's project. The Corporation will be required to provide graphite that meets certain specifications and there is no certainty that the Corporation's current process of preparing active Anode Material will provide graphite that meets these specifications, which would have a material adverse impact on the costs and timeline of the Corporation's project. In addition, the Corporation is finalizing the commissioning of the Coating Demonstration Plant and the Shaping Demonstration Plant. The inability of the Corporation to fully commission and scale-up its operations to produce active Anode Material that meet those specifications may have a material adverse effect on the Corporation.

The development of the Corporation's process of preparing active Anode Material may be complicated by third-party intellectual property rights (otherwise known as freedom to operate issues), because of the types of patents allowed by national patent offices. The Corporation may be forced to adapt its technology in order to ensure it does not conflict with any such third-party intellectual property rights. Further, the Corporation's ability to successfully challenge third-party patent rights is dependent on the laws of national courts and there can be no assurance that the Corporation would successfully challenge third-party patent rights. In addition, the Corporation may face increasing competition from similar technology in the future. Similar technology can be a threat to the Corporation and it could prevent the Corporation from achieving commercial operations on a basis that is economically viable.

Uncertainty of Mineral Resources and Mineral Reserves

The estimates of mineral resources and mineral reserves for the Matawinie Mine Project and the Uatnan Mining Project, as the case may be, are as defined by CIM Definition Standards on Mineral Resources and Mineral Reserves. Mineral Resources, which are not Mineral Reserves, do not have demonstrated economic viability. There are numerous uncertainties inherent in estimating mineral resources and mineral reserves and no assurance can be given that the anticipated tonnages and grades will be achieved, that the indicated level of recovery will be realized or that any categories of mineral resources or reserves will be upgraded to higher categories. The estimation of mineralization is a subjective process and the accuracy of estimates is a function of quantity and quality of available data, the accuracy of statistical computation and the assumptions and judgments made in interpreting engineering and geological information. Mineral reserves at the Matawinie Graphite Property have been determined to be economic ore in the context of a feasibility study in accordance with CIM Definition Standards. However, factors such as market price fluctuations, increased production costs, reduced recovery rates, and changes to other assumptions applied to the estimates, may render the mineral reserves uneconomic.

It should be understood that the mineral resources and mineral reserves are estimates of the size and grade of the deposits based on a number of drillings and samplings and on assumptions and parameters available. The level of confidence in the estimates depends upon a number of uncertainties. These uncertainties include, but are not limited to, future changes in product prices and/or production costs, differences in size and grade and recovery rates from those expected, and changes in project parameters. There is no assurance that the Matawinie Mine Project and/or Uatnan Mining Project implementation will be realized or that the current estimates of volume and grade of minerals mined/processed or of cash flows derived from production will be achieved.

Mineral Resources, which are not Mineral Reserves, do not have demonstrated economic viability. The estimate of Mineral Resources may be materially affected by environmental, permitting, legal, title, market or other relevant issues. The quantity and grade of reported Inferred Resources are uncertain in nature and there has not been sufficient work to define these Inferred Resources as Indicated or Measured Resources. There is no certainty that any part of a Mineral Resource will ever be converted into Mineral Reserves.

The Uatnan Mining Project Report is preliminary in nature and includes Inferred Mineral Resources that are considered too speculative geologically to have the economic considerations applied to them that would enable them to be categorized as Mineral Reserves. Mineral Resources that are not Mineral Reserves have not demonstrated economic viability. There is no certainty that the resource development, production, and economic forecasts on which the Uatnan Mining Project Report is based will be realized.

Substantial expenditures and time are required to establish mineral reserves through drilling and to develop the mining and processing facilities and infrastructure at mine site. There is no certainty that future expenditures made in the exploration of the Corporation's other mineral properties or additional areas at the Matawinie Graphite Property and/or the Uatnan Property will result in the identification of commercially recoverable quantities of mineral or that mineral reserves will ever be mined or processed profitably. While the 2022 Technical Report demonstrates the economic feasibility of the Matawinie Mine Project and the Uatnan Mining Project Report demonstrates attractive economics of the Uatnan Property, the inability to achieve commercial operations with the Matawinie Mine Project and/or the Uatnan Mining Project on a basis that is economically viable may have a material adverse effect on the Corporation.

Construction and Commissioning of Processing and Demonstration Facilities

The design and construction of efficient processing and demonstration facilities, the cost and availability of suitable machinery, supplies, equipment and skilled labor, the existence of competent operational management and prudent financial administration, as well as the availability and reliability of appropriately skilled and experienced employees can affect successful project development.

The Corporation intends to construct the Bécancour Battery Material Plant Project, which will be equipped to produce graphite-based materials through onsite shaping, purification, and coating transformation units. In addition, the Corporation processes the shaping, purification and coating of graphite at the Shaping Demonstration Plant, Purification Demonstration Plant and Coating Demonstration Plant which rely on new infrastructure. The Corporation is also currently in the commissioning phase of its Shaping Demonstration Plant and Coating Demonstration Plant.

It is common in new processing facilities to experience unexpected problems and delays during construction, development, start-up and commissioning activities. The costs, timing and complexities of developing the Bécancour Battery Material Plant Project, may be significantly higher than anticipated which can add to the cost of development, production and operation and/or impair production and activities, thereby affecting the Corporation's profitability.

Need for Funding and Time of Development

There is a risk that the development of the Bécancour Battery Material Plant Project and the Matawinie Mine Project into commercial production will not be completed on time or on budget, or at all. The Corporation's mining projects are still subject to the receipt of various permits. The development and construction schedule of the Bécancour Battery Material Plant Project and the Matawinie Mine Project is based on management's expectations, and may be delayed by a number of factors, some of which are beyond the Corporation's control. It is common in new mining operations to experience unexpected costs, problems and delays during permitting, construction, development and mine start-up. Most, if not all, projects of this kind suffer delays in start-up and commissioning due to late delivery of components, the inadequate availability of skilled labor and mining equipment, adverse weather or equipment failures, the rate at which expenditures are incurred, delays in construction schedules, or delays in obtaining the required permits or consents, or to obtain the required financing. In addition, delays in the early stages of mineral production often occur. During this time, the economic feasibility of production may change.

Capital costs are estimates based on the interpretation of geological data, pre-feasibility and feasibility studies and other conditions, and there can be no assurance that they will prove to be accurate. The costs, timing and complexities of developing the Bécancour Battery Material Plant Project, the Matawinie Mine Project and the Uatnan Mining Project may be significantly higher than anticipated, including because the availability of infrastructure such as surface access, skilled labor, and energy at an economic cost, cannot be assured. In addition, cost estimates may increase significantly as more detailed engineering work and studies are completed.

The Corporation requires financing through equity and/or debt securities to complete the development, construction and commissioning, as the case may be, of the Bécancour Battery Material Plant Project, the Matawinie Mine Project and the Uatnan Mining Project and to fund future working capital, capital expenditures, operating and exploration costs and other general corporate requirements. The success and the pricing of any such capital raising and/or debt financing is dependent upon the prevailing market conditions at that time and upon the Corporation's ability to attract significant amounts of debt and/or equity. There is no assurance that such financing will be obtained on terms satisfactory to the Corporation and, if raised by offering equity securities, any financing may involve a dilution to its existing shareholders. Failure to obtain any financing necessary for the Corporation's capital expenditure could result in the delay or indefinite postponement of further construction and development, as the case may be, of the Bécancour Battery Material Plant Project, the Matawinie Mine Project and the Uatnan Mining Project, which in turn would materially and adversely affect the financial and operating results of the Corporation and the market price of the Corporation's securities and, ultimately, could result in the loss of its properties.

The impacts of global economic crises, infectious diseases and global pandemics, such as COVID-19 or the ongoing war between Russia and Ukraine, and government responses thereto may have a material impact on financial results and could constrain the Corporation's ability to obtain equity or debt financing in the future, which may have a material adverse effect on its business, financial condition and results of operations. The availability of such cash may be adversely impacted by uncertainty in the financial markets, as a result of global economic and/or public health crises. Failure to obtain financing

on a timely basis may cause the Corporation to postpone the development and construction, as the case may be, of the Bécancour Battery Material Plant Project, Matawinie Mine Project and the Uatnan Mining Project.

Construction and Start-Up of New Mines and Industrial Plants

The development and construction of the Matawinie Mine Project and Uatnan Mining Project require the construction of significant new industrial facilities including the Bécancour Battery Material Plant Project. The success of construction projects and the start-up of new mines and industrial plants by the Corporation is subject to a number of risks and challenges including the availability and performance of engineering and construction contractors, suppliers and consultants; unforeseen geological formations; the implementation of new mining and industrial processes; the receipt of required governmental approvals and permits in connection with the construction of mining and industrial facilities and the conduct of operations, including environmental and operating permits; price escalation on all components of construction and start-up; engineering and mine design adjustments; the underlying characteristics, quality and unpredictability of the exact nature of mineralogy of a deposit and the consequent accurate understanding of ore or concentrate production; and the successful completion and operation of haulage ramp and conveyors to move ore and other operational elements. Any delay in the performance of any one or more of the contractors, suppliers, consultants or other persons on which the Corporation is dependent in connection with its construction and development activities, a delay in or failure to receive the required governmental approvals and permits in a timely manner or on reasonable terms, or a delay in or failure in connection with the completion and successful operation of the operational elements in connection with the mine and the industrial facilities could delay or prevent the construction and start-up as planned and may result in additional costs being incurred by the Corporation beyond those budgeted. There can be no assurance that current or future construction and start-up plans implemented by the Corporation will be successful.

The Corporation's Dependence Upon the Matawinie Mine Project and the Bécancour Battery Material Plant Project

The Corporation currently expects future mining operations at the Matawinie Graphite Property to account for all of the Corporation's graphite production for the foreseeable future. In addition, the Corporation currently expects its future operations to be performed at the Bécancour Battery Material Plant Project to account for all of its processing activities to produce VAP and Anode Material for LiBs. Consequently, the Corporation expects to generate all its revenues from its production activities at the Matawinie Mine Project, including through the sale of natural graphite to third parties, and from its processing activities at the Bécancour Battery Material Plant Project, including through the sale of VAP and Anode Material for LiBs to third parties, respectively.

Any adverse condition affecting any of the Matawinie Mine Project or the Bécancour Battery Material Plant, or any adverse conditions affecting the revenues from any graphite products sale or the costs for producing graphite products at the Matawinie Mine Project or processing graphite products at the Bécancour Battery Material Plant, could be expected to have a material adverse effect on the Corporation's financial performance and results of operations and could require the Corporation to raise additional financing, which may not be obtainable under such circumstances. Given the pre-feasibility stage of the Uatnan Mining Project, it is possible that the contemplated feasibility study for such project might not have favorable conclusions. The Corporation's dependence upon the Matawinie Mine Project and the Bécancour Battery Material Plant Project might be accrued in such circumstances.

Life of Mine Plan

Significant changes in the life of mine plan can occur as a result of experience obtained in the course of carrying out the Corporation's mining activities, changes in mining methods and rates, process changes, investments in new equipment and technology, graphite price assumptions and other factors. There can be no assurance that the estimates in the Corporation's plan will be consistent with future economic factors or actual results and performance or that the Corporation will not amend its existing life of mine plan for its Matawinie Graphite Property or the Uatnan Property in the future. A decline in net cash flow may also require the Corporation to record an impairment charge against the carrying value of its net assets.

Mineral Exploration and Development Activities Inherently Risky

The business of exploration for minerals and mining involves a high degree of risk that even a combination of experience, knowledge and careful evaluation may not be able to overcome. Few properties that are explored are ultimately developed into mineral deposits with significant value. Unusual or unexpected ground or water conditions, geological formation pressures, fires, rock bursts, power outages, labor disruptions, flooding, earthquakes, explosions, cave-ins, landslides, mechanical equipment and facility performance problems, the inability to obtain suitable adequate machinery, equipment or labor and other unfavourable operating conditions are some of the risks involved in the operation of mines and the conduct of exploration and development programs. Unknown rock mechanics and hydrogeological conditions that cannot be predicted ahead of mining, such as faulting, zones of weak rock, or zones of unanticipated water inflow, may only be discovered during mining and may require significant changes to the mining plan. While lab testing may reduce uncertainty in some of the rock properties, it is never possible to identify all of these potential risks in advance. The Corporation's exploration or development properties and any future mining operations will be subject to all the hazards and risks normally incidental to exploration, development and production, any of which could result in work stoppages and damage to or destruction of exploration or development facilities, mines and other producing facilities, damage to life and property, environmental damage and possible legal liability for any or all damage.

Risks Related to Future Sale of Graphite Products

The Corporation is dependent on future sales of graphite-based products. Although the Corporation has and will continue to strive to enter into sales agreements, including offtake agreements for future sales, no assurance can be given that the Corporation will be able to sell graphite-based products at such terms and conditions as are favourable for, or necessary to sustain the operations of the Corporation.

The Corporation has entered into an offtake and joint marketing agreement (the "**Offtake and Joint Marketing Agreement**") with the Traxys Group ("**Traxys**") on February 14, 2019 for the sale of the production of flake graphite concentrate produced by the Corporation at the Concentrator Demonstration Plant. Such agreements contain certain representations, terms and conditions in order to result in firm commitments, and no assurance can be made that such representations, terms and conditions can or will be satisfied. In addition, in October 2022, the Corporation entered into the Panasonic MoU for an offtake by Panasonic Energy of a significant portion of the Corporation's green active Anode Material out of the Corporation's integrated Phase-2 Commercial production facilities over a multi-year term (see "Three-Year History - Fiscal Year Ended December 31, 2022 and up to the date of this Annual Information Form – 2022 Private Placement").

Except for the Offtake and Joint Marketing Agreement with Traxys, the Corporation has not yet entered into any other binding agreements for the sale of graphite-based products. There can be no guarantee that the Corporation will be able to secure additional sales agreements, including offtake agreements for future sales and, if so, there can be no guarantee as to the amount of purchase orders or commitments, the quantity of graphite represented by such orders and commitments or the timing for receiving same. Factors that may impact such orders and commitments include the ability of the Corporation to reliably and consistently produce graphite meeting client requirements and confidence of clients in such ability, market conditions and demand for products requiring graphite, overall market conditions and the strength of the economy.

If the Corporation, for whatever reason, is not able to produce the products in accordance with the terms and specifications of any sales agreements, such noncompliance or violation, resulting in termination or damages, may have an adverse effect on the Corporation's operations and financial position. Even if the Corporation is able to meet the requirements set out therein, there is no assurance that the contract counterparties will be willing or able to purchase the production at the prices or quantities they have agreed to in the offtake agreement.

Uncertainty Relating to Future Production Estimates

The Corporation prepares estimates and projections of future production for the Matawinie Mine Project and the Bécancour Battery Material Plant Project, which are based on the 2022 Technical Report, as well as the Uatnan Mining Project, which are based on the Uatnan Mining Project Report. Any such information is forward-looking and no assurance can be given that such estimates will be achieved. The Corporation's actual production may vary from estimates for a variety of reasons, including: actual graphite mined varying from estimates of grade, tonnage, dilution and metallurgical and other characteristics; revisions to mine plans; risks and hazards associated with mining; natural phenomena, such as inclement weather conditions, water availability, floods, and seismic activity; and unexpected labor shortages, strikes, local community opposition or blockades. Failure to achieve the estimated forecasts could have an adverse impact on the Corporation's future cash flows, earnings, results of operations and financial condition.

In addition, these estimates are based on existing plans and other assumptions which change from time to time, including: mineral reserve and mineral resource estimates; the availability, accessibility, sufficiency and quality of graphite; the Corporation's costs of production; the Corporation's ability to sustain and increase production levels; the sufficiency of the Corporation's infrastructure; the performance of the Corporation's workforce and equipment; the Corporation's ability to maintain and obtain mining interests and permits; and the Corporation's compliance with existing and future laws and regulations.

Lack of Revenue and History of Losses

As the Corporation does not have revenues, it is dependent upon future financings to continue its plan of operation, yet stay in business. The Corporation has not generated any revenues since its incorporation. The Corporation's business objectives include the construction and operation of the Matawinie Mine Project, the Bécancour Battery Material Plant Project and the Uatnan Mining Project. There is no assurance that they will be commercially viable.

In addition, the Corporation does not have a history of profitable operations and there can be no assurance that the Corporation will ever be profitable. It sustained net losses in the fiscal years ended December 31, 2020, 2021 and 2022. Management of the Corporation does not expect any income for the fiscal years to come and assesses that the Corporation may incur ongoing losses in the near future, and there is no guarantee it will become profitable in the short term or at all.

The Corporation's future success will depend to a large extent on its ability to ensure the respect of its contractual commitments which are important from an operational and financial point of view. In general, the Corporation's revenues will also be affected by economic conditions and the capacity of the Corporation to start production and manage its growth.

Negative Operating Cash Flow (in thousands of dollars)

The Corporation has no history of revenues from its operating activities. The Corporation's cash and cash equivalents amounted to $59,924, $62,355 and $4,520 as at December 31, 2022, as at December 31, 2021, and as at December 31, 2020, respectively. During the fiscal year ended December 31, 2022, December 31, 2021 and December 31, 2020, the Corporation had negative cash flow usage from operating activities of $44,881, $34,325 and $18,049, respectively. For the fiscal year ended December 31, 2022, the Corporation has had an average monthly cash expenditure rate of approximately $6,073, per month, including addition to property, plant and equipment, intangible assets, deposit to suppliers and all operating expenses and development costs not covered by grants. For the fiscal year ended December 31, 2022, the Corporation recorded a net loss and comprehensive loss of $47,714. As of December 31, 2022, the Corporation had working capital of $57,819 and current liabilities of $16,105. The Corporation anticipates it will continue to have negative cash flow from operating activities in future periods at least until commercial production is achieved at the Matawinie Mine Project and/or the Bécancour Battery Material Plant Project. To the extent that the Corporation has negative operating cash flows in future periods, the Corporation may need to allocate a portion of its existing working capital to fund such negative cash flow or the Corporation may adjust the expenditure rate to preserve liquidity.

Obligations, Covenants and Restrictions in the Terms of Financing Transactions with Pallinghurst International, Pallinghurst Bond and Mitsui

The terms of the Second Amended and Restated Investment Agreement, the Royalty, the Letter Agreement and the IQ Investment Agreement contain financial and operating covenants that limit the discretion of management with respect to certain business matters. These covenants place restrictions on, among other things, the Corporation's ability to sell, assign, transfer, convoy, lease license, charge, pledge, hypothec, mortgage or otherwise dispose of the Matawinie Graphite Property or the Royalty, as the case may be, which will limit the Corporation's operating flexibility and could prevent the Corporation from taking advantage of business opportunities. In addition, under the Second Amended and Restated Investment Agreement, Pallinghurst International, Pallinghurst Bond and Mitsui have been granted anti-dilution rights over subsequent equity offerings by the Corporation in order to maintain their ownership in shares of the Corporation on an as-converted basis.

The terms of the Second Amended and Restated Investment Agreement, the Royalty Agreement and the Side Letter also contain various provisions requiring the Corporation to take certain positive actions in order to fulfill its commitments, such as providing confirmations and documents as may be required under these agreements. The terms of the Second Amended and Restated Investment Agreement, the Royalty Agreement and the Side Letter also contain customary events of default, such as breach of covenants, conditions or obligations, and the occurrence of an insolvency event with respect to the Corporation. Events may occur in the future, including events beyond the Corporation's control that could cause the Corporation to fail to satisfy its obligations under these agreements.

In order to secure the Corporation's obligations under the Royalty Agreement and pursuant to same, a hypothec was granted to Pallinghurst International against the Matawinie Graphite Property. A failure to comply with its obligations and restrictive covenants could result in an event of default which, if not cured or waived, could permit acceleration of the related debt and acceleration of debt under other instruments that contain cross acceleration or cross default provisions. This could lead to enforcement actions or proceedings under the hypothec granted under the Royalty and any other debt entered into by the Corporation. The occurrence of any such events would have a material adverse effect and could, among other things, result in the bankruptcy or liquidation of the Corporation, and could result in the loss of the Corporation's entire interest in the Matawinie Graphite Property.

Graphite Demand

Graphite is considered an industrial mineral and the sales prices are not public. Graphite is not a traded commodity like base and precious metals. Sales agreements are negotiated on an individual and private basis with each different end-user. Therefore, it is possible that the sales prices used in any assumptions made by the Corporation will be different than the actual prices at which the Corporation is able to sell its graphite. In addition, there are a limited number of producers of graphite and it is possible that these existing producers will try to prevent new-comers from entering the chain of supply by increasing their production capacity and lowering sales prices. Factors such as foreign currency fluctuation, supply and demand, industrial disruption and actual graphite market sale prices could have an adverse impact on operating costs and stock market prices and on the Corporation's ability to fund its activities. In each case, the economics of the Matawinie Graphite Property and the Uatnan Graphite Property could be materially adversely affected, even to the point of being rendered uneconomic. The Corporation intends to produce graphite to address the increasing demand, which is favoured in the making of LiB. If battery manufacturers use less graphite than expected, or if the demand for batteries, mainly used in electric and hybrid vehicles, is less than forecasted, it could have a material adverse effect on the sales price, profitability and development strategy of the Corporation.

Fluctuating Mineral Prices

The mining industry is heavily dependent upon the market price of the metals or minerals being mined. There is no assurance that a profitable market will exist for the sale of the same. There can be no assurance that mineral prices will be such that the Corporation's properties can be mined at a profit. The price of the common shares and the financial results of the

Corporation, like its mining activities, could undergo in the future important negative effects because of the fall of the prices of minerals, resulting in an impact on the capacity of the Corporation to finance its activities. The prices of minerals fluctuate in an important way and are tributary to various factors which are independent of the will of the Corporation, such as the sale or the purchase of minerals by various brokers, central banks and financial institutions, the interest rates, the foreign exchange rates, the rates of inflation, of deflation, the fluctuations in the value of the CAD and the currencies, the regional and world offer and demand, the economic conjuncture and policy which prevails in the countries of the world which are large mineral producers, or countries where large customers and end users are located, and infection diseases and global pandemic. The prices of minerals largely fluctuated these last years and any serious fall could prevent the continuation of the exploration, construction and development activities of the Corporation.

Competition

The mining industry is intensely and increasingly competitive, and the Corporation competes with many companies with greater financial resources and technical facilities than those of the Corporation. Competition in the mining industry could adversely affect the Corporation's ability to put the Matawinie Mine Project and the Uatnan Mining Project into production and to secure sale agreements for its products.

Level of Indebtedness

Subject to the limits contained in the Royalty Agreement and any other debt instruments entered into by the Corporation, the Corporation may be able to incur additional debt. If the Corporation does so, the risks related to the Corporation's level of indebtedness could increase.

The Corporation's degree of leverage in the future could have adverse consequences for the Corporation, due to the following factors that may affect the Corporation: (i) increased difficulty in satisfying obligations with respect to indebtedness; (ii) limitations on the ability to obtain additional financing to fund future working capital, capital expenditures, acquisitions or other general corporate requirements; (iii) requirements that a substantial portion of the Corporation's cash flows be dedicated to debt service, if any, payments instead of other purposes, thereby reducing the amount of cash flows available for working capital, capital expenditures, acquisitions and other general corporate purposes; (iv) increased vulnerability to general adverse economic and industry conditions; (v) decreased flexibility in planning for and reacting to changes in the industry in which it competes; (vi) placing the Corporation at a disadvantage compared to other, less leveraged competitors; and (vii) increased cost of borrowing.

The Corporation's ability to make scheduled payments on or refinance its debt obligations, depends on the Corporation's financial condition and operating performance at that time, which are subject to prevailing economic and competitive conditions and to certain financial, business, legislative, regulatory and other factors beyond its control. The Corporation may be unable to generate or maintain a level of sufficient cash flow from operating activities to satisfy its debt obligations or to refinance its indebtedness on commercially reasonable terms or at all, which would have a material adverse effect on the Corporation's financial condition and results of operations.

The Corporation can provide no assurance that it will achieve sufficient future cash flow and earnings to satisfy its debt obligations. If cash flows and capital resources are insufficient to fund debt service obligations, if any, the Corporation could face substantial liquidity problems and could be forced to reduce or delay investments and capital expenditures, seek additional debt or equity capital or restructure or refinance indebtedness. If the Corporation cannot make scheduled payments on its debt, the Corporation could be in default and holders of any indebtedness could declare all outstanding principal and interest to be due and payable which could lead to cross default and cross acceleration provisions under certain of the Corporation's other debt agreements. The Corporation's creditors could foreclose against the collateral securing the Corporation's obligations and the Corporation could be forced into bankruptcy or liquidation, or to initiate other insolvency proceedings.

Going Concern and Insolvency Risk

The Corporation's consolidated financial statements have been prepared using International Financial Reporting Standards ("**IFRS**") as issued by the International Accounting Standards Board (IASB) applicable to a going concern, which contemplates the realization of assets and settlement of liabilities in the normal course of business as they come due for the foreseeable future.

During the year ended December 31, 2022, the Corporation reported net loss after tax of $47.7 million; cash outflows from operating activities of $44.9 million and an accumulated deficit of $165.0 million and has yet to generate positive cash flows or earnings. Based on all available information about the future, which includes at least, but not limited to, the next twelve months, management believes that without additional funding, the Corporation does not have sufficient liquidity to pursue its planned expenditures over the next twelve months.

These circumstances indicate the existence of material uncertainties that cast substantial doubt as to the ability of the Corporation to continue as a going concern and accordingly, the appropriateness of the use of accounting principles applicable to a going concern. In recognition of these circumstances, the Corporation completed a private placement of unsecured Convertible Notes of $67.2 million (US$50 million) in November 2022.

The Corporation's ability to continue future operations and fund its development and acquisition activities is dependent on management's ability to secure additional financing in the future, which may be completed in a number of ways including, but not limited to, the issuance of debt or equity instruments, expenditure reductions, or a combination of strategic partnerships, joint venture arrangements, project debt finance, offtake financing, royalty financing and other capital markets alternatives. While management has been successful in securing financing in the past, there can be no assurance it will be able to do so in the future or that these sources of funding or initiatives will be available for the Corporation or that they will be available on terms which are acceptable to the Corporation.

The Corporation's consolidated financial statements do not reflect the adjustments to the carrying values of assets and liabilities, expenses and financial position classifications that would be necessary if the going concern assumption was not appropriate. These adjustments could be significant.

Liquidity Risk

The Corporation has limited financial resources and there is no assurance that sufficient additional funding or financing will be available to the Corporation on acceptable terms, or at all, for further exploration or development of its properties or to fulfill its obligations under any applicable agreements. The Corporation must maintain sufficient liquidity to meet its short-term business requirements, taking into account its anticipated cash flows from operations, its holdings of cash and cash equivalents, and committed loan facilities. The Corporation manages its liquidity risk by continuously monitoring forecasted and actual cash flows. The Corporation has in place a reporting, planning and budgeting process to help determine the funds required to support its normal operating requirements on an ongoing basis and its expansion plans. The Corporation might be required to use a portion of its cash flow to service principal and interest on debt, which will limit the cash flow available for other business opportunities.

Governmental and Environmental Regulations, Permits and Licences

The current operations of the Corporation and anticipated future operations, including further exploration, development activities and commencement of production for the Matawinie Mine Project, the Bécancour Battery Material Plant Project, the Uatnan Mining Project and the various demonstration plants are subject to laws and regulations governing prospecting, development, mining, construction, production, exports, taxes, labor standards, occupational health, waste disposal, land use, environmental protection, mine safety and other matters. Companies engaged in exploration activities, and in the construction, development and operation of mines and related facilities, generally experience increased costs and delays in

production and other schedules as a result of the need to comply with applicable laws, regulations and permitting requirements.

The Corporation's operations are also subject to various laws and regulations governing the protection of the environment. Environmental legislation provides for restrictions and prohibitions on spills, releases or emissions of various substances produced in association with certain mining industry operations, such as seepage from tailings disposal areas, which would result in environmental pollution. A breach of such legislation may result in the imposition of fines and penalties. Environmental legislation is evolving in a direction of stricter standards and enforcement, and higher fines and penalties for non-compliance. Even though the Corporation received a positive Environmental and Social Impact Assessment ("**ESIA**") for the Matawinie Mine Project from the Québec Government, the Bécancour Battery Material Plant Project may and the Uatnan Mining Project will require the additional submission of ESIA and further review and approval by governmental authorities, such as the environmental impact assessment and review procedure which can include public hearing held by the BAPE. Environmental assessments of proposed projects carry a heightened degree of responsibility for companies and directors, officers and employees. The cost of compliance with changes in governmental regulations has the potential to reduce the profitability of operations. The Corporation intends to, and attempts to, fully comply with all applicable environmental regulations.

On April 11, 2019, the Corporation filed the ESIA for the Matawinie Mine Project, which is available on the Québec Government's Environmental Assessment Register. The submission of the ESIA, which was authored by SNC-Lavalin Inc., was an important milestone in the permitting of the project. Successful public hearings on the project were held by the Québec Government in 2020. On February 10, 2021, the Corporation received a positive environmental assessment decision for the Matawinie Mine Project supported by a decree from the Québec Government. The Matawinie Mine Project has now received all of the government authorizations required to apply for permits needed for site-specific construction and operating activities under the authority of the overall global authorizations, but no assurance can be given that such permits which the Corporation may require in the normal course for its current and anticipated mining operations will be obtainable or maintainable on reasonable terms or on a timely basis or at all.

In Canada, the issuance of permits may also trigger the Crown's duty to consult and potentially accommodate the Indigenous Peoples of Canada. Section 35 of the *Constitution Act* (1982) protects aboriginal and treaty rights for Indian (also referred to as First Nation), Inuit and Métis people. As a result of this protection, in appropriate circumstances, the Crown has a duty to consult with Indigenous Peoples and, potentially, to seek workable accommodation of their interests before making decisions that may affect their ability to exercise their constitutionally protected rights. In certain circumstances Indigenous people can file legal action on the basis of inadequate consultation, which could have the consequence of delaying the commencement of construction or operation of projects or increasing costs of projects. The Corporation intends to and attempts to support the Crown in conducting procedural aspects of the duty as required.

Failure to comply with applicable laws, regulations, and permitting requirements may result in enforcement actions thereunder, 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. Parties engaged in mining operations may be required to compensate those suffering loss or damage by reason of mining activities and may have civil or criminal fines or penalties imposed for violations of applicable laws or regulations and, in particular, environmental laws. The Corporation believes it is in substantial compliance with all material laws and regulations which currently apply to its activities. However, there is no assurance that future changes to existing laws and regulations will not impact the Corporation. Amendments to current laws, regulations and permits governing the operations and activities of mining companies, or more stringent implementation thereof, could have a material adverse impact on the Corporation and cause increases in capital expenditures or production costs, reduction in levels of production or require abandonment or delays in the development of current or new mining projects.

The Corporation's activities and operations require permits from various domestic authorities. There can be no assurance that various permits which the Corporation may require in the normal course for its current and anticipated exploration, development and construction activities as well as mining operations, including without limitation, on the Matawinie Mine

Project, the Bécancour Battery Material Plant Project, the Uatnan Mining Project and the Demonstration Plants will be maintainable or obtainable on reasonable terms or on a timely basis or that such laws and regulations would not have an adverse effect on any project which the Corporation might undertake, including, without limitation, the Matawinie Mine Project, the Bécancour Battery Material Plant Project, the Uatnan Mining Project and the Demonstration Plants. Furthermore, any delays in obtaining the anticipated construction permits would have an adverse effect on the Corporation's timing and costs associated with the start-up. Such delays could also allow other third-party projects to commence production before the Matawinie Mine Project, the Bécancour Battery Material Plant Project and the Uatnan Mining Project, thereby potentially reducing the Corporation's target market share, which would have an adverse impact on the level of product sales and economics of the Matawinie Mine Project, the Bécancour Battery Material Plant Project and the Uatnan Mining Project.

Title Matters and Territorial Claims

While the Corporation has reviewed and is satisfied with the titles to its mineral properties, and, to the best of its knowledge, such titles are in good standing, there is no guarantee that titles to such properties will not be challenged or impugned. The properties may be subject to prior unregistered agreements of transfer or aboriginal land claims, and titles may be affected by undetected defects. In addition, according to the applicable mining legislation in the Province of Québec, the Corporation will need to incur expenditures on its properties and pay a rent in order to renew claims upon their expiry. There can be no assurance that the Corporation will be successful in renewing all such claims.

The framework agreement dated April 12, 2018 between the Corporation, the *Conseil des Atikamekw de Manawan* and the *Conseil de la Nation Atikamekw* establishes negotiation topics to be discussed and goals to be met in order to arrive at a successful agreement in the best interests of all parties concerned. It also states subjects and guidelines to consider throughout the discussion process to favour an environment propitiatory to a sound negotiation. Then, on April 23, 2019, the Corporation entered into the PDA with the *Conseil des Atikamekw de Manawan* and *the Conseil de la Nation* Atikamekw for the Matawinie Mine Project. The PDA outlines the respective rights and interests of all parties with respect to pre-development activities and provides a guideline for negotiating an IBA relating to the Matawinie Mine Project. No assurance can, however, be provided that the parties will reach an agreement in regard to the IBA, although progress is considerable. On November 18, 2020, the *Conseil des Atikamekw de Manawan* and the *Conseil de la Nation Atikamekw* issued a press release in which they affirm that following recent consultation with the Crown (Québec Government), there is no social acceptability for the Matawinie Mine Project from the standpoint of the *Conseil des Atikamekw de Manawan* and the *Conseil de la Nation Atikamekw*. On February 12, 2021, the *Conseil des Atikamekw de Manawan* issued a press release to denounce the Decree as there is no social acceptability for the Matawinie Mine Project from the standpoint of the *Conseil des Atikamekw de Manawan*. The Corporation continues to engage with the *Conseil des Atikamekw de Manawan* and intends to maintain an open communication channel with the *Conseil de la Nation Atikamekw* about the Matawinie Mine Project. If the Corporation, for any reason, is unable to reach satisfactory agreements with the *Conseil des Atikamekw de Manawan* and the *Conseil de la Nation Atikamekw*, such incapacity could have a material adverse impact on the Corporation and could result in an increase in capital expenditures or production costs, a decrease in production levels or the need to cancel or postpone the development of the Matawinie Mine Project.

As part of the Uatnan Mining Project, the Corporation has initiated a relationship with the Innu First Nation of Pessamit to understand their perspective, concerns, and priorities towards this project. As the Uatnan Mining Project represents a considerably different mining project than that promoted by Mason Graphite previously, parties jointly agreed that the Mushalakan agreement signed with Mason Graphite was no longer applicable to this mining development. As such, the Band Council of the Innu First Nation of Pessamit and the Corporation have agreed to work towards signing a pre-development agreement to guide the next development stages of the Uatnan Mining Project.

Community Relations

The Corporation's relationships with the communities in which it is located and other stakeholders are critical to ensure the future success of the construction and development of the Matawinie Mine Project, the Bécancour Battery Material Plant

Project and the Uatnan Mining Project. There is an increasing level of public concern relating to the perceived effect of mining activities on the environment and on communities impacted by such activities. The evolving expectations related to human rights, indigenous rights, and environmental protection may result in opposition to the Corporation's future operations or further development or new development of the Matawinie Mine Project, the Bécancour Battery Material Plant Project and the Uatnan Mining Project. Such opposition may be directed through legal or administrative proceedings or expressed in manifestations such as protests, roadblocks or other forms of public expression against the Corporation's activities, and may have a negative impact on the Corporation's reputation and operations.

Opposition by any of the aforementioned groups to the Corporation's operations may require modification of, or preclude the operation or development of, the Matawinie Mine Project, the Bécancour Battery Material Plant Project and the Uatnan Mining Project or may require the Corporation to enter into agreements with such groups or local governments with respect to the Matawinie Mine Project, the Bécancour Battery Material Plant Project and the Uatnan Mining Project, in some cases causing increased cost and considerable delays to the advancement of the Matawinie Mine Project, the Bécancour Battery Material Plant Project and the Uatnan Mining Project. Further, publicity adverse to the Corporation, its operations or extractive industries generally, could have an adverse effect on the Corporation and may impact relationships with the communities in which the Corporation operates and other stakeholders. While the Corporation is committed to operating in a socially responsible manner, there can be no assurance that its efforts in this respect will mitigate this potential risk.

The Corporation has been and is actively engaged in certain community projects to improve both local employment opportunities and local quality of life. Such projects may negatively impact the Corporation's relationships with such local communities if the projects fail to provide the expected benefits.

Dependence on Key Personnel

The Corporation's success and viability depends, to some extent, on its ability to attract and maintain qualified key management personnel. Competition for such personnel is intense and may impact the ability to attract and retain such personnel. The loss of any key personnel may have a material adverse effect on the Corporation, its business and its financial position.

Attracting and Retaining Skilled Workforce

The marketplace for key skilled personnel is becoming more competitive, which means the cost of hiring, training and retaining such personnel may increase. Factors outside of the Corporation's control, including competition for human capital and the high level of technical expertise and experience required to execute the Corporation's development, will affect the Corporation's ability to employ the specific personnel required. Furthermore, the hiring and retention of qualified personnel in the mining industry is highly competitive. The Corporation may experience difficulty in competing with more established and better financed companies in retaining our current management or hiring new personnel to meet the Corporation's business and financial requirements. If the Corporation is unable to hire or retain necessary personnel, it could materially adversely affect the Corporation's business, results of operations and financial condition.

Labor Relations

While the Corporation has good relations with its employees, there can be no assurance that it will be able to maintain positive relationships with its employees. In addition, relations between the Corporation and its employees may be impacted by regulatory or governmental changes introduced by the relevant authorities in whose jurisdictions the Corporation carries on business. Adverse changes in such legislation or in the relationship between the Corporation and its employees could have a material adverse impact on the Corporation's business, results of operations and financial condition.

Health and Safety Risks

The mineral exploration, development and production business like the advanced manufacturing sector carry an inherent risk of liability related to worker health and safety, including the risk of government-imposed orders to remedy unsafe conditions, potential penalties for contravention of health and safety laws, requirements for permits and other regulatory approvals, and potential civil liability. Compliance with health and safety laws, and any changes to such laws, and the requirements of applicable permits and other regulatory requirements remains material to the Corporation's business. The Corporation may become subject to government orders, investigations, inquiries or other proceedings (including civil claims) relating to health and safety matters. The occurrence of any of these events or any changes, additions to or more rigorous enforcement of health and safety laws, permits or other approvals could have a significant impact on operations and result in additional costs or penalties. In turn, these could have a material adverse effect on the Corporation's reputation, operations and future prospects.

Global Financial Conditions

The Corporation's financial results are tied to Canada and world economic conditions. Increased uncertainty regarding regional and global financial stability could cause the Corporation to experience revenue declines and a decrease in the availability of credit and on the Corporation's ability to raise capital. Global financial conditions continue to be characterized as volatile. In recent years, global markets have been adversely impacted by various credit crises, as a result of infectious diseases and global pandemic crises. Many industries, including the mining industry, have been impacted by these market conditions. Global financial conditions remain subject to sudden and rapid destabilizations in response to future events, as government authorities may have limited resources to respond to future crises. A continued or worsened slowdown in the financial markets or other economic conditions, including but not limited to consumer spending, employment rates, business conditions, inflation, energy costs, consumer debt levels, lack of available credit, the state of the financial markets, interest rates and tax rates, may adversely affect the Corporation's growth and profitability. Future crises may be precipitated by any number of causes, including natural disasters, geopolitical instability, changes to energy prices or sovereign defaults. If increased levels of volatility continue or in the event of a rapid destabilization of global economic conditions, it may result in a material adverse effect on commodity prices, demand for metals, availability of credit, investor confidence, and general financial market liquidity, all of which may adversely affect the Corporation's business and the market price of the Corporation's securities.

Ongoing of War in Ukraine

The Corporation's future operations may be affected by the ongoing war between Russia and Ukraine. On February 24, 2022, Russia launched a military invasion of Ukraine, and as of the date hereof, is still ongoing. As a result, the international community has responded with a variety of sanctions on Russia and companies have withdrawn products and services from Russia. While the precise effects of the ongoing military conflict and sanctions imposed on Russia and global economies remain uncertain, they have already resulted in significant volatility in financial markets, as well as in an increase in energy and commodity prices globally.

Any further escalation, imposition of sanctions in areas which the Corporation may operate, outbreak of war into other countries or regions or other escalation may have a material adverse effect on the Corporation's ability to develop its business.

Supply Chain Disruption

The Corporation's operations depend on an uninterrupted supply of production inputs, and other supplies and resources. Supply may be interrupted due to a shortage or the scarce nature of inputs, such as unforeseen disruptions due to war, fire, severe weather conditions, natural disasters or other catastrophic events, public health events, labor disagreements, or other transportation problems. Supply might also be interrupted due to transportation and logistics associated with the location of some of the Corporation's operations, and government restrictions or regulations which delay importation of necessary

items. Global pandemic crises and wars, such as the ongoing war between Russia and Ukraine, have had a significant impact on global supply chains, which could impact the Corporation's ability to source supplies required for the Corporation's operations and could increase the costs of those supplies. The disruption of the supply chain could interrupt product supply, which in turn could adversely affect the business, operations or financial performance of the Corporation.

Public Health Crises

Global financial conditions and the global economy in general have, at various times in the past and may in the future, experience extreme volatility in response to economic shocks or other events. Many industries, including the mining industry, are impacted by volatile market conditions in response to the widespread outbreak of epidemics, pandemics or other health crises. Some of the key impacts of these conditions include devaluations and high volatility in global equity, commodities, foreign exchange and mining markets and a lack of market confidence and liquidity. Financial institutions and large Corporation s may be forced into bankruptcy or need to be rescued by government authorities. Access to financing may also be negatively impacted by future liquidity crises throughout the world. These factors may impact the Corporation's ability to obtain equity or debt financing and, where available, to obtain such financing on terms favourable to the Corporation. Increased levels of volatility and market turmoil could have a material adverse impact on the Corporation's operations and planned growth and the trading price of the securities of the Corporation may be adversely affected.

Even though the Corporation is implementing business continuity measures and governmental recommendations to mitigate and reduce any potential impacts of potential outbreak of epidemics, pandemics or other health crises on its business, operations, supply chain and financial condition, spread of infectious diseases could have a material adverse impact on the Corporation's workforce and the development of its Matawinie Mine Project and its Bécancour Battery Material Plant Project, as well as the integration of the Uatnan Mining Project into the Corporation's Phase-3 operations. The full extent and impact of potential outbreak of epidemics, pandemics or other health crises on the Corporation's operations cannot currently be ascertained, as it depends upon future developments which cannot be predicted, and includes among other matters: the duration of these outbreaks, the severity of these infectious diseases and the ability to treat them, the ability to collect sufficient data to track these infectious diseases and the collective actions taken to curb the spread of these infectious diseases.

Volatility of Share Price and Market Price of the Common Shares

The price of the shares of resource companies tends to be volatile. Fluctuations in the world price of graphite in response to, among other things, the ongoing war between Russia and Ukraine and many other elements beyond the control of the Corporation could materially affect the price of the Common Shares.

There can be no assurance that an active market for the Common Shares will be sustained after any offering of securities. Securities of companies with smaller capitalizations have experienced substantial volatility in the past, often based on factors unrelated to the financial performance or prospects of the companies involved. These factors include global economic developments and market perceptions of the attractiveness of certain industries. There can be no assurance that continuing fluctuations in price will not occur. If an active market for the Common Shares does not continue, the liquidity of a purchaser's investment may be limited. If such a market does not develop, purchasers may lose their entire investment in the Common Shares.

As a result of any of these factors, the market price of the Common Shares at any given point in time may not accurately reflect the long-term value of the Corporation. Securities class-action litigation often has been brought against companies following periods of volatility in the market price of their securities. The Corporation may in the future be the target of similar litigation. Securities litigation could result in substantial costs and damages, and also divert management's attention and resources.

Project Management Risks

The Corporation is concurrently overseeing the advancement of three major graphite projects, namely the Bécancour Battery Material Plant Project, the Matawinie Mine Project and the Uatnan Mining Project. This requires the dedication of considerable time and resources by the Corporation and its management team. The advancement of two major projects concurrently brings with it the associated risk of strains arising on managerial, human and other resources. The Corporation's ability to successfully manage each of these processes will depend on a number of factors, including its ability to manage competing demands on time and other resources, financial or otherwise, and to successfully retain personnel and recruit new personnel to support its growth and the advancement of its projects.

Public Corporation Obligations

As a publicly listed corporate entity, the Corporation is subject to evolving rules and regulations promulgated by a number of governmental and self-regulated organizations, including the Canadian Securities Administrators (CSA), the TSXV, the NYSE, and the International Accounting Standards Board, which govern corporate governance and public disclosure regulations. These rules and regulations continue to evolve in scope and complexity creating many new requirements, which increase compliance costs and the risk of non-compliance. The Corporation's efforts to comply with these rules and obligations could result in increased general and administration expenses and a diversion of management time and attention from financing, development, operations and, eventually, revenue-generating activities.

Intellectual Property Risks

The Corporation relies on the ability to protect its intellectual property rights and depends on patent, trademark and trade secret legislation to protect its proprietary know-how. There is no assurance that the Corporation has adequately protected or will be able to adequately protect its valuable intellectual property rights, or will at all times have access to all intellectual property rights that are required to conduct its business or pursue its strategies, or that the Corporation will be able to adequately protect itself against any intellectual property infringement claims. There is also a risk that the Corporation's competitors could independently develop similar technology, processes or know-how; that the Corporation's trade secrets could be revealed to third parties; that any current or future patents, pending or granted, will be broad enough to protect the Corporation's intellectual property rights; or, that foreign intellectual property laws will adequately protect such rights. The inability to protect the Corporation's intellectual property could have a material adverse effect on the Corporation's business, results of operations and financial condition.

No Current Plans to Pay Cash Dividends

The Corporation has no current plans to pay any cash dividends for the foreseeable future. Any decision to declare and pay dividends in the future will be made at the discretion of the Board of Directors and will depend on, among other things, the Corporation's financial results, cash requirements, contractual restrictions and other factors that the Board of Directors may deem relevant. In addition, the Corporation's ability to pay dividends may be limited by covenants of any existing and future outstanding indebtedness that the Corporation or its subsidiaries incur. As a result, investors may not receive any return on an investment in the Corporation's securities unless they sell the securities for a price greater than that which they paid for them.

Risks of Relying on Consultants

The Corporation has relied on, and may continue to rely on, consultants and others for mineral exploration and processing expertise. The Corporation believes that those consultants are competent and that they have carried out their work in accordance with internationally recognized industry standards. However, if the work conducted by those consultants is ultimately found to be incorrect or inadequate in any material respect, the Corporation may experience delays or increased costs in developing its properties and processing facilities.

Currency Fluctuations

Currency fluctuations may have an effect on the Corporation's costs, revenue and cash flow. The Corporation raised equity in CAD and USD and certain of the Corporation's estimated capital costs in connection with the Matawinie Mine Project, the Bécancour Battery Material Plant Project, and the Uatnan Mining Project were converted from quotes obtained in foreign currencies and converted into CAD applying a fixed exchange rate. The Corporation has and may further pursue debt financing which may be denominated in USD or other currencies. Accordingly, adverse fluctuations in the relative prices of Euros, USD and other currencies could increase the cost of development and production or increase the cost of borrowing and could materially and adversely affect the Corporation's earnings and financial condition.

Climate Change

As any company, the Corporation is exposed to climate change and any policy, legal, market and technology risks that could emerge from changes required to transition to low carbon economy, whether those changes are required by law (e.g. carbon taxes, mandatory climate-related disclosures) or organic shifts in supply and demand for low-carbon products.

The Canadian government has established a number of policy measures in response to concerns relating to climate change. The impacts of these measures will most likely be to increase costs for fossil fuels, electricity and transportation; restrict industrial emission levels; impose added costs for emissions in excess of permitted levels; and increase costs for monitoring and reporting. The Corporation's business model, which is centered around providing carbon-neutral products to power the energy transition, is mostly aligned with opportunities resulting from those measures. Compliance with these initiatives is not likely to have adverse financial impact on the Corporation in the short and medium term. The Corporation will need to closely monitor electricity prices in Québec on the long-term as it is a vital input to the Corporation's production and profitability.

In addition to transition risks, the physical risks of climate change may also have an adverse effect on the operations of the Corporation and exacerbate certain of the threats facing the Corporation's business. Climate patterns under high and medium scenarios were assessed in the initial environmental impact study for the Matawinie Mine Project and main identified hazards (i.e. higher frequency of extreme rainfall, longer periods without rain in summer, higher average temperature) were reflected into the design of the infrastructure. Other unpredictable extreme weather events such as violent storms, ice storms, heat waves, and wildfires could disrupt the Corporation's operations or damage its infrastructure or properties.

Global climate change could also disrupt the Corporation's supply chain and impact the availability and cost of materials needed for mining operations and could increase insurance and other operating costs.

Catastrophic Events, Natural Disasters, Severe Weather

The Corporation's business may be negatively impacted to varying degrees by a number of events which are beyond its control, including cyber-attacks, unauthorized access, energy blackouts, pandemics, terrorist attacks, acts of war, earthquakes, hurricanes, tornados, fires, floods, ice storms or other natural or manmade catastrophes. While the Corporation engages in emergency preparedness to mitigate risks, such events can evolve very rapidly and their impacts can be difficult to predict. As such, there can be no assurance that in the event of such a catastrophe that the Corporation's operations and ability to carry on business will not be disrupted. The occurrence of such events may not release the Corporation from performing its obligations to third parties.

Cyber Security Risks

Threats to information technology systems associated with cyber security risks and cyber incidents or attacks continue to grow, particularly as a result of the increase in remote work. The level of sophistication of such attacks has also increased. It is possible that the business, financial and other systems of the Corporation could be compromised, which could go unnoticed for some time. Risks associated with these threats include, among other things, loss of intellectual property,

disruption of business operations and safety procedures, loss or damage to worksite data delivery systems, privacy and confidentiality breaches, and increased costs to prevent, respond to or mitigate cyber security incidents. The occurrence of a cyber security incident could have a material adverse effect on the Corporation's business and result in a prolonged disruption to it.

Damage to the Corporation's Facilities and Systems

If the Corporation's facilities or systems are damaged or destroyed, it may experience delays that could negatively impact its business or have other adverse effects. The Corporation's facilities may be affected by natural or man-made disasters. In such an event, the Corporation's insurance may not be sufficient to cover all the potential losses and may not continue to be available to it on acceptable terms, or at all. Furthermore, although its computer and communications systems are protected through physical and software safeguards, they are still vulnerable to fire, storm, flood, power loss, earthquakes, telecommunications failures, physical or software break-ins, software viruses and similar events, and any failure of these systems to perform for any reason and for any period of time could adversely impact the Corporation's ability to operate.

Insurance Risk

Any industries, including the mining industry, are subject to significant risks that could result in damage to or destruction of property and facilities, personal injury or death, environmental damage and pollution, delays in production, expropriation of assets and loss of title to mining claims and mining lease. No assurance can be given that insurance to cover the risks to which the Corporation's activities are subject will be available at all or at commercially reasonable premiums. The Corporation currently maintains insurance within ranges of coverage that it believes to be consistent with industry practice for companies of a similar stage of development. Moreover, the Corporation may have to renew and/or acquire additional insurance coverage. The Corporation may become subject to liability for pollution or other hazards against which it cannot insure or against which it may elect not to insure because of high premium costs or other reasons. The Corporation carries liability insurance with respect to its exploration, development, beneficiation and transformation operations, including certain limited environmental liability insurance coverage. The payment of any such liabilities would reduce the funds available to the Corporation. If the Corporation is unable to fully fund the cost of remedying an environmental problem, it might be required to suspend operations or enter into costly interim compliance measures pending completion of a permanent remedy. The Corporation may also become subject to liabilities which exceed policy limits. In such circumstances, the Corporation may be required to incur significant costs that could have a material adverse effect upon its performance, results of operations and economic viability.

Tax Risks

The Corporation was partly financed by the issuance of flow-through shares. However, there is no guarantee that the funds spent by the Corporation will qualify as Canadian exploration expenses, even if the Corporation has committed to take all the necessary measures for this purpose. Refusals of certain expenses by tax authorities could have negative tax consequences for investors and, in such an event, the Corporation will have to indemnify each flow-through share subscriber for any additional taxes.

Conflicts of Interest

Some of the directors and officers of the Corporation may be engaged in the search for additional business opportunities on behalf of other companies, and situations may arise where these directors and officers will be in direct competition with the Corporation. Conflicts, if any, will be dealt with in accordance with the relevant provisions of the CBCA. Some of the directors and officers of the Corporation may become directors of other companies engaged in same or other business ventures.

Dilution

Additional financing needed to continue funding the development, construction and operation of the Matawinie Mine Project, the Bécancour Battery Material Plant Project and the Uatnan Mining Project may require the issuance of additional securities. The issuance of additional securities and the exercise of common share purchase warrants, stock options and other convertible securities, as applicable, will result in dilution of the equity interests of any persons who are or may become holders of Common Shares.

As of the date of this Annual Information Form, an aggregate of 55,873,898 Common Shares are currently issued and outstanding as fully paid and non-assessable and 3,877,048 stock options are currently issued and outstanding, collectively entitling the holders thereof to purchase an aggregate of up to of 3,877,048 Common Shares. Furthermore, upon conversion of the Convertible Notes, an aggregate of 10,000,000 Common Shares and 10,000,000 Warrants may be issued. The Corporation has capitalized the accrued interests on the Convertible Notes, resulting in 160,976 Common Shares to be issued at the maturity or conversion of the Convertible Notes.

On a fully diluted basis, assuming the exercise in whole of the issued and outstanding stock options and the conversion in whole of the share warrants and the Convertible Notes, 79,911,922 Common Shares would be issued and outstanding as fully paid and non-assessable

Pallinghurst Graphite is the wholly-owned subsidiary of Pallinghurst International, an insider of the Corporation and the beneficial owner of an aggregate of 11,541,013 Common Shares representing 20.66% of the issued and outstanding Common Shares. Assuming the conversion in whole of the Convertible Note of Pallinghurst Bond, wholly-owned subsidiary of Pallinghurst International, Pallinghurst International would be the beneficial owner of an aggregate of 16,541,013 Common Shares, representing 27.17% of the issued and outstanding Common Shares, on a partially diluted basis.

IQ is an insider of the Corporation and the beneficial owner of an aggregate of 5,795,991 Common Shares representing 10.37% of the issued and outstanding Common Shares. Assuming the conversion in whole of its Convertible Note, IQ would be the beneficial owner of an aggregate of 10,795,991 Common Shares, representing 17.74% of the issued and outstanding Common Shares, on a partially diluted basis.

As of the date of this Annual Information Form, Mitsui is the beneficial owner of no Common Share. Although, assuming the conversion in whole of its Convertible Note, Mitsui would be the beneficial owner of an aggregate of 10,000,000 Common Shares, representing 15.18% of the issued and outstanding Common Shares, on a partially diluted basis.

The concentration of an important percentage of the issued and outstanding Common Shares in the hands of a single shareholder may discourage an unsolicited bid for the Common Shares, and this may adversely impact the value and trading price of the Common Shares. In addition, sales of Common Shares by each of Pallinghurst International, IQ or Mitsui may adversely affect the trading price of the Common Shares.

Structural Subordination of the Common Shares

In the event of a bankruptcy, liquidation or reorganization of the Corporation, holders of certain of its indebtedness and certain trade creditors will generally be entitled to payment of their claims from the assets of the Corporation before any assets are made available for distribution to the shareholders of the Corporation. The Common Shares will be effectively subordinated to most of the other indebtedness and liabilities of the Corporation.

Forward-Looking Statements

By their nature, forward-looking statements involve numerous assumptions, known and unknown risks and uncertainties, of both a general and specific nature, that could cause actual results to differ materially from those suggested by the forward-

looking statements or contribute to the possibility that predictions, forecasts or projections will prove to be materially inaccurate.

Litigation and Other Legal Proceedings

Like most companies, the Corporation is subject to the threat of litigation and may be involved in disputes with other parties which may result in litigation or other proceedings. The Corporation's operations are subject to the risk of legal claims by employees, unions, contractors, debt holders, lenders, suppliers, future joint venture partners, shareholders, governmental agencies or others through private actions, class actions, administrative proceedings, regulatory actions or other litigation.

Shareholder Activism

In recent years, publicly-traded companies have been increasingly subject to demands from activist shareholders advocating for changes to corporate governance practices, such as executive compensation practices, social issues, or for certain corporate actions or reorganizations. There can be no assurances that activist shareholders will not publicly advocate for the Corporation to make certain corporate governance changes or engage in certain corporate actions. Responding to challenges from activist shareholders, such as proxy contests, media campaigns or other activities, could be costly and time consuming and could have an adverse effect on the Corporation's reputation and divert the attention and resources of the Corporation's management and Board of Directors, which could have an adverse effect on the Corporation's business and results of operations. Even if the Corporation does undertake such corporate governance changes or corporate actions, activist shareholders may continue to promote or attempt to effect further changes, and may attempt to acquire control of the Corporation to implement such changes. If shareholder activists seeking to increase short-term shareholder value are elected to the Corporation's Board of Directors, this could adversely affect the Corporation's business and future operations. Additionally, shareholder activism could create uncertainty about the Corporation's future strategic direction, resulting in loss of future business opportunities, which could adversely affect the Corporation's business, future operations, profitability and ability to attract and retain qualified personnel.

Project Opposition Risks

The Matawinie Mine Project and Uatnan Mining Project, like many mining projects, may have opponents. Opponents of other mining projects have, in some cases, been successful in bringing public and political pressure against mining projects. Substantial opposition to any of the Corporation's mining projects could result in delays to developments or plans, or prevent the project from proceeding at all, despite the commercial viability of the project.

Failure to establish and maintain effective disclosure and internal controls could result in the loss of investor confidence in the reliability of the Corporation's financial statements, harm its business and operating results and negatively impact the trading price of the Common Shares, and could also result in the Corporation failing to meet its reporting obligations.

Internal control over financial reporting is a process designed to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with IFRS. Disclosure controls and procedures are designed to ensure that the information required to be disclosed by the Corporation in reports filed with securities regulatory agencies is recorded, processed, summarized and reported on a timely basis and is accumulated and communicated to the Corporation's management, as appropriate, to allow timely decisions regarding required decisions. The Corporation has invested resources to document and analyze its system of disclosure controls and its internal control over financial reporting. A control system, no matter how well designed and operated, can provide only reasonable, not absolute, assurance with respect to the reliability of financial reporting and financial statement preparation. The Corporation's failure to satisfy the requirements of applicable securities laws on an ongoing, timely basis could result in the loss of investor confidence in the reliability of its financial statements, which in turn could harm its business and negatively impact the trading price of the Common Shares. In addition, any failure to implement required new or improved

controls, or difficulties encountered in their implementation, could harm the Corporation's operating results or cause it to fail to meet its reporting obligations.

The Corporation has incurred and will incur increased costs as a result of being a public company in the U.S., and its management may be required to devote substantial time to U.S. public company compliance efforts.

As a public company in the U.S., the Corporation has incurred and will incur additional legal, accounting, reporting and other expenses that the Corporation did not incur as a public company in Canada. The additional demands associated with being a public company in the U.S. may disrupt regular operations of the Corporation's business by diverting the attention of some of its senior management team away from operational activities to additional management and administrative oversight, adversely affecting its ability to attract and complete business opportunities and increasing the difficulty in both retaining professionals and managing and growing its business. Any of these effects could harm the Corporation's business, results of operations and financial condition.

The *U.S. Sarbanes-Oxley Act 2002*, as amended (the "**U.S. Sarbanes-Oxley Act**") requires that the Corporation maintain effective disclosure controls and procedures and internal control over financial reporting. Pursuant to Section 404 of the U.S. Sarbanes-Oxley Act ("**Section 404**"), the Corporation is required to furnish a report by its management on its internal control over financial reporting ("**ICFR**") as defined in Rules 13a-15(f) and 15d-15(f) under the *Securities Exchange Act of 1934*, as amended (the "**Exchange Act**"), which, if or when the Corporation is no longer an "emerging growth company" as defined in the *Jumpstart Our Business Startups Act of 2012*, must be accompanied by an attestation report on ICFR issued by its independent registered public accounting firm.

To achieve compliance with Section 404 within the prescribed period, the Corporation will document and evaluate its ICFR, which is both costly and challenging. In this regard, the Corporation will need to continue to dedicate internal resources, potentially engage outside consultants and adopt a detailed work plan to assess and document the adequacy of its ICFR, continue steps to improve control processes as appropriate, validate through testing that controls are functioning as documented and implement a continuous reporting and improvement process for ICFR. Despite the efforts of the Corporation, there is a risk that neither the Corporation nor its independent registered public accounting firm will be able to conclude within the prescribed timeframe that its ICFR is effective as required by Section 404. This could result in a determination that there are one or more material weaknesses in its ICFR, which could cause an adverse reaction in the financial markets due to a loss of confidence in the reliability of its consolidated financial statements. In addition, in the event that the Corporation is not able to demonstrate compliance with the U.S. Sarbanes-Oxley Act, that its ICFR reporting is perceived as inadequate, or that the Corporation is unable to produce timely or accurate financial statements, investors may lose confidence in its operating results and the price of its Common Shares may decline. In addition, if the Corporation is unable to continue to meet these requirements, the Corporation may not be able to remain listed on the NYSE.

As a foreign private issuer, the Corporation is subject to different U.S. securities laws and rules than a domestic U.S. issuer, which may limit the information publicly available to its shareholders.

The Corporation is a "foreign private issuer" as such term is defined in Rule 405 under the *Securities Act of 1933*, as amended, and is, therefore, not subject to the same requirements that are imposed upon U.S. domestic issuers by the SEC. Additionally, the Corporation is permitted, under the multijurisdictional disclosure system ("**MJDS**") adopted by the SEC and the Canadian Securities Administrators, to prepare certain disclosure documents filed with the SEC on MJDS-specific forms in accordance with Canadian disclosure requirements. Under the Exchange Act, the Corporation is subject to reporting obligations that, in certain respects, are less detailed and less frequent than those of U.S. domestic reporting companies. As a result, the Corporation will not file the same reports that a U.S. domestic issuer would file with the SEC, although the Corporation will be required to file or furnish to the SEC the continuous disclosure documents that the Corporation is required to file in Canada under Canadian securities laws. In addition, the officers, directors, and principal shareholders of the Corporation are exempt from the reporting and "short swing" profit recovery provisions of Section 16 of the Exchange Act. Therefore, the shareholders of the Corporation may not know on a timely basis when its officers, directors and principal

shareholders purchase or sell shares, as the reporting deadlines under the corresponding Canadian insider reporting requirements are longer.

As a foreign private issuer, the Corporation is exempt from the rules and regulations under the Exchange Act related to the furnishing and content of proxy statements. The Corporation is also exempt from Regulation FD, which prohibits issuers from making selective disclosures of material non-public information. While the Corporation will comply with the corresponding requirements relating to proxy statements and disclosure of material non-public information under Canadian securities laws, these requirements differ from those under the Exchange Act and Regulation FD and shareholders should not expect to receive in every case the same information at the same time as such information is provided by U.S. domestic companies.

In addition, as a foreign private issuer, the Corporation is permitted to follow certain Canadian corporate governance practices, except to the extent that such practices would be contrary to U.S. securities laws, and provided that the Corporation discloses the requirements the Corporation is not following and describes the Canadian practices the Corporation follows instead. As a result, the shareholders of the Corporation may not have the same protections afforded to shareholders of U.S. domestic companies that are subject to all U.S. corporate governance requirements.

In order to maintain its status as a foreign private issuer, a majority of the Common Shares must be either directly or indirectly owned by non-residents of the U.S. unless the Corporation also satisfies one of the additional requirements necessary to preserve this status. The Corporation may in the future lose its foreign private issuer status if a majority of its Common Shares are held in the U.S. and if the Corporation fails to meet the additional requirements necessary to avoid loss of its foreign private issuer status. The regulatory and compliance costs under U.S. federal securities laws as a U.S. domestic issuer may be significantly more than the costs incurred as a Canadian foreign private issuer eligible to use the MJDS. If the Corporation is not a foreign private issuer, it would not be eligible to use the MJDS or other foreign issuer forms and would be required to file periodic and current reports and registration statements on U.S. domestic issuer forms with the SEC, which are more detailed and extensive than the forms available to a foreign private issuer. In addition, the Corporation may lose the ability to rely upon exemptions from U.S. corporate governance requirements that are available to foreign private issuers.

The Corporation is an emerging growth company and intends to take advantage of reduced disclosure requirements applicable to emerging growth companies, which could make the Common Shares less attractive to investors.

The Corporation is an “emerging growth company” as defined in the *Jumpstart Our Business Startups Act* of 2012. The Corporation will remain an emerging growth company until the earliest to occur of (i) the last day of the fiscal year in which the Corporation has total annual gross revenue of US$1.235 billion or more during such fiscal year; (ii) December 31, 2026 (the last day of the fiscal year following the fifth anniversary of the effective date of the Corporation’s first registration statement filed under the U.S. Securities Act); (iii) the date on which the Corporation has issued more than US$1.0 billion in non-convertible debt securities during the prior three-year period; or (iv) the date the Corporation qualifies as a “large accelerated filer” under the rules of the SEC, which means the market value of the Common Shares held by non-affiliates exceeds US$700 million as of the last business day of its most recently completed second fiscal quarter after the Corporation has been a reporting Corporation in the U.S. for at least 12 months. For so long as the Corporation remains an emerging growth company, the Corporation is permitted to, and intends to, rely upon exemptions from certain disclosure requirements that are applicable to other public companies that are not emerging growth companies. These exemptions include not being required to comply with the auditor attestation requirements of Section 404 of the U.S. Sarbanes-Oxley Act.

The Corporation may take advantage of some, but not all, of the available exemptions available to emerging growth companies. The Corporation cannot predict whether investors will find the Common Shares less attractive if the Corporation relies on these exemptions. If some investors find the Common Shares less attractive as a result, there may be a less active trading market for the Common Shares and the price of the Common Shares may be more volatile.

The Corporation is governed by the corporate and securities laws of Canada which in some cases have a different effect on shareholders than the corporate laws of U.S. and U.S. securities laws.

The Corporation is governed by the CBCA and other relevant laws, which may affect the rights of shareholders differently than those of a company governed by the laws of a U.S. jurisdiction, and may, together with the Corporation's constating documents, have the effect of delaying, deferring or discouraging another party from acquiring control of the Corporation by means of a tender offer, a proxy contest or otherwise, or may affect the price an acquiring party would be willing to offer in such an instance. For example, the material differences between the CBCA and the Delaware General Corporation Law (the "**DGCL**"), a statutory regime for many U.S. companies, that may have the greatest such effect include, but are not limited to, the following: (i) for material corporate transactions (such as mergers and amalgamations, other extraordinary corporate transactions or amendments to the Corporation's articles) the CBCA generally requires a two-thirds majority vote by shareholders, whereas the DGCL generally requires only a majority vote; and (ii) under the CBCA, holders of 5% or more of the Corporation's shares that carry the right to vote at a meeting of shareholders can requisition a special meeting of shareholders, whereas such right does not exist under the DGCL.

As the Corporation is a Canadian corporation and most of its directors and officers reside in Canada, it may be difficult for U.S. shareholders to effect service on the Corporation to realize on judgments obtained in the U.S. Similarly, it may be difficult for Canadian investors to enforce civil liabilities against its directors and officers residing outside of Canada.

The Corporation is governed by the CBCA with its principal place of business in Canada, most of its directors and officers reside in Canada and all or substantially all of the Corporation's assets and all or a substantial portion of the assets of these directors and officers may be located outside the U.S. Consequently, it may be difficult for investors who reside in the U.S. to effect service of process in the U.S. upon the Corporation or upon such persons who are not residents of the U.S., or to realize upon judgments of courts of the U.S. predicated upon the civil liability provisions of the U.S. federal securities laws. A judgment of a U.S. court predicated solely upon such civil liabilities may be enforceable in Canada by a Canadian court if the U.S. court in which the judgment was obtained had jurisdiction, as determined by the Canadian court, in the matter. Investors should not assume that Canadian courts: (i) would enforce judgments of U.S. courts obtained in actions against the Corporation or such persons predicated upon the civil liability provisions of the U.S. federal securities laws or the securities or blue sky laws of any state within the U.S., or (ii) would enforce, in original actions, liabilities against the Corporation or such persons predicated upon the U.S. federal securities laws or any such state securities or blue sky laws. Similarly, some of the Corporation's directors and officers are residents of countries other than Canada and all or a substantial portion of the assets of such persons are located outside Canada. As a result, it may be difficult for Canadian investors to initiate a lawsuit within Canada against these persons. In addition, it may not be possible for Canadian investors to collect from such persons judgments obtained in courts in Canada predicated on the civil liability provisions of securities legislation of certain of the provinces of Canada. It may also be difficult for Canadian investors to succeed in a lawsuit in the U.S. based solely on violations of Canadian securities laws.

The Corporation may be a Passive Foreign Investment Company which may result in adverse U.S. federal income tax consequences for U.S. Holders of Common Shares.

Generally, if for any taxable year, 75% or more of the Corporation's gross income is passive income, or at least 50% of the average quarterly value of the Corporation's assets are held for the production of, or produce, passive income, the Corporation would be characterized as a passive foreign investment company ("**PFIC**") for U.S. federal income tax purposes. Based on the current profile of the Corporation's gross income, gross assets, the nature of its business, and its anticipated market capitalization, the Corporation believes that it was likely a PFIC for its most recently completed tax year. While the Corporation has not made a determination of expected PFIC status for the current taxable year, there is a risk that it may be a PFIC in the current taxable year and in the foreseeable future. No opinion of legal counsel or ruling from the IRS concerning the Corporation's status as a PFIC has been obtained or is currently planned to be requested. Because PFIC status is determined on an annual basis and generally cannot be determined until the end of the taxable year, there can be no assurance that the Corporation will not be a PFIC for the current or future taxable years. If the Corporation is a PFIC for

any year during a U.S. taxpayer's holding period of Common Shares, then such U.S. taxpayer generally will be required to treat any gain realized upon a disposition of the Common Shares or any so-called "excess distribution" received on its Common Shares as ordinary income, and to pay an interest charge on a portion of such gain or distribution. In certain circumstances, the sum of the tax and the interest charge may exceed the total amount of proceeds realized on the disposition, or the amount of excess distribution received, by the U.S. taxpayer. Subject to certain limitations, these tax consequences may be mitigated if a U.S. taxpayer makes a timely and effective "qualified electing fund election" ("**QEF Election**") or a "mark-to-market election" ("**Mark-to-Market Election**"). A U.S. taxpayer who makes a timely and effective QEF Election generally must report on a current basis its share of the Corporation's net capital gain and ordinary earnings for any year in which the Corporation is a PFIC, whether or not the Corporation distributes any amounts with respect to the Common Shares. However, U.S. taxpayers should be aware that there can be no assurance that the Corporation will satisfy the record keeping requirements that apply to a qualified electing fund, or that the Corporation will supply U.S. taxpayers with information that such U.S. taxpayers require to report under the QEF Election rules, in the event that the Corporation a PFIC and a U.S. taxpayer wishes to make a QEF Election. Thus, U.S. taxpayers may not be able to make a QEF Election with respect to their Common Shares. A U.S. taxpayer who makes the Mark-to-Market Election generally must include as ordinary income each year the excess of the fair market value of the Common Shares over the taxpayer's basis therein. Each U.S. holder of Common Shares should consult its own tax advisor regarding the tax consequences of the PFIC rules and the acquisition, ownership, and disposition of the Common Shares.

If a U.S. person is treated as owning at least 10% of the Common Shares, such holder may be subject to adverse U.S. federal income tax consequences.

If a U.S. person is treated as owning (directly, indirectly, or by attribution) at least 10% of the value or voting power of the shares of a foreign corporation, such person may be treated as a "U.S. shareholder" with respect to a "controlled foreign corporation" if the foreign corporation otherwise qualifies as a controlled foreign corporation for U.S. federal income tax purposes. A U.S. shareholder of a controlled foreign corporation may be required to report annually and include in its U.S. taxable income its pro rata share of "Subpart F income", "global intangible low-taxed income" and investments in U.S. property by a controlled foreign corporation, regardless of whether such corporation makes any distributions. An individual that is a U.S. shareholder with respect to a controlled foreign corporation generally would not be allowed certain tax deductions or foreign tax credits that would be allowed to a U.S. shareholder that is a U.S. corporation. Failure to comply with these reporting obligations may subject a U.S. shareholder to significant monetary penalties and may toll the statute of limitations with respect to such shareholder's U.S. federal income tax return for the year for which reporting was due. A U.S. investor should consult its own advisors regarding the potential application of these rules to an investment in the Common Shares.

There is no assurance the Corporation will continue to meet the listing standards of the NYSE and the TSXV.

The Corporation must meet continuing listing standards to maintain the listing of the Common Shares on the NYSE and the TSXV. If the Corporation fails to comply with listing standards and the NYSE and/or the TSXV delists the Common Shares, the Corporation and its shareholders could face significant material adverse consequences, including:

- a limited availability of market quotations for the Common Shares;
- reduced liquidity for the Common Shares;
- a determination that the Common Shares are "penny stock," which would require brokers trading in the Common Shares to adhere to more stringent rules and possibly result in a reduced level of trading activity in the secondary trading market for the Common Shares;
- a limited amount of news about the Corporation and analyst coverage of it; and
- a decreased ability for the Corporation to issue additional equity securities or obtain additional equity or debt financing in the future.

The Corporation may need to raise additional financing in the future, including through the issuance of additional equity securities or convertible debt securities, which may dilute the interests of shareholders of the Corporation.

The Corporation may need to raise additional financing in the future, including through the issuance of additional equity securities or convertible debt securities. If the Corporation raises additional funding by issuing additional equity securities or convertible debt securities, such financings may substantially dilute the interests of shareholders of the Corporation and reduce the value of their investment and the value of the Corporation's securities.

The Corporation's constating documents permit it to issue additional securities in the future, including Common Shares, without additional shareholder approval.

The Corporation's articles permit it to issue an unlimited number of Common Shares. The Corporation anticipates that it will, from time to time, issue additional Common Shares in the future, including in connection with potential acquisitions. Subject to the requirements of the TSXV and the NYSE, the Corporation will not be required to obtain the approval of shareholders for the issuance of additional Common Shares. Any further issuances of Common Shares will result in immediate dilution to existing shareholders and may have an adverse effect on the value of their shareholdings.

If securities or industry analysts do not publish research or reports about the Corporation, or if they downgrade the Common Shares, the price of the Common Shares could decline.

The trading market for the Common Shares depends, in part, on the research and reports that securities or industry analysts publish about the Corporation. The Corporation does not have any control over these analysts. If one or more of the analysts who cover the Corporation downgrade the Common Shares or publish inaccurate or unfavourable research about the Corporation, the price of the Common Shares would likely decline. In addition, if the Corporation's results of operations fail to meet the forecast of analysts, the price of the Common Shares would likely decline. If one or more of these analysts cease coverage of the Corporation or fail to publish reports on the Corporation regularly, demand for the Common Shares could decrease, which might cause the price and trading volume of the Common Shares to decline.

The market price of the Common Shares is subject to fluctuations and may not reflect the Corporation's long-term value at any given time, and the Corporation may be subject to securities litigation as a result.

The price of the Common Shares is likely to be significantly affected by a variety of factors and events including short-term changes to the Corporation's financial condition or results of operations as reflected in the Corporation's quarterly financial statements. Other factors unrelated to the Corporation's performance that may have an effect on the price of the Common Shares include the following: (i) the extent of analytical coverage available to investors concerning the Corporation's business may be limited if investment banks with research capabilities do not follow the Corporation's securities; (ii) lessening in trading volume and general market interest in the Corporation's securities may affect an investor's ability to trade significant numbers of the Common Shares; (iii) the size of the Corporation's public float may limit the ability of some institutions to invest in the Corporation's securities; and (iv) a substantial decline in the price of the Common Shares that persists for a significant period of time could cause the Corporation's securities to be delisted from the NYSE or TSXV, further reducing market liquidity.

As a result of any of these factors, the market price of the Common Shares is subject to fluctuations and may not accurately reflect the Corporation's long-term value at any given point in time. Securities class action litigation has often been brought against companies following periods of volatility in the market price of their securities. The Corporation may be the target of similar litigation in the future. Securities litigation could result in substantial costs and damages and divert management's attention and resources.

DESCRIPTION OF THE MINERAL PROJECTS

The Matawinie Mine Project

The following description of the Matawinie Graphite Property was summarized from the 2022 Technical Report that was prepared by Mr. André Allaire, P.Eng., PhD, Jeffrey Cassoff, P.Eng., Mr. Bernard-Olivier Martel, P. Geo., Mr. Simon Fortier, P.Eng., Mr. Yann Camus, P.Eng. (the " **Authors of the 2022 Technical Report**"), each of whom is a "qualified person" and "independent" of the Corporation, as at the issuance date of the 2022 Technical Report, within the meaning of NI 43-101 and is qualified in its entirety with reference to the full text of the 2022 Technical Report. The summary is subject to all the assumptions, conditions and qualifications set forth in the 2022 Technical Report. The 2022 Technical Report was prepared in accordance with NI 43-101 and for additional technical details, please see the complete text of the 2022 Technical Report which was filed with the applicable regulatory authorities and was posted under the Corporation's profile on SEDAR at www.sedar.com and on EDGAR at www.sec.gov on August 12, 2022. Defined terms and abbreviations used in this section and not otherwise defined in this Annual Information Form have the meanings attributed to them in the 2022 Technical Report. In this section, the number identifying each table and figure referred to the number identifying each of these tables and figures in the 2022 Technical Report.

All statements contained in these sections are based on expectations, estimates and projections as of the date of the 2022 Technical Report. The estimates and projections of future production for the Matawinie Mine Project are necessarily based upon a number of estimates and assumptions that, while considered reasonable by the Corporation as of the time of such statements, are inherently subject to significant business, economic and competitive uncertainties and contingencies. These estimates and assumptions are based on existing plans and other assumptions which change from time to time, including mineral reserve and mineral resource estimates; the availability, accessibility, sufficiency and quality of graphite; the Corporation's costs of production; the Corporation's ability to sustain and increase production levels; the sufficiency of the Corporation's infrastructure; the performance of the Corporation's workforce and equipment; the Corporation's ability to maintain and obtain mining interests and permits; and the Corporation's compliance with existing and future laws and regulations; actual graphite mined varying from estimates of grade, tonnage, dilution and metallurgical and other characteristics; revisions to mine plans; risks and hazards associated with mining; natural phenomena, such as inclement weather conditions, water availability, floods, and seismic activity; and unexpected labor shortages, strikes, local community opposition or blockades. Accordingly, these estimates and assumptions may prove to be incorrect as of the date of this Annual Information Form and readers should not place undue reliance on such information. The Corporation disclaims any intention or obligation to update or revise any forward-looking statements or to explain any material difference between subsequent actual events and such forward-looking statements, except to the extent required by applicable law.

Readers are cautioned that the information provided in this section is provided as of the effective date of the 2022 Technical Report, being July 6, 2022.

Introduction

The Corporation is working towards developing a fully integrated source of carbon-neutral battery Anode Material in Québec, Canada for the growing lithium-ion and fuel cell markets. The project includes the Matawinie Mine Project, a world-class graphite deposit and beneficiation plant in Saint-Michel-des-Saints (**"SMDS"**), and the Bécancour Battery Material Plant for secondary transformation of graphite concentrates into high-purity, battery-grade material to supply the lithium-ion industry.

Using a phased approach to help de-risk the project, the Corporation has invested considerably in Phase 1 piloting and demonstration plants for both beneficiation and secondary transformation, while accelerating the engineering of Phase 2 commercial operations, generating process and cost optimization, and supporting commercialization with potential customers.

With ambitious environmental, social and governance (ESG) standards, the Corporation is designing a mine of the future, targeted to be all-electric, complemented by clean advanced beneficiation facilities maximizing energy efficiency in order to provide battery and electric vehicle manufacturers with responsibly extracted, environmentally transformed, and locally sourced green Anode Material.

Project Description, Location, and Access

The Matawinie Mine Project is a graphite deposit and beneficiation plant located in the Province of Québec, in SMDS in the Lanaudière region, Canada. The Matawinie Property (also referred as the "**Mining Property**" in the section) also known as the Tony Block, consisting of 159 contiguous map-designated claims totalling 8,266.42 hectares (**"ha"**).

The Matawinie Mine Project is centred approximately 120 kilometers (**"km"**), as the crow flies, north of the city of Montréal, in Québec, Canada, at latitude 46.63º and longitude -73.96º using the WGS 1984 geographic coordinate system and easting: 579,570, northing: 5,164,630 using the Universal Traverse Mercator (**"UTM"**), NAD83 Zone 18 projected coordinate system. The centre of the Mining Property is located approximately 6 km to the southwest of the community of SMDS and overlaps the National Topographic System (**"NTS"**) map sheets 31J/09 and 31I/12. The Matawinie Mine Project includes the projected mining infrastructure and a planned open pit, which lies within the municipality of SMDS.

All mineralized zones located on the Mining Property, including the mining project footprint, are within 4 km, as the crow flies, from the centre of the Mining Property and 11 km to 18 km driving distance from the community of SMDS using the current road system. SMDS itself is accessible from Montreal using the Province of Québec's paved Route 131, the trip represents approximately 160 km.

A forestry Class 1 gravel road, measuring 8 km in length and connecting road 131, part of Québec's Ministry of Transportation's Road infrastructure to the Corporation's industrial mining site, was constructed in 2021. This road crosses private lots on a length of about 1.1 km, for which an agreement was entered into with the landowner in connection with the establishment of a right-of-way in favour of the Corporation.

As for the Phase 2 Bécancour Battery Material Plant, it is located on lot 17 in the Bécancour Industrial Park, which is easily accessed by provincial highways and roads. The Corporation's 200,000 square meter (**"m²"**) L-shaped property presents no environmental limitations for construction. The property is bordered to the north by a rail line and the Trans-Canada pipeline. Road access to the property is from the west side via Avenue G.A. Boulet. Approximately half of the Corporation property, areas to the south and east of the proposed plant will not be developed and will be reserved for future expansion or for use as construction lay-down areas.

All 159 claims composing the Mining Property are entirely owned by the Corporation. The present expiry dates of claims forming the property span from June 5, 2023, to August 11, 2025. A renewal fee of $10,428.75 is required to renew all claims which form the Tony Claim Block for an additional two years following their present expiry date.

Of the 159 claims forming the Mining Property, eight are suspended awaiting partial conversion to a mining lease. This requested lease covers an irregular buffer area approximately 70 meters wider than the proposed Life of Mine (**"LOM"**) open pit area presented in this report. In addition, an industrial land lease (lease # 394-18-914) covering an area of 20.2 ha, needed for the placement of the concentrator and related infrastructure, as well as a mine tailings land lease (lease # 278-17-914) covering 310.0 ha, has been obtained from the *Ministère de l'Énergie et Ressources Naturelles* (**"MERN"**). The industrial, tailings and mine leases need to be renewed separately and yearly.

On February 11, 2022, the partial lifting of a claim staking ban located on both sides of the restricted area centered over the *Hydro-Québec* powerlines, prompted the automatic expansion of bordering partial claims composing the Mining Property. The expansion of claims, as well as the liberation of parcels of claims by the lifting of restrictions, and their subsequent staking by the Corporation, added known graphitic mineralization to the Mining Property. This resulted in a recent request for the expansion of the proposed Mining Lease to capture known mineral resources that are now within the limits of the

Mining Property. This request, which is pending approval by the MERN, adequately covers the LOM footprint presented in this report.

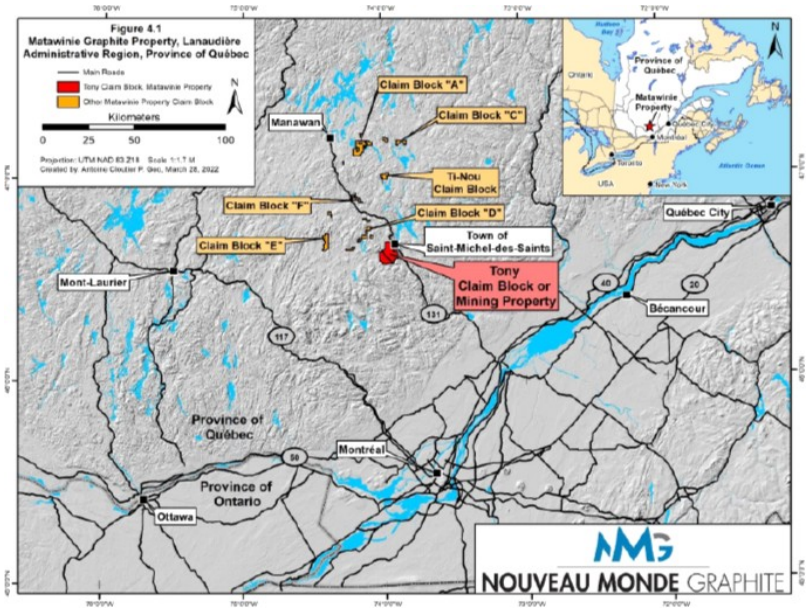


Figure 4.1: Claim Map of the Matawinie Mine Project

Royalties and Other Agreements

Pursuant to a settlement agreement dated September 20, 2021, the Corporation has repurchased the portion held by 3457265 Canada Inc. of the net smelter return royalty (**"NSR"**) provided for an option agreement concerning the Matawinie Property dated February 28, 2014, as amended in January 2016. Under this same agreement, the Corporation has not yet repurchased the 0.2% NSR from M. Eric Desaulniers, which can be fully bought back by the Corporation at any time for the sum of $200,000.

The Matawinie Mine Project is subject to a 3.0% NSR with Pallinghurst International, which is subject to a 1% buy-back right in favour of the Corporation for an amount equal to $1,306,036, plus accrued interests at a rate of 9% per year from and after August 28, 2020, and up to the buy-back date.

The Corporation granted a hypothec to Pallinghurst Graphite over substantially all of the Corporation's assets, including the mineral claims forming the Mining Property, to secure the Corporation's obligations under a secured convertible bond in the principal amount of $15 million (the **"Bond"**). The obligations secured by the hypothec were extinguished with the conversion of the Bond in October 2021. The Corporation obtained a total discharge of the hypothec granted to Pallinghurst Graphite securing the Bond. Previously, in December 2020, the Corporation and Pallinghurst Graphite entered into an assignment and assumption agreement (the "**Assignment and Assumption Agreement")** pursuant to which, and subject to the terms of the Assignment and Assumption Agreement, the rights and obligations of Pallinghurst Graphite under the Bond had been assigned to Pallinghurst International.

As provided for in the royalty agreement with Pallinghurst International, the Corporation granted a new hypothec to Pallinghurst International on the Mining Property to secure the Corporation's NSR obligations.

The Corporation also has a collaboration and benefit-sharing agreement with the Municipality, the Saint-Michel-des-Saints Collaboration Agreement**.** The corporation will pay to the Municipality the following amounts:

- the greater of (i) 0.4% of the estimated net cash flow after taxes for the duration of the operation of the Matawinie Mine Project representing $400,000 annually or (ii) 2% of the net cash-flow after taxes resulting from the operation of the Matawinie Mine Project during a calendar year;
- between the date of the Saint-Michel-des-Saints Collaboration Agreement and the first calendar year of commercial production, an aggregate annual amount of $400,000. This lump sum is an advance payment and will be deducted from the variable participation payments set out above in (ii) payable during commercial production; and
- as of the second calendar year of commercial production and for each subsequent calendar year of operation of the Matawinie Mine Project, 1% of the net cash flow after taxes resulting from the operation of the Matawinie Mine Project during the preceding calendar year shall be injected into a fund to be established by the Corporation to help stimulate development projects for the communities of the Upper Matawinie region.

Risk Factors, Permits and Environmental Liabilities

As of the date of this Annual Information Form, there is no known significant factors or risks that may affect access, title, the right or ability to perform work on the Matawinie Mine Project. The Corporation is currently evaluating its options to have an access to the public road near the Matawinie Graphite Property. See "Risk Factors – Risk of New Mining Operations" for more information.

There are no liabilities, in connection with any environmental activity relating to or affecting the Corporation its subsidiaries or their properties, assets or operations, and there are no liabilities (whether contingent or otherwise) relating to the restoration or rehabilitation of land, water or any other part of the environment, in each case, which would have a material adverse effect on the Mining Property.

The Mining Property's main mineralized zones are located on public crown land. The Matawinie Mine Project footprint has no accessibility restrictions known to the Corporation.

None of the infrastructure of the proposed Matawinie Mine Project is located on private or leased land other than those belonging to the Corporation or one of its subsidiaries, except for a portion of the main access road for which an agreement was entered into with the landowner in connection with the establishment of a right-of-way in favour of the Corporation.

All governmental permits as well as all authorizations from the Municipality pertaining to exploration, geotechnical and hydrogeological exploration and characterization work to the date of the 2022 Technical Report have been obtained.

The ministerial decree authorizing the Matawinie Mine Project (Decree #47-2021) was granted by the *Ministère de l'Environnement et de la Lutte contre les changements climatiques* (the **"MELCC"**) on January 20, 2021. The Decree covers a commercial production level of 100,000 tonnes per year (**"tpy"**) of graphite concentrate, which will be used in part

for the Corporation's value-added anode strategy – supplying material for the electrical vehicle and renewable energy storage industries.

Project Phase	SMDS Certificate of Conformity	MFFP Permits	MERN Permits	MELCC Permits
Exploration Matawinie Mine	16	19	2	-
Phase 1 Matawinie Mine	5	4	7	10
Phase 1 Bécancour Battery Material Plant	1	-	-	2

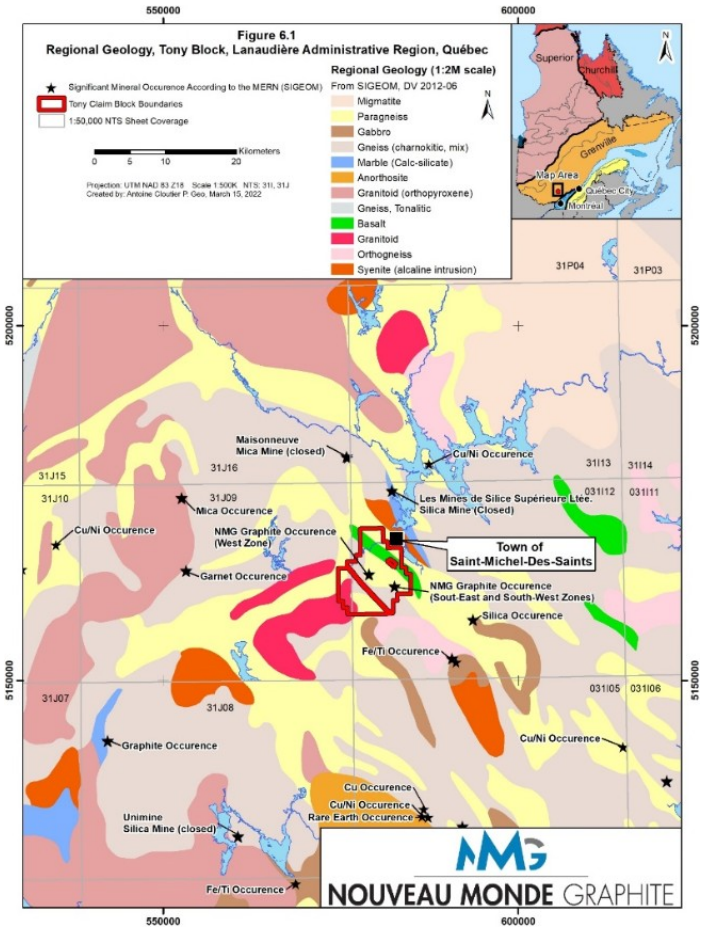
Table 4-2: Permits and Authorizations Acquired for Exploration Work, Various Characterization Works and the Demonstration Plants

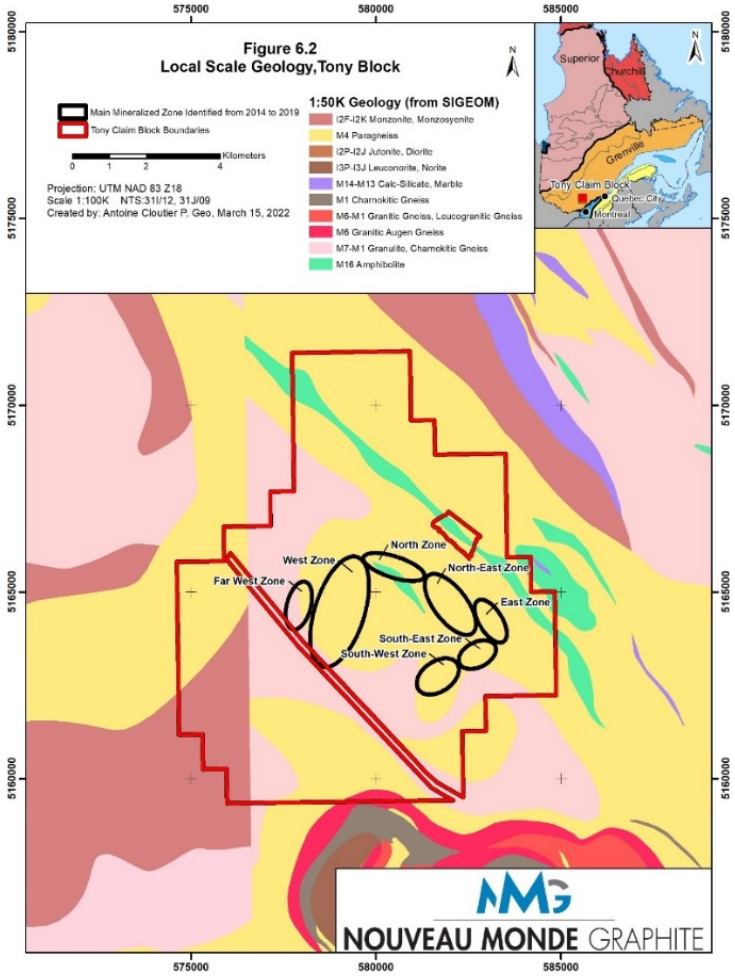
For more details regarding the project description, location, and access, refer to chapters 4 and 5 of the 2022 Technical Report.

History

The Tony Block is located in an area that has mostly been ignored in terms of its mineral potential. No mention of work in the Tony Block by other mineral exploration companies has been found in the literature. At a more regional scale, the *Système d'information géominière du Québec* (**"SIGEOM"**) mineral occurrence database indicates a few mineralized showings in the general area, including an old mica mine and closed quartz (silica) quarries (Figure 6.1). The MERN and

the Geological Survey of Canada (“**GSC**”) completed geological mapping in the area in the 1960s (Figure 6.2). The provincial government also carried out a recent lake bottom sediment sampling campaign.





For more details regarding the history, refer to chapter 6 of the 2022 Technical Report.

Geological Setting, Mineralization, and Deposit Types

The Mining Property lies in the southwestern portion of the Grenville geological province, and more specifically in the Morin Terrane. The area is host to a variety of rock types, mainly composed of deformed metamorphosed sediments, including paragneiss and calc-silicates. Granitic and pegmatitic intrusions are also present and are observed locally on the Mining Property. The graphite mineralization identified in the Matawinie Mine Project is hosted in paragneiss horizons and appears as disseminated graphite flakes.

The majority of the lithologies present on the Tony Block are the typical metasedimentary rocks, which were assigned to being part of the “Grenville Series” of Logan (1863). The term Grenville Series was redefined as the “Grenville Supergroup” by Wynne-Edwards (1972). The principal lithologies diagnostic of the Grenville Supergroup are; aluminous paragneisses (garnet, sillimanite, biotite, graphite), marble (crystalline limestone), quartzite, amphibolite, and related rocks. All these

lithologies occupy a large area in Québec, Ontario, and northern New York State, which is referred to as the Central Metasedimentary Belt; Mont-Laurier Basin; Monocyclic Belt, etc. Thus, the Tony Block lies within this Central Metasedimentary Belt (CMB).

A simplified 3D geological model of the West mineralized Zone was created by SGS Geological Services Inc. (Blainville, Québec) using the exploration drill core logs. The model is composed of five main lithologies, some of which are themselves composed of sub-lithologies. To create this geological model, lithologies traced over multiple sections and displaying thicknesses of at least 5 m were used. The main lithologies are as follows: Graphitic Paragneiss; Mixed Paragneiss; Charnockite; Biotite Paragneiss; and Metagabbro. A three-dimension representation of the geological model, including the Mineral Reserve pit shell is illustrated in Figure 7-6 and estimated tonnage in the Mineral Reserve pit shells per main lithology is available in Table 7-1.

Table 7-1: Main lithological units within the Mineral Reserve pit shell

Simplified Lithologies	Density	Volume (Mm^3) (1)	Tonnes (Mt) (1)
Graphitic Paragneiss (mostly ore)	2.76	22.3	61.5
Mixed Paragneiss	2.85	15.1	43.2
Charnockite	2.67	2.9	7.7
Biotite-Rich Paragneiss	2.75	2.0	5.5
Meta-Gabbro	2.99	0.0	0.1
Overburden	2.10	7.4	15.5

(1) Volume and tonnage within the Mineral Reserve pit shell.

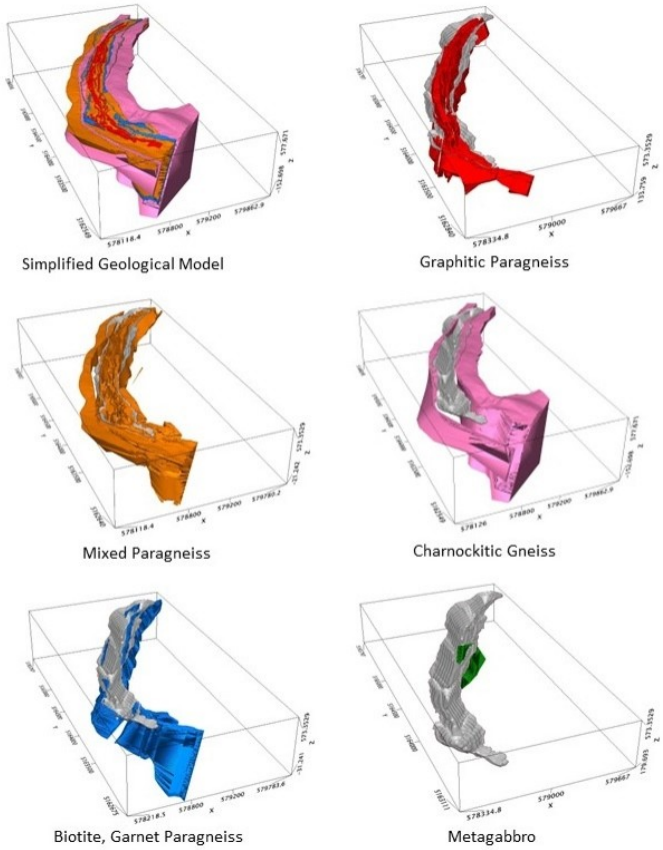


Figure 7-6: Simplified geological model of the West Zone and proposed open pit

Crystalline flake graphite mineralization has been the focus of exploration by the Corporation on its Mining Property. No other type of mineralization with economic potential has been observed.

For more details regarding the geological setting, mineralization, and deposit types, refer to chapters 7 and 8 of the 2022 Technical Report.

Exploration

Exploration work on the Mining Property was initiated in late 2013, when a detailed airborne geophysical survey was performed in the area. The 2013 survey was executed following positive results from a regional survey by 3457265 Canada Inc., pursuant to the instructions provided by the Corporation's technical staff, covering over 2,100 square kilometres (**"km2"**) (confidential internal documents).

The Corporation's field exploration programs on the Matawinie Mine Project focused on graphite exploration consisting of:

- airborne Time Domain Electromagnetic (**"TDEM"**) surveys (2013 and 2015);

- ground prospecting of conductive targets identified by the airborne surveys (2014-2015);
- ground geophysical surveying using a portable TDEM system (2014-2019);
- trenching and channel sampling of the main conductors (2014-2016);
- drilling of the main mineralized zones (2015- 2021);
- metallurgical testing of surface and drill core samples.

An overview of the significant 2013 to 2021 exploration results are summarized in Figure 9-1 except for the metallurgical test results.

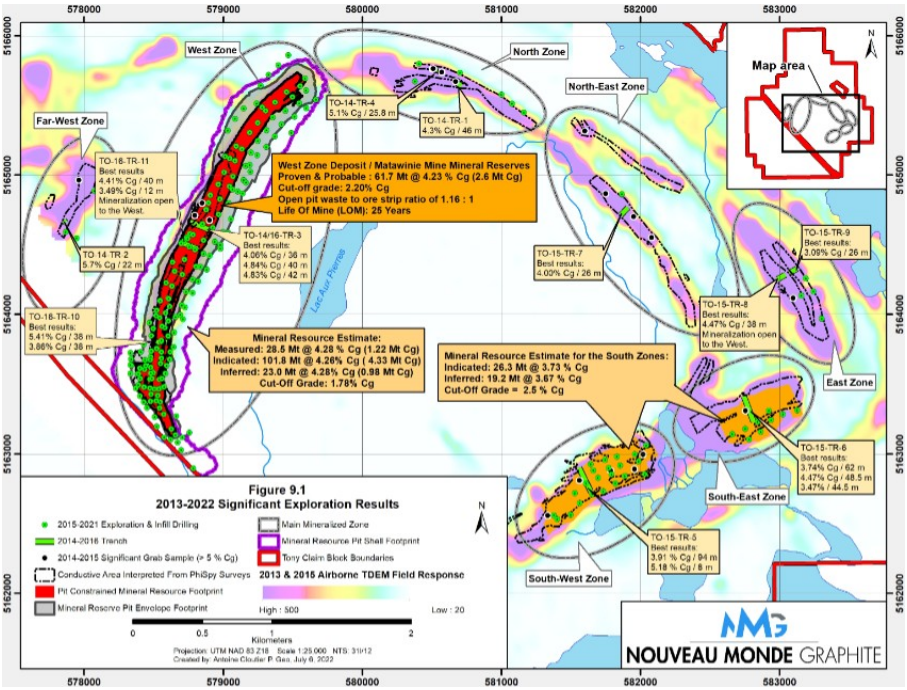


Figure 9-1: Significant 2013-2022 exploration results

From 2014 to 2019, ground PhiSpy TDEM surveys totalling 183 line kilometres using 100 m line spacing in the targeted areas and 25 m line spacing over the more promising southeast, southwest and west zones, was performed. The PhiSpy survey results provided a detailed outline of the conductive areas and thus possible mineralized zones, which were used as a basis for planning the trenching and drilling programs.

Trenching on the Matawinie Mine Project from 2014 to 2016 confirmed the extent of the graphite mineralization on the Mining Property. The trenching work targeted wide conductors on each of the main conductive zones outlined by the 2015-2016 ground PhiSpy surveys. A total of 511 channel samples were collected from the Tony Block. The results from trenches TO-14/16-TR-03, TO-16-TR-10 and TO-16-TR-11 (207 samples) were used in the mineral resource estimate for the west Zone Deposit (**"West Zone"**).

For more details regarding the exploration, refer to Chapter 9 of the 2022 Technical Report.

Drilling

Exploration drilling on the Mining Property targeted wide conductors on each of the main conductive areas outlined by the 2014 to 2019 ground PhiSpy surveys. A total of 196 sampled exploration holes were drilled in the Matawinie Mine Project totalling 33,016.70 Metres (**"m"**). This includes 149 sampled holes totalling 26,203.74 m drilled in the West Zone deposit. The exploration drill holes mentioned above do not include 24 holes drilled for the pit slope geotechnical studies and 89 vertical holes for other purposes such as overburden thickness surveys, environmental monitoring, and hydrogeological modelling in the West Zone deposit area.

Mineralization was intercepted 476 times by drilling in the West Zone resulting in the interpretation of a mineralized envelope of about 100 m to 150 m thick from which 23 graphitic horizons, or volumes (17 groups of mineralized intervals), were interpreted. These horizons can be followed, sometimes sporadically, over 3 km. An additional feature of the West Zone is that some of the horizons separate and coalesce to form wider mineralized volumes. The longest intersection along drill cores returned a graphite content of 4.76% Graphitic Carbon (**"C(g)"**) over 109.9 m although this intersection is considered as being down dip. Mineralization is open to the north, to the south and at depths greater than 200 m from the surface.

The drilling in the southeast zone of the south deposit consisted of nine holes for a total of 1,551.99 m drilled. Mineralization was intercepted 13 times by drilling resulting in the interpretation that the southeast zone is composed of two main mineralized horizons (S1 and S2). The highlight of the southeast zone is the large width of the mineralized horizons. From section S2600 to section S2900 (300 m length), the mineralized horizon ranges from 117 m to 160 m true width, with grades varying from 3.19% to 3.62% C(g).

The drilling in the southwest zone of the south deposit consisted of 22 holes for a total of 2,616.6 m drilled. Mineralization was intercepted 57 times by drilling resulting in the interpretation that the southwest zone is composed of two main mineralized horizons (S1 and S2). The highlight of southwest zone is a first graphitic horizon (S1) about 30 m thick, followed by a mostly barren interval between 25 m and 63 m thick, and finally, a second graphitic horizon (S2) around 40 m to 50 m thick, with both graphitic horizons varying from 2.79% to 5.29% C(g).

A total of 16 other exploration holes totalling 2,644.37 m was drilled in other mineralized zones on the Mining Property. Although most of these holes intercepted graphite mineralization, the potential for the presence of an economic deposit was lower than that for the west, south, east and southwest zones, due to thinner mineralized intercepts and/or lower graphite grades.

Drill core Quality Control and Quality Assurance (**"QA/QC"**) samples, including blanks, duplicates and graphite standards, were included in the drill core sample stream. Out of the 11,736 drill core samples from the Tony Block sent for graphic carbon C(g) analysis, 1,225 were sent as quality control samples, including 907 QA/QC samples from the 9,181 West Zone core samples. Quality control sample results retuned within acceptable limits. No bias was introduced in the sampling procedures.

The following table (Table 10-1) lists sampled exploration and definition drill hole information per mineralized zone.

Table 10-1: Tony Block Exploration Drilling Summary

Mineralized Zone	Total Sampled Drill Holes	Metres Drilled	Number of Samples and Type of Analysis (2)						
			C-IR18	C-IR07	S-IR08	ME-MS41	AU-AA23	OA-GRA08	OA-GRA08b
West (1)	149	26,203.74	8,274	6,876	7,146	828	23	1870	97
Far-West	4	880.4	247	246	246	15	0	45	0
South-West	22	2,616.60	938	15	205	15	15	0	28
South-East	9	1,551.99	598	8	106	7	8	0	28
East	4	641.70	209	3	49	3	3	0	0
Northeast	2	210.28	34	1	9	1	1	0	7
North	6	911.99	212	6	33	6	6	0	0
Total	**196**	**33,016.70**	**10,512**	**7,155**	**7,794**	**875**	**56**	**1,915**	**160**

Notes:

(1) The West Zone is the main subject of the 2022 Technical Report as it contains the only mineral reserves identified at the 2022 Technical Report effective date on the Mining Property.

(2) All analyses were performed by ALS Minerals Laboratories. See below for a description of each type of analytical packageQA/QC samples not included.

- C-IR18 [C(g) by LECO®].
- S-IR08 (Sulphur or “S” by LECO®).
- ME-MS41 (Multi-Element analysis of 51 elements by Aqua Regia extraction followed by Mass Spectroscopy).
- AU-AA23 (Gold “Au” analysis by fire assay followed by atomic absorption).
- OA-GRA08 (specific gravity by measuring the weight of a core sample in air and in water).
- OA-GRA08b (specific gravity by measuring the weight of a displaced solvent by adding 3 g of a powdered sample).

For more details regarding the drilling, refer to chapter 10 of the 2022 Technical Report.

Sampling, Analysis, and Data Verification

The drill program geologists, Mr. Yvan Bussières (2015) and Mr. Bernard-Olivier Martel (2015 to 2021) determined the sample intervals and supervised the core sampling operations. These were all performed in a secure storage facility located at 480 Rue des Aulnaies in SMDS until 2019 when the core logging and splitting operations moved to 600 Rue de la Forex in SMDS, at the Corporation’s demonstration plant facilities. The main purpose of the core sampling is to determine the grade of the graphitic horizons which is used to determine the graphite resources and reserves.

Samples were sent to the ALS Minerals laboratories (**“ALS”**) facilities located in Val-d’Or, Québec, for crushing and pulverizing. The resulting pulps were sent to the ALS facilities in North Vancouver, British Columbia, for analysis. Blanks, standards and duplicate samples were added to the sample stream by the Corporation as part of quality control procedures. Some duplicate samples were also sent to Actlabs in Ancaster (Ontario) to validate graphite content results measured by ALS. Mr. Martel is of the opinion that there was no sample bias and that the results are representative of the mineralized zones located on the Tony Claim Block.

Drill core sampling was done as follows:

- drill core samples were selected when the geologist observed above an estimated 1% C(g) content;
- the geologists choose an additional sample before and after the graphitic interval. These samples confirm the limits of the graphitic horizon, which help to connect the graphitic horizons between holes during the construction of the resource model;
- the typical sample length used for the Project is 2 m, however, sample length was adjusted to the lithological contact or when graphite content varies greatly (samples were no longer than 3.95 m and no smaller than 0.1 m during the 2015 to 2019 drilling programs);
- the geologist marked the beginning and end of each sample on the core using a wax pencil;
- the geologist added two water-resistant tags bearing the sample number in the core box. One tag was placed in the sample bag once the core splitting was completed, and the other was stapled in the core box at the end of each sample run; and
- the drill core sample was split into two core quarters and one core half by a technician using a water-cooled rock saw equipped with a diamond blade. One of the quarter cores was bagged and sent for analysis and the remaining quarter, as well as the remaining half, was kept as reference and for possible metallurgical testing.

Sample Preparation and Analysis

Samples were sent to ALS At the ALS facilities in Val-d'Or, Québec, samples were entirely crushed to less than 2 millimetres (**"mm"**), and a 250 g representative portion of the sample was crushed to less than 75 microns. The resulting pulps were sent for analysis to the ALS facilities in Vancouver, British Columbia.

ALS's Val-d'Or and Vancouver geochemistry laboratories conform with requirements of CAN-P-1579, CAN-P-4E (ISO/IEC 17025:2005) and as such, are regularly audited by the Standard Council of Canada.

All of the 2015 to 2019 drill core samples underwent C(g) analysis by LECO® analyzer using ALS's C-IR18 package.

In 2015, approximately one sample per drill section was also analyzed using ALS's C-IR07, ME-MS41 and Au-AA23 packages and one in every five samples was analyzed using the S-IR08 package.

From 2016, all samples underwent ALS's C-IR18, C-IR07 and S-IR08 analysis packages. ALS's multielement analysis package ME-MS41 was performed at every 10 m in mineralized intervals with a minimum of one sample. This type of analysis was also performed at each major lithological change along each drill hole.

The C-IR18 package consists of digesting 1 gram (**"g"**) of prepared sample in acid followed by a roasting phase and then by burning in a combustion furnace. The purpose of this method is to remove the carbon associated with carbonate minerals, like calcite, by acid digestion, followed by roasting to eliminate any organic carbon undigested by the acid, and finally, by burning the remaining carbon in the combustion furnace to measure what is considered as graphitic carbon.

The C-IR07 package determines the Total Carbon content (**"C(t)"**) using a LECO® analyzer. The difference between the C(t) and the C(g) indicates the amount of carbonated mineral(s). The purpose of this method is to measure the total carbon (organic carbon, carbon within carbonate minerals and graphitic carbon) within the sample.

The S-IR08 package determines the total Sulphur Content (**"S%"**) using a LECO® analyzer. The S-IR08 method consists of burning 1 g of prepared sample in a combustion furnace.

The ME-MS41 package determines the content of 51 elements in the sample. This was performed to determine whether graphitic horizons contained any economic grades of other types of metals and/or minerals as well as elements which could

be considered as potential contaminants. To increase the probability of obtaining a greater number of contaminants, the selected sample was generally one visually displaying higher sulphide content. The ME-MS41 method consists of digesting 0.5 g of a prepared sample by Aqua Regia extraction followed by an ICP-MS finish.

The Au-AA23 package determines the gold content. This method consists of taking 30 g of pulverized rock to be treated by the method of lead fusion followed by cupellation and the digestion of the metallic bead in an Aqua Regia solution, followed by an analysis using Inductively Coupled Plasma Mass Spectrometry (**"ICP-AES"**). This type of analysis was only performed in 2015 and no significant Au content was measured.

Due to the nature of the mineralization, the graphite easily creates a greasy substance that attaches itself to the jaws of the crushers as well as the ring and puck of the pulverisers during sample preparation at the laboratory. Furthermore, the graphite dust also sticks to the jaws, ring and puck, and the standard procedure of using compressed air cleaning between samples is sometimes insufficient to properly clean the equipment. To minimize contamination in the laboratory sample preparation process, the Corporation added ALS methods WSH-21 and WSH-22 to the samples shipped after October 2015. These methods consist of cleaning the crushers with barren material (WSH-21) after every sample and cleaning the pulverisers with barren material (WSH-22) after every sample. Only method WSH-22 was used for the 2018 and 2019 samples.

Data Verification

The Qualified Person ("**QP**") of chapter 12. Data Verification of the 2022 Technical Report, Mr. Yann Camus P.Eng., Mineral Resource Estimation Engineer for SGS Geological Services, performed verifications for the Corporation's 2017 NI 43-101 Technical Pre-Feasibility Study Report for the Matawinie Graphite Project dated December 8, 2017, additional verifications in 2018 for an updated Pre-Feasibility Study (Updated resources announced in the June 27, 2018, press release: "Nouveau Monde Increases Its Indicated Resources to 95.8 million tonnes (**"Mt"**) at a Grade of 4.28% C(g) for Its West Zone Graphite Deposit – Matawinie Property") as well as the 2018 NI 43-101 Technical Feasibility Study Report for the Matawinie Graphite Project (the "**2018 Feasibility Study**"), dated December 6, 2018, and the 2020 Resource Update (Updated resources announced in the March 19, 2020, press release: "Nouveau Monde Announces Updated Resource Estimate and Increases Combined Measured & Indicated Resources by 25% to 120.3 Mt @ 4.26% C(g)"). Some verification was also performed for the 2022 Feasibility Study. The following actions were taken to ascertain that the database supporting the estimation of resources is sound and reliable:

- site visits on August 18, 2021, November 27, 2019, June 21, 2018, and November 9, 2016;
- independent sampling (2016); and
- multiple databases and other document verifications (2016/2018/2021).

SGS Canada Geological Services was hired by the Corporation to update the mineral resources for the Matawinie Mine Project. Mr. Yann Camus, P.Eng. oversaw this mandate for SGS Canada Geological Services.

Standard verification was carried out: extreme values, data going beyond hole depth, check of gaps in the information, search of collar inconsistencies. Only minor details needed some changes, and the data was deemed acceptable for the resource modelling and estimation.

The verification of the Corporation database was satisfactory for the preparation of the resource estimation. The site visit allowed multiple verification. Everything corresponded well to the information provided by the Corporation. All verification from 2016, 2017, 2018, 2019 and 2021 for the drill holes confirmed the database information. The standard database verification performed by the QP indicates a sound database, reliable for the estimation of resources.

For more details regarding the sampling, analysis, and data verification, refer to chapters 11 and 12 of the 2022 Technical Report.

Mineral Processing and Metallurgical Testing

The mineral processing and metallurgical testing programs are separated in two groups. The first group is related to the process development for the Matawinie beneficiation plant at the mine site, and the second group is related to the development of the process for the Bécancour Battery Material Plant project.

Phase 2 Matawinie Mine Project (Mineral Processing Plant)

Between 2013 and 2021, multiple metallurgical process development and optimization programs have been carried out on samples from the Matawinie graphite mineralization. The initial programs focused on the development of a flow sheet that maximizes concentrate grades and recovery, while minimizing flake degradation. The flow sheet that was developed for the PEA was optimized and validated during the pre-feasibility study ("**PFS**") and feasibility study ("**FS**") studies. All components incorporated in the Matawinie Mine Project process are mature technologies that have been demonstrated in many concentrators over the past several decades. The proposed flowsheet and conditions proved robust to produce a concentrate grade of 97% C(t) at a total carbon recovery of 93%. The graphite tailings are subjected to a desulphurization stage that separates most sulphides from the balance of the flotation tailings to produce two separate tailings products, namely one high-sulphur low mass and one low-sulphur high mass.

The Corporation constructed a flotation demonstration plant in 2018 to help de-risking the process and to produce larger quantities of flotation concentrate for customer evaluation and downstream value-add process development. Some of the unit process operations that were optimized in the demonstration plant to de-risk the process included the specific flotation technology for the commercial plant (tank cells and flash flotation), the cleaner circuit grinding equipment (polishing and stirred media mills), and the configuration of the desulphurization circuit.

Multiple programs were completed with equipment vendors and independent labs after completion of the Feasibility Study to support equipment selection during detailed engineering. These programs included a validation program for the comminution circuit, solid-liquid separation programs for tailings and concentrate streams, drying tests, and wet classification of intermediate concentrates. Further, supplemental tests were carried out to assist in the design of product handling systems.

Preliminary Economical Assessment

The metallurgical programs started with initial scoping level flotation tests on grab and trench samples and culminated in a scoping level flow sheet development program that supported the PEA. The process flow sheet that was developed during this phase of testing is depicted in Figure 13-1 below.

The robustness of the flow sheet was confirmed in a small variability flotation program that tested seven different composites from the west and south zones. The concentrate grades ranged between 94.4% C (t) and 99.5% C (t) with open circuit total carbon recoveries of 81.5% to 88.5%. No closed-circuit flotation tests were carried out as part of the initial flow sheet development program.

The reagent regime comprised of frother Methyl Isobutyl Carbinol (**"MIBC"**), collector diesel, pH modifier lime, sulphide activator Copper Sulphate (**"$CuSO_4$"**), and sulphide collector Potassium Amyl Xanthate (**"PAX"**).

Two bulk concentrate production pilot plant campaigns on 12 tonnes and 50 tonnes of mineralized south zone and West Zone material, respectively, demonstrated the scalability of the proposed process flow sheet and conditions.

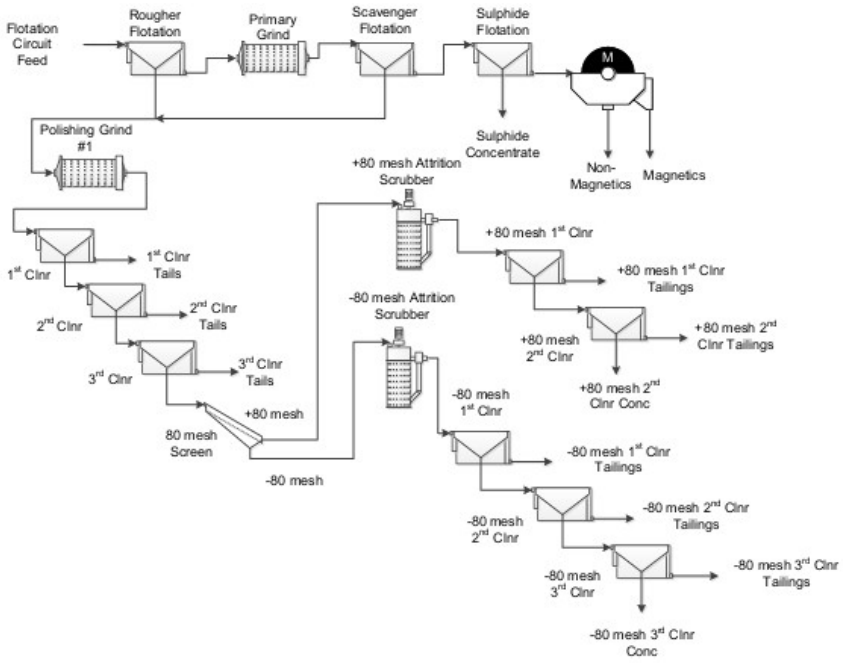


Figure 13-1: Scoping Level Matawinie Process Flow Sheet

The open circuit test results were analyzed and compared with similar projects that published both open and closed-circuit flotation Locked Cycle Test (**"LCT"**) test data. The overall graphite recovery was projected at 89.5% at a combined concentrate grade of 97.3% C(t).

The results of the size fraction analysis of the graphite flotation concentrate are presented in Table 13-1. These metallurgical results were used in the PEA that was completed in 2016 prior to the start of the flow sheet optimization program in 2017.

Product	Mass (%)	Grade (%) C(t)
+48 mesh	16.1	97.5
+65 mesh	19.8	97.7
+80 mesh	10.0	97.4
+100 mesh	11.1	97.4
+150 mesh	18.8	96.4
+200 mesh	9.8	96.1
+325 mesh	7.6	96.4
+400 mesh	2.1	97.1
-400 mesh	4.6	98.5
Total	**100.0**	**97.3**

Table 13-1: Mass and Grade Distribution of Concentrate of Scoping Level Flow Sheet Development Program

Pre-Feasibility Studies

The flowsheet optimization program included a sequential development of the rougher, primary cleaning, and secondary cleaning circuits. This development strategy is paramount to ensure that each unit operation is near optimized before proceeding with the next processing step.

The PEA flowsheet was confirmed in the flowsheet optimization program and modifications included primarily adjustments to the grinding conditions, reagent dosages, cleaner flotation stages, and flotation times. The optimized flowsheet produced combined concentrate grades of over 98% C(t).

While the original objective of developing a flowsheet and conditions to maximize final concentrate grades remained in effect until the end of the development program, a lower-grade target of 94% C(t) was established at the start of the program. This lower grade was achieved with a primary cleaning circuit only.

Towards the end of the program, the Corporation adjusted this grade target to 95% C(t), which necessitated the addition of a secondary cleaning circuit for the fines.

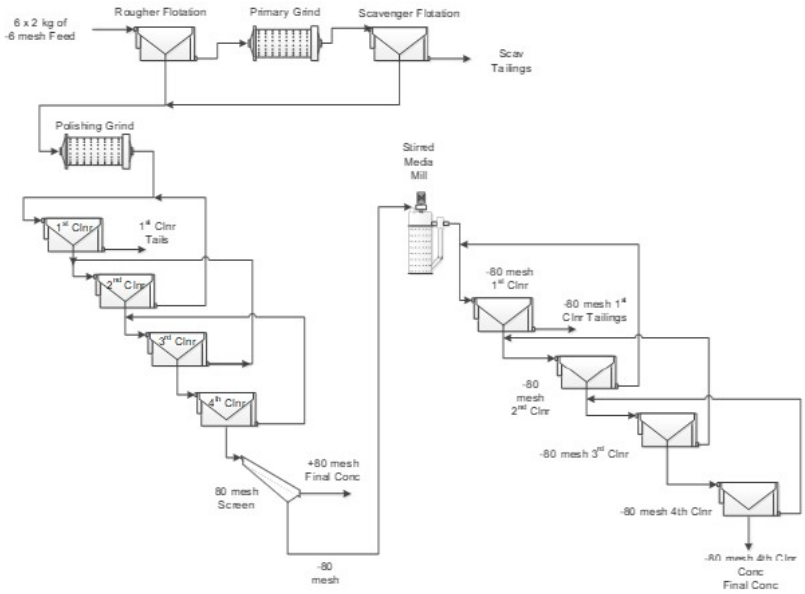


Figure 13-2: Matawinie PFS Process Flow Sheet

An LCT was carried out on the West Zone Master composite using the PFS flow sheet and proposed conditions. The results of the mass balance and size fraction analysis are presented in Table 13-4 and Table 13-5, respectively.

The combined concentrate graded 97.0% C(t) at a graphite recovery of 97.4%. A total of 16.5% of the concentrate mass reported to the +48 mesh size fraction and another 31.6% to the -48/+80 mesh product. The -100 size fractions contained 40.2% of the concentrate mass. All size fractions graded 96.2% C(t) or higher.

Table 13-4: Mass Balance of LCT

Sample ID	Weight in %	C(g) in %	C(t) Distribution in %
Combined Conc.	4.44	97.0	97.4
-80 mesh 1st Clnr Tails	0.09	16.1	0.3
1st Clnr Tails	3.64	1.02	0.8
Scavenger Tails	91.8	0.07	1.4
Head (calculated)	100.0	4.42	100.0

Table 13-5: Size Fraction Analysis of LCT Combined Concentrate

Size Fraction	Weight in %	C(t) in %	C(t) Distribution in %
+32 mesh	1.6	96.5	1.6
+48 mesh	14.9	97.2	14.9
+65 mesh	20.4	97.1	20.4
+80 mesh	11.2	96.4	11.1
+100 mesh	11.6	96.9	11.6
+150 mesh	15.2	98.2	15.3
+200 mesh	9.1	98.1	9.2
+325 mesh	7.2	97.6	7.2
+400 mesh	3.0	97.3	3.0
-400 mesh	5.8	96.2	5.7
Combined Conc	**100.0**	**97.3**	**100.0**

Desulphurization tests were completed to evaluate the impact of different sulphide activator and collector dosages on the sulphide grade of the low-sulphide tailings stream. The magnetic separation stage recovered between 8.2% and 19.3% of the sulphides. The higher recoveries coincide with the tests that produced the lower sulphur recovery into the flotation concentrate.

One flotation test was performed on each of the eight variability composites. The tests were conducted as open-circuit tests, with only a primary cleaning circuit. The average concentrate grade and total carbon recovery of the eight tests were 96.2% and 94.5% C(t), respectively. The concentrate grades ranged between 95.1% and 97.6% C(t) and carbon recoveries fell within a narrow range of 3.6%, from 92.4% to 96.0%.

In conclusion, the flow sheet optimization program to support the PFS built upon the results of the PEA metallurgical program and culminated in an optimized flowsheet and conditions that produced a graphite concentrate grade of 97.0% C(t) and 97.4% carbon recovery. The flow sheet development focused on maximizing graphite concentrate grade and recovery, while minimizing flake degradation. The flowsheet selected for the PFS was a simplified version without the +80 mesh secondary cleaning circuit as a result of a lower concentrate grade target.

Samples of the graphite flotation concentrate, high-sulphur Potentially Acid Generating (**"PAG"**) tailings, and desulphurized Non-Acid Generating (**"NAG"**) tailings were submitted for product characterization tests (solid-liquid separation, self heating, and acid base accounting).

Feasibility Studies

The metallurgical test program that was completed in support of the FS was mostly limited to validation testing and the investigation of specific process opportunities and risks. Only a desulphurization flowsheet optimization was completed during the FS metallurgical test program. Other activities included:

- Completion of a comprehensive comminution program to generate more reliable data for sizing of crushing and grinding equipment;
- Mineralogical examination of samples that represents different areas of the West Zone mineralization to determine mineral composition and association of graphite;

- Locked cycle testing using a mine plan composite to confirm that a master composite that represents the first several years of mining operation provides consistent metallurgical response using the established process flow sheet and conditions;
- Confirmation of the robustness of the flowsheet and conditions with several variability composites that represent specific areas of the Mineral Resource;
- Optimization of the desulphurization circuit to ensure that the low-sulphur tailings stream is non-acid generating;
- Assessment of the impact of circulating process water with residual sulphide collector;
- Simulation of the SkimAir® technology in the primary grinding circuit to determine if a coarser concentrate product can be obtained.
- Several comminution tests were carried out on six Variability Composites (**"VAR"**) and one bulk sample that was retained from a 50 t bulk concentrate production pilot plant campaign. Since the drill core that was available for the VAR samples was not suitable for MacPherson, JK DropWeight, and low-energy impact testing due to its small particle size, the bulk sample from a 50-tonne PP was used instead for these tests (Peters, 2017/2018).

One LCT was carried out using a FS Master composite to confirm the robustness of the flowsheet and conditions that were developed during the PFS metallurgical program using a new mine plan composite. Further, seven variability composites were also subjected to open circuit cleaner flotation testing to confirm the metallurgical response. A secondary objective of the tests was to confirm the average flake size distribution of the final concentrate and the expected variation as a function of the location.

The variability composites represented larger areas to cover the proposed mine plan. Higher variation in the flake size distribution is expected on a smaller scale, which may affect the product basket of the processing plant on a day-by-day basis.

The LCT flow sheet is depicted in Figure 13-3 below. The open circuit cleaner tests employed the identical flow sheet, but without circulation of the intermediate streams.

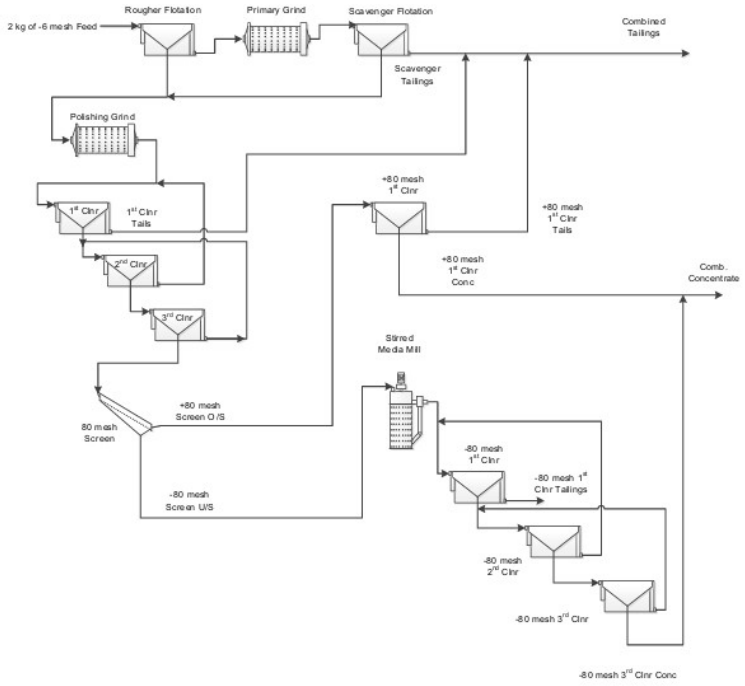


Figure 13-3: FS Locked Cycle Test Flowsheet

The LCT mass balance and results of the size fraction analysis on the final concentrate are presented in Table 13-7 and Table 13-8, respectively. The graphite recovery into the final concentrate was 94.3% at a combined concentrate grade of 97.0% C(t). Based on these results, a 97% C(t) grade and 94% graphite recovery were used for the mass balance of the FS.

A total of 13.5% of the concentrate mass reported to the jumbo flake category of +48 mesh (+300 microns) and 43% into the combined large and jumbo flake categories of +80 mesh (+180 microns).

Table 13-7: Locked Cycle Test Results

Sample ID	Weight (%)	Assays (%) C(t)	Distr. (%) C(t)
Combined Concentrate	4.30	97.0	94.3
+80 mesh 1st Clnr Concentrate	2.20	96.6	48.1
+80 mesh 1st Clnr Tailings	0.01	50.0	0.1
-80 mesh 3rd Clnr Concentrate	2.10	97.4	46.2
-80 mesh 1st Clnr Tailings	0.13	28.3	0.8
1st Clnr Tailings	3.59	1.95	1.6
Scavenger Tailings	92.1	0.15	3.2
Combined Tailings	95.8	0.26	5.7
Head (calc)	100.1	4.42	100.0

Table 13-8: LCT Graphite Concentrate Size Fraction Analysis

Size Fraction	Weight (%)	Assays (%) C(t)	Distribution (%) C(t)
+32 mesh	1.0	97.2	1.0
+48 mesh	12.5	97.6	12.5
+65 mesh	18.1	96.8	18.0
+80 mesh	11.4	96.6	11.3
+100 mesh	13.5	96.9	13.4
+150 mesh	13.5	98.4	13.7
+200 mesh	9.8	98.3	9.9
+325 mesh	9.1	97.8	9.1
+400 mesh	2.8	97.3	2.8
-400 mesh	8.2	97.2	8.2
Final Concentrate (SA)	100.0	97.4	100.0

Phase 2 Bécancour Battery Material Plant

Micronization and Spheronization

The micronization and spheronization (**"M/S"**) sector is divided into two main steps. The first step consists of graphite particle size reduction. The concentrated graphite (**"CG"**) is micronized to break down the coarser flakes to a size that is suitable for the subsequent spheronization step. The second step is the spheronization and can be seen as a shaping process. The main objective is to round the graphite particles to increase the density of the spherical graphite (**"SG"**). The density of the SG is measured in terms of tap density which represents an increased bulk density attained after mechanically tapping a container containing the powder sample. Two SG products will be produced at this spheronization step. The primary SG will be produced directly from the micronized graphite, and it will have a coarser particle size. The main objective of the secondary spheronization batch process is to produce a finer SG product.

In-house large-scale testing and original equipment manufacturer (**"OEM"**) test centres were used to identify the optimum process configuration to obtain spheronized material that responds to the criteria of various potential clients of the battery material industry. In 2019, the Corporation acquired a M/S unit able to process and spheronize 120 kg/h of graphite from an OEM. This equipment was selected based on trials previously performed at the OEM test centre that showed promising results. This unit was installed in SMDS at NMG's Demonstration Value-Added Plant (**"DVAP"**) and was used to perform more than 2,400 tests on the Corporation's graphite to better understand the spheronization process. In 2022, the Corporation also acquired a different 250 kilowatt (**"kW"**) micronizing and shaping unit to increase the capacity of the DVAP installation and confirm the OEM test results on a full-size commercial unit.

Numerous tests were also performed at different OEMs and institutional test centres to evaluate the equipment capability and final product characteristics from 2016 to 2022.

The Corporation also characterizes the properties of the by-products resulting from the spheronization process. Several options have been evaluated to valorize the fines, or alternatively, they can be sold as carbon risers.

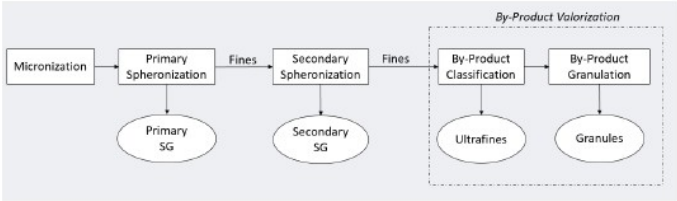


Figure 13-9: M/S Sector Testwork Flow Sheet

Purification

The purification process used by the Corporation to produce battery-grade graphite above 99.95% carbon is called "carbochlorination" where metal oxides are converted into their corresponding metal chlorides in the presence of carbon and chlorine gas. The advantages of this technology include a much lower reaction temperature when compared to the conventional thermal process and the absence of hazardous wastes, such as fluorides, that are generated by the commonly used chemical purification process.

A similar process has been used in the past to produce ultrapure graphite for the nuclear industry but at a non-economical cost for the battery industry. A key improvement of the Corporation's process is the custom-designed hybrid furnace, enabling a higher volume of graphite to be treated per batch and faster turnaround per cycle. The result is an economically sound and environmentally safe operation. The hybrid furnace is a combination of lengthwise graphitization (**"LWG"**) and Acheson furnaces used in the production of synthetic graphite.

Laboratory work conducted at two test centres has demonstrated that the target purity is obtained with carbochlorination, and a demonstration plant has been built inside electrolysis hall #1 at the Olin facility in Bécancour. The project charter and the operating permit is for the production of 250 tpy of purified graphite at 99.95%. However, the demonstration plant has been designed with the goal to demonstrate a capacity of 2,000 tpy and to minimize the scale-up required for a commercial operation.

Pre-operational verification (**"POV"**) began in June 2021 and the transformer-rectifier unit was put into service on July 17, 2021. POV of furnace #1 was done, starting on July 22 and furnace #2 starting on October 28. A total of 20 batches were completed as of June 8, 2022, one every 15 days on average. Final operating and cycle time parameters are not confirmed, and test works will continue during the Second Half of 2022 (**"H2 2022"**) to finalize the commercial scale up criteria and the number of furnaces required in the commercial plant.

Coating

The coating process of the Corporation's spheronized and purified graphite is the last important step in upgrading graphite to qualify the product for optimum economic performance in the anode materials for the lithium ion (**"Li-Ion"**) battery sector. This step consists of the application of a nanometric layer of amorphous carbon on the surface of spheronized and purified graphite (**"SPG"**), to enhance the rate of performance sought by the Li-Ion battery manufacturers.

This coating process is carried out in several stages starting with the micronization of solid carbon precursor which is mixed with the spheronized graphite at a specific dosage. This uniform mixture is then heated in successive stages inside a furnace or in a high temperature reactor for the pyrolysis of the carbon precursor on the surface of the graphite which is then calcined to obtain an amorphous carbon on the surface. Deagglomeration and sieving steps are then carried out to ensure the particle size required by the various customers is obtained.

To establish the selection of the proper technology, precursor type and to prove the coating concept, the Corporation performed different studies and tests in independent laboratories and at suppliers' test facilities. Most technology thereby chosen by the Corporation is being widely used in the industry, further tests were performed to establish the optimal proportions of SPG and precursor and other process parameters.

In the first stage, to determine the required process conditions and type of precursor needed for amorphic carbon coating, multiple laboratory tests were performed at the Canadian National Research Council (**"CNRC"**) based on literature reviews and experience from consulted experts. These trials were then evaluated, with electrochemical tests in half coin cells, to establish the baseline process conditions for the following steps.

The base line conditions were then tested at a pilot scale performed at a suppliers' facility. The material was subsequently evaluated to confirm the results obtained in the laboratory.

This became the baseline for the construction of the Phase 1 Battery Material Plant, a 2,000 tpy coating line in SMDS, that will be used to optimize the process conditions.

For more details regarding the mineral processing and metallurgical testing, refer to Chapter 13 of the Matawinie Mine Technical Report.

Mineral Resource and Mineral Reserve Estimates

Mineral Resource Estimate

The block model used to generate the current resource of the West Zone for this FS has an effective date of May 20, 2022. This resource is based on a total of 173 core drill holes which produced 8,274 samples as well as 207 samples collected from channelling work in three trenches. This does not include the quality control samples that are comprised of 365 duplicates, 364 blanks and 178 standard samples, all of which returned within acceptable limits. In all, 23 mineralized volumes (17 groups of mineralized intervals) encased in paragneiss units were interpreted and modelled from this data.

The current resource block model for the West Zone deposit was prepared by Mr. Yann Camus, P.Eng., of SGS Canada Geological Services located in Blainville, Québec, Canada, using the Genesis© mining software. Interpolation was performed using Inverse Square Distance (**"ID2"**) as well as different search ellipsoids that were adapted to the geology of the deposit. The block model was then processed by GEOVIA's Whittle™ software to provide an optimized pit. The optimized pit containing the current resource was limited to the Matawinie Mine Project boundary to the south of the West

Zone Deposit at the effective date of the resource estimate. The mineral resources of the West Zone, or the Matawinie Mine Project, are presented in the Table 1-1.

Table 1-1: Pit-Constrained Mineral Resource Estimate for the West Zone[1]

Mineral Resource Category[2]	Current Resource (May 20, 2022)[5][6][7]		
	Tonnage (Mt)	Grade [% C(g)][3]	C(g) (Mt)
Measured	28.5	4.28	1.22
Indicated	101.8	4.26	4.33
Measured + Indicated	130.3	4.26	5.55
Inferred[4]	23.0	4.28	0.98

Notes:

(1) The mineral resources provided in this table were estimated by Mr. Yann Camus P.Eng. QP of SGS Geological Services, using current Canadian Institute of Mining, Metallurgy and Petroleum (“**CIM**”) Standards on Mineral Resources and Reserves, Definitions and Guidelines.

(2) Mineral resources that are not mineral reserves have not demonstrated economic viability. Additional trenching and/or drilling will be required to convert Inferred and Indicated mineral resources to Measured Mineral Resources. There is no certainty that any part of a mineral resource will ever be converted into reserves.

(3) All analyses used for the resource estimates were performed by ALS and delivered as % C(g), internal analytical code C-IR18.

(4) Inferred mineral resources represent material that is considered too speculative to be included in economic evaluations. Additional trenching and/or drilling will be required to convert inferred mineral resources to indicated or measured mineral resources. It cannot be assumed that all or any part of the inferred resources will ever be upgraded to a higher resource category.

(5) Current resource still effective July 6, 2022, because no new data is available for the West Zone and no material has been extracted since the mineral resource estimate dated May 20, 2022.

(6) Mineral resources are stated at a cut-off grade of 1.78% C(g).

(7) Standards used for this resource update are the same standards produced over the course of the FS (results published December 10, 2018) and the resource update (results published March 19, 2020). The difference comes mainly from a newly accessible land package along the Hydro-Québec power line.

The 2022 Technical Report also presents resources for the south zones, which are also located on the Tony Claim Block. The south zones are separated into the southeast and southwest zones. The south zones resource details are available in the PEA report: “Preliminary Economic Assessment Report for the Matawinie Graphite Project” by Norda Stelo dated August 5, 2016. Details of the PEA Resources can be found in the report available on the Corporation’s web site and on SEDAR. SGS has audited the PEA resource methodology as well as the overall quantities. These Mineralized zones are considered a lower priority than the West Zone as detailed in the PEA.

The south zones resources have been prepared with similar methodology as the West Zone presented in this report. The Mineral Resources of the south zones are presented in the Table 14-11 below.

Table 14-11: Pit-Constrained Mineral Resource Estimate for the South Zones

Mineral Resource Category [2]	Current Resource (July 6, 2022 [1] [5] [6]		
	Tonnage (Mt)	Grade [% C(g)] [3]	In Situ C(g) Tonnage (Mt)
Indicated	26.3	3.73	0.981
Inferred [4]	19.2	3.67	0.705

Notes:

(1) The mineral resources provided in this table were estimated by Mr. Yvan Bussières, P.Eng. (Québec) and Mr. Antoine Yassa, P.Geo., using current Canadian Institute of Mining, Metallurgy and Petroleum (CIM) Standards on Mineral Resources and Reserves, Definitions and Guidelines.

(2) Mineral resources that are not mineral reserves have not demonstrated economic viability. Additional trenching and/or drilling will be required to convert inferred and indicated mineral resources to measured mineral resources. There is no certainty that any part of a mineral resource will ever be converted into reserves.

(3) All analyses used for the Resource Estimates were performed by ALS and delivered as % C(g), internal analytical code C-IR18.

(4) Inferred mineral resources represent material that is considered too speculative to be included in economic evaluations. Additional trenching and/or drilling will be required to convert inferred mineral resources to indicated or measured mineral resources. It cannot be assumed that all or any part of the inferred resources will ever be upgraded to a higher resource category.

(5) Current Resource still effective July 6, 2022, because no new data is available for the south zones and no material has been extracted since the southeast and southwest Resource Estimate dated December 15, 2015 (Bussières and Yassa, 2016).

(6) Mineral resources are stated at a cut-off grade of 2.5% C(g). This is more conservative than current cut-off grade.

To get an idea of the sensitivity of the resource numbers to changes in economical parameters, the resource table was estimated at various cut-off grades that all correspond to reasonable economic scenarios. All cut-off grades presented meet the “reasonable prospects for eventual economic extraction” criteria. The results are shown in Table 14-12 below.

Table 14-12: Sensitivity of the Pit-Constrained Mineral Resource Estimate for the West Zone(1)

Cut-off Grade [% C(g)]	Mineral Resource Category (2)	Current Resource (May 20, 2022) (4)		
		Tonnage (Mt) (5)(6)	Grade [% C(g)] (3)	C(g) (Mt)
1.00	Measured	28.6	4.27	1.22
	Indicated	102.1	4.25	4.34
	Measured + Indicated	130.7	4.25	5.56
	Inferred (4)	23.0	4.28	0.98
1.25	Measured	28.6	4.27	1.22
	Indicated	102.0	4.25	4.34
	Measured + Indicated	130.6	4.26	5.56
	Inferred (4)	23.0	4.28	0.98
1.50	Measured	28.6	4.27	1.22
	Indicated	101.9	4.25	4.34
	Measured + Indicated	130.5	4.26	5.56
	Inferred (4)	23.0	4.28	0.98
1.75	Measured	28.5	4.28	1.22
	Indicated	101.8	4.26	4.33
	Measured + Indicated	130.3	4.26	5.55
	Inferred (4)	23.0	4.28	0.98
2.00	Measured	28.4	4.28	1.22
	Indicated	101.6	4.26	4.33
	Measured + Indicated	130.0	4.27	5.55
	Inferred (4)	23.0	4.28	0.98
2.20	Measured	28.3	4.29	1.22
	Indicated	101.2	4.27	4.32
	Measured + Indicated	129.5	4.28	5.54
	Inferred (4)	23.0	4.28	0.98

Notes:

(1) The mineral resources provided in this table were estimated using current Canadian Institute of Mining, Metallurgy and Petroleum (CIM) Standards on Mineral Resources and Reserves, Definitions and Guidelines.

(2) Mineral resources that are not mineral reserves have not demonstrated economic viability. Additional trenching and/or drilling will be required to convert inferred and indicated mineral resources to measured mineral resources. There is no certainty that any part of a mineral resource will ever be converted into reserves.

(3) All analyses used for the resource estimates were performed by ALS and delivered as % C(g), internal analytical code C-IR18.

(4) Inferred mineral resources represent material that is considered too speculative to be included in economic evaluations. Additional trenching and/or drilling will be required to convert inferred mineral resources to indicated or measured mineral resources. It cannot be assumed that all or any part of the Inferred Resources will ever be upgraded to a higher resource category.

(5) Current resource effective May 20, 2022.

(6) Standards used for this resource update are the same standards produced over the course of the FS (results published December 10, 2018) and the resource update (results published March 19, 2020). The difference comes mainly from a newly accessible land package along the Hydro-Québec power line.

Mineral Reserve Estimate

The Matawinie Mine Project will be mined using conventional open pit mining methods consisting of drilling, blasting, loading, and hauling. Ore will be hauled to the primary crusher and waste rock and tailings will be placed in a Co-disposal Storage Facility (**"CSF"**). The CSF will initially be located at the surface and as of Year 7, will be placed inside the mined out open pit. The project LOM plan and subsequent mineral reserves are based on a graphite concentrate selling price of 2,135$/t and a 25-year LOM plan. The effective date of the mineral reserve estimate is July 6, 2022.

Development of the LOM plan included pit optimization, pit design, mine scheduling and the application of modifying factors to the measured and indicated mineral resources. The reference point for the mineral reserves is the feed to the primary crusher. The tonnages and grades reported are inclusive of mining dilution, geological losses, and operational mining losses.

The mineral reserves for the Matawinie Mine Project were prepared by Mr. Jeffrey Cassoff, P.Eng., Senior Mining Engineer with BBA Inc.; a QP as defined under National Instrument 43-101.

Table 15-1 below presents the Mineral Reserves that have been estimated for the Matawinie Mine Project, which include 17 Mt of Proven Mineral Reserves at an average grade of 4.16% C(g) and 44.3 Mt of Probable Mineral Reserves at an average grade of 4.26% C(g) for a total of 61.7 Mt of Proven and Probable Mineral Reserves at an average grade of 4.23% C(g). To access these Mineral Reserves, 15.5 Mt of overburden and 56.2 Mt of waste rock must be mined, resulting in a strip ratio of 1.16:1.

Table 15-1: Matawinie Mine Project Mineral Reserves

Category	Tonnes (Mt)	Cg Grade (%)	Contained Graphite (Mt)
Proven	17.3	4.16	0.7
Probable	44.3	4.26	1.9
Proven & Probable	**61.7**	**4.23**	**2.6**

Notes:

(1) The Qualified Person for the Mineral Reserve Estimate is Mr. Jeffrey Cassoff, P.Eng., of BBA.

(2) The effective date of the estimate is July 6, 2022.

(3) Mineral Reserves were estimated using a graphite concentrate selling price of 2,135$/t, and consider a 2% royalty, and selling costs of 47.92$/t. An average grade of 97% was considered for the graphite concentrate.

(4) A metallurgical recovery of 93% was used.

(5) A cut-off grade of 2.20% C(g) was used.

(6) The strip ratio for the open pit is 1.16 to 1.

(7) The Mineral Reserves are inclusive of mining dilution and ore loss.

(8) The reference point for the Mineral Reserves is the primary crusher.

(9) Totals may not add due to rounding.

To the knowledge of the author who prepared chapters 12 and 14 of the 2022 Technical Report, there are no special factors that could affect materially the mineral resource estimate presented in the 2022 Technical Report. More details about general and specific risks are discussed in Chapters 4 and 25 of the 2022 Technical Report. Moreover, for more details regarding the mineral resource and mineral reserve estimates, refer to chapters 14, 15 and 16 of the 2022 Technical Report.

Mining Operations

Mining will be carried out with drilling and blasting on 10 m high benches and loading will be done in two 5 m flitches. The loading fleet will consist of two diesel-powered hydraulic excavators equipped with 5.4 cubic metres ("**m³**") buckets and loading will be done with a fleet of 12, 60-tonne rigid frame mining trucks. A front-end wheel loader will support the excavators with loading and ore blending.

Tailings produced by the concentrator will be segregated into non-acid generating ("**NAG**") and potential-acid generating ("**PAG**"). Both the NAG and PAG will be loaded with a front-end wheel loader into a fleet of five 60-tonne haul trucks that will haul the tailings to the co-disposal storage facility ("**CSF**"). A fleet of CAT D8 dozers and hydraulic excavators will place and compact the tailings and waste rock on the CSF.

The Matawinie Mine Project will operate on two 8-hour shifts, 5 days per week, while the mill will operate 24 hours per day, 365 days per year. A crushed ore bin will be filled before the mine shuts down for the evenings and weekends.

The ultimate pit designed for the project considers 20 m wide haul ramps for double-lane traffic, 13 m wide ramps for single-lane traffic for the lower benches, a maximum ramp grade of 10%, and a minimum mining width of 20 m. SRK Consulting (**"SRK"**) carried out an open pit slope investigation and stability assessment in 2021 to update previous geotechnical work.

The ultimate pit is approximately 3,000 m long and 400 m wide at the surface. The total surface area of the pit is roughly 82 ha. The pit contains five independent ramp systems which are required for pit phasing and the in-pit placement of waste rock and tailings. The deepest part of the pit is at the 345 m elevation, at the north end of the pit, where the total depth of the pit from surface reaches 185 m. The pit avoids a wetland on the southwest corner and at its closest point, is 110 m away from the Hydro-Québec power lines.

To maximize the NPV of the project, mining phases (pushbacks) have been designed and incorporated into the mining sequence to defer waste rock stripping and to provide a blended feed grade that is acceptable for the concentrator over the life of the project.

The deposit will be mined from south to north to ensure adequate space is available for in-pit backfilling of waste rock and tailings once the initial CSF at surface is filled to capacity. The south end of the pit can also be accessed at lower strip ratios than at the north end.

A mine production plan has been prepared using the mine plan schedule optimizer (**"MPSO"**) tool in the Hexagon MinePlan 3D software. The mine plan has been prepared quarterly for the first 2 years of production, annually for the following 11 years, and in 3-year increments thereafter. The mine plan also includes a six-month period of pre-production to prepare the pit for mining operations.

The mine plan aims to produce between 100,000 t and 105,900 t of concentrate per year, and targets the nominal mill throughput capacity of 324 tonnes per hour (**"tph"**), resulting in a maximum mill feed of 2.551 million tonnes per year (**"Mtpy"**) considering an overall mill utilization of 90%.

During the 25-year life of the mining operations, the total material mined from the open pit peaks at 6.2 Mt in Year 3 and averages 5.6 Mtpy for the first 22 years. The average diluted C(g) grade ranges from 4.00% to 4.40% for the first 22 years, and averages 4.88% in the final three years. The mine plan is successful at achieving the targeted concentrate production, with a low of 101,000 t in Year 12 and a peak of 105,900 t in years 8 and 10. The average concentrate production over the life of mine averages 103,328 tpy.

Although the previous Technical Report presented a project with a fleet of battery-powered haul trucks, this current study is based on a fleet of diesel-powered machines. The battery powered operating strategy is still envisaged by the Corporation

but since the technology is currently in the development phase, it has been decided to present a base case with a diesel operated fleet. Electrical trucks and equipment will be introduced into the mining fleet as they become available.

The Corporation has signed a memorandum of understanding with Caterpillar who will supply the equipment using their job site solution service model. With this model, the Corporation will pay for machine use on an hourly basis which includes; machine supply and maintenance (parts and service), and a fleet management system. The Corporation will be responsible for the fuel consumption, machine operator, wear parts, and to supply the mine garage.

The mine workforce which includes the tailings operations team, will peak at 73 employees when the mine is in full production.

For more details regarding the mining operations, refer to chapter 16 of the 2022 Technical Report.

Processing and Recovery Operations

Phase 2 – Matawinie Beneficiation Plant

The mineral processing facility has been designed to produce 105,882 dry tonnes of graphite concentrate per year. The design was based on the results from the metallurgical testing that has been done at the Corporation's demonstration plant and at external labs. Table 1-3 summarizes the general process design basis.

Table 1-3: General Process Design Criteria

Parameter	Unit	Value
Nominal ore processing rate	dry tpy	2,550,556
Graphite ore grade	% C(t)	4.36
Graphite ore grade	% C(g)	4.22
Crusher operating time	%	37.5
Concentrator operating time	%	90
Final graphite concentrate grade	% C(g)	97
Final graphite concentrate recovery	%	93
Total Nominal graphite production	**dry tonnes per year**	**105,882**

The concentrator is designed to produce a 97% C(t) graphite concentrate from an ore with a grade of 4.33% C(t). Tailings will be processed to generate two tailings streams, NAG and PAG. Each stream will be dewatered and filtered. Table 1-4 below shows the high-level mass balance.

Table 1-4: Concentrator Mass Balance

Stream	Solids		Graphite (C(t))	
	tpy	tph	Grade	Recovery
Feed	**2,550,556**	**323.5**	**4.33%**	**100.0**
All Concentrates	**105,882**	**13.4**	**97.0%**	**93.0**
+48 mesh concentrate	15,670	2.0		
-48 to +80 mesh concentrate	35,365	4.5		
-80 to +150 mesh concentrate	29,329	3.7		
-150 mesh concentrate	25,518	3.2		
All Tailings	**2,444,673**	**310.1**	**0.32%**	**7.0**
NAG		245.0		
PAG		65.1		

Run of mine is crushed using jaw crushers. The crushed ore is transported by conveyor to the covered stockpile. Crushed ore is withdrawn from the stockpile with apron feeders and is fed to the grinding circuit via conveyor.

The semi-autogenous grinding (**"SAG"**) mill is in closed circuit with a single deck vibrating screen. The screen oversize is returned to the SAG mill and the screen undersize is sent to the ball mill circuit.

The ball mill operates in closed circuit with a rougher flotation cell and a set of cyclones. The ball mill discharge is pumped to the ball mill cyclones. The cyclones underflow reports to the rougher flotation circuit while the overflow proceeds to scavenger flotation. The rougher flotation allows for the removal of large graphite flakes as soon as they are liberated from the ore and helps maintain graphite flake integrity. The scavenger flotation circuit aims to float the remaining graphite.

The rougher and scavenger flotation concentrates are directed to the polishing circuit. The scavenger tails will be directed to the tailings thickener.

The rougher and scavenger concentrates are first sent to a polishing mill. The polishing mill scrubs the surface of the graphite flakes and thus removes the gangue minerals that are attached to the flakes. The polishing mill discharge is sent to the 1st cleaner flotation cells. The 1st cleaner concentrate is subjected to a 2nd cleaner flotation column. The column concentrate is transferred to the classification stage and the column tailings are returned to the 1st cleaner flotation cells. The 1st cleaner tailings are treated in a scavenger stage to recover more challenging middling particles. These middlings are transferred to the polishing mill to improve mineral liberation.

The second cleaning phase starts with size classification. Cyclones are used to separate fines from coarse particles of the 2nd cleaner concentrate. The coarse fraction is directed to a coarse attrition mill and two-stage cleaning flotation cells while the fine fraction is upgraded through two-stage attrition and fines cleaning flotation cells, followed by a 3rd cleaning flotation column. Concentrates from the coarse and fine-cleaning circuits are pumped to the concentrate thickener.

The final graphite concentrate is thickened, filtered and dried. After drying the product is dry screened into four products and they can be either bagged and wrapped or sent to the truck loadout station. The distribution of the concentrate size fractions is shown in Table 1-5.

Table 1-5: Graphite Concentrate Size Fraction Proportion

Graphite Concentrate Size Fraction	Proportion (%)
Jumbo Flakes (+48 mesh/+300 µm)	14.8
Coarse (–48+80 mesh/-300+180 µm)	33.4
Intermediate (–80+150 mesh/-180 +106 µm)	27.7
Fine (–150 mesh/ -106 µm)	24.1

The concentrator tailings are initially thickened for process water recovery and then pumped to the tailings desulphurization circuit. The desulphurization circuit consists of two main steps, first removal of the magnetic sulphur-bearings materials using a medium intensity magnetic separator (**"MIMS"**) and then treating the non-mag portion in the sulphide flotation circuit for further sulphide removal. This circuit produces NAG tailings and PAG tailings. The NAG and the PAG tailings are thickened, filtered and stockpiled before being trucked to the co-disposal site.

Reagents used for the graphite concentration process are collector (Fuel oil) and frother (MIBC). A collector (Xanthate) and a frother (MIBC) are used in the desulphurization circuit. Flocculant and lime will also be required.

Water recycling will be maximized as most of the process water will be recovered either from the thickeners or the industrial zone basin (**"BC-2"**) pond. Fresh water consumption is minimized and is only used when clean water is required, such as for reagent preparation.

Phase 2 – Bécancour Battery Material Plant

The Corporation Battery Material Plant serves to transform natural graphite concentrate produced at the concentrator into added-value battery-grade materials. The finest size fraction of the graphite concentrate, which represents the lowest value product coming from Matawinie, is trucked to Bécancour to undergo micronization and spheronization, purification and coating to produce CSPG battery grade materials. A portion of the jumbo flake product from Matawinie is also treated. However, it only passes through the purification stage to produce purified jumbo flake (**"PJF"**). Both materials will be purified using a carbochlorination process to a minimum grade of 99.95% while respecting specific impurity limits set by end users.

In total, the Battery Material Plant receives 60,700 t of CG and 3,075 t jumbo flake annually. The process begins with the micronization and spheronization process where the CG material undergoes a size reduction and two stages of particle shaping resulting in two spherical graphite products and one fine by-product. The fine by-product represents 30% of the plant feed. The fines are bagged and sent to market for sale as carbon risers at an estimated grade of 95% carbon (**"C"**).

The carbochlorination process involves injection of chlorine gas into a custom-designed furnace at high temperature. The impurities contained in the graphite react with chlorine and are volatilized and condensed in the insulating media bed of the furnace in the form of mixed oxides and chlorides. The off gases are scrubbed and a water treatment plant removes any remaining impurities from the water that is neutralized and recycled to the process. The layer of insulating media containing the impurities will be disposed of in an authorized containment site operated by a third party. The small amount of residue generated by the water treatment plant is filtered and the solid cake is trucked to the mine for disposal in the co-disposal facility. Approximately 4-5% of the graphite mass is lost during purification in the form of impurities, carbon monoxide

(“**CO**”) gas and dust. The two sizes of SPG are sent to the coating area while the purified jumbo flakes are bagged for shipment to market.

The final stage of the added-value product flow sheet is the application of a coating to the spherical purified graphite. Both coarse and fine SPG materials are mixed, in turn, with a micronized carbon precursor. During the treatment, 50% of the precursor is volatilized and the remaining portion is deposited and carbonized on the surface of the SPG. The production of primary and secondary CSPG is 35,849 tpy and 6,767 tpy respectively. Both materials are bagged and shipped to the end users.

For more details regarding the processing and recovery operations, refer to Chapter 17 of the 2022 Technical Report.

Infrastructure, Permitting, and Compliance Activities

Phase 2 – Matawinie Mine Project

Project Infrastructure

The project infrastructure includes the 120 kV electrical power line, the main access road and site roads, industrial area buildings including the concentrator and stockpiling domes, prefabricated electrical rooms and service buildings. It also includes the tailings storage area, water management facilities with collection basins and ditches to collect surface runoff, dewatering for the open pit, pumping stations, piping and a water treatment unit.

Site services include electrical distribution and communication, site fire protection, fresh and process water supply, potable water, and sewage treatment.

Water Management Plan

The mine water management plan addresses the surface runoff and the process water that are to be collected from the industrial areas including the open pit, the overburden/topsoil stockpiles and CSF of the Matawinie Mine Project site. The water management infrastructure (i.e., basins and pumping requirements) is sized based on the required volume of surface runoff to manage, which varies based on the catchment area of the CSF and the open pit. Hence, the water management plan is divided into three distinct phases (A, B1 and B2) as the drainage area increases with the mine development. Water to be used in the mineral processing will be taken directly from the basin located in the industrial area. The remaining water will be directed to the basin located south to be treated. Treated water from the Water Treatment Plant will be discharged in the *Ruisseau à l’Eau Morte* following monitoring of flow and water quality in full compliance with applicable laws, regulations, and standards.

Tailing and Waste Rock Storage Facility

Geochemical testing carried out on the tailings at the Corporation project shows that the tailings are PAG. The concentrator tailings are initially thickened for process water recovery and then desulphurized in the tailings treatment plant by sulphide flotation and magnetic separation to produce NAG and PAG tailings. Co-disposal methodology will be used to manage tailings and waste rock generated by mining activities. Desulphurized tailings and sulphide concentrate will then be filtered and placed with the waste rocks in co-disposal cells to form a co-disposal stockpile. According to the most recent mine plan, from Year 8 the co-disposal will also be carried out in the mine pit. The total quantity of waste rocks and tailings to be managed in the co-disposal stockpile and the mine pit is 67,433 million cubic metres. Progressive restoration of the co-disposal stockpile will also be carried out starting at Year 4 of mine operation.

Phase 2 – Bécancour Battery Material Plant

The project infrastructure includes a 120 kV electrical power line, the M/S, purification and coating buildings, mechanical services building, gas and water treatment plants and a retention pond. Additionally, a pipeline connecting the plant to Olin for delivery of gaseous chlorine is planned.

Site Water Management Plan

The surface water management plan was prepared based on the drainage of a non-hazardous site as defined by the municipal, regional and provincial regulations as all industrial activities will take place inside the proposed buildings, sheltered from the weather.

The project involves the construction of an underground storm sewer system to drain the entire developed non-risk area of the lot. The proposed network is controlled by a 3,000 m^3 capacity dry retention basin located at its downstream end. The outlet of the basin is located to the west of the lot in the *Gédéon Carignan* stream, which passes through the existing ditch on G.A. Boulet Street.

Waste Management Plan

Two main waste products are generated by the process: fouled insulating media and the water treatment plant sludge. The insulating media is collected from the top layer of the purification furnace where the impurities extracted from the graphite concentrate are condensed as mixed metal oxides and chlorides. The fouled media will be stored in containers and trucked to an authorized containment facility off-site. The sludge contains precipitated metal hydroxides and gypsum recovered from neutralization of the gas treatment plant scrubber effluents. The sludge is filtered and washed before being trucked to the mine site for co-disposal with the concentrator tailings.

Environmental Studies

The Corporation intends to develop a world-class operation at its Phase 2 Matawinie Mine Project and Bécancour Battery Material Plant through the strategic integration of some of the industry's latest technological innovations and best practices to reduce GHG emissions and minimize environmental impacts.

Matawinie Mine Project

Active stakeholder engagement and an environmental and social impact assessment (ESIA) realized by SNC-Lavalin (2019) were conducted for the Matawinie Mine Project, underpinned by sustainable development principles. Complete inventories of fauna and flora were carried out to optimize the development by reducing the Project's footprint, avoiding sensitive habitats and integrating mitigation measures for vulnerable species. All impacts generated by the Project have been controlled and contained within 1 km of the mining site. Following an extensive public hearing process, in June 2020 the Corporation received the report and recommendations of the *Bureau d'audience publique sur l'environnement* (BAPE) regarding its Phase 2 Matawinie Mine Project. The government's environmental assessment analysis continued at the MELCC from November 2020 to January 2021 and resulted in the adoption of a ministerial Decree that authorized the Matawinie Mine Project on January 20, 2021, on the territory of the SMSD municipality (*Décret 47-2021*).

Following the issuance of the Decree, the Corporation must still comply with the different regulatory requirements regarding the quality of the environment, social and environmental monitoring, reporting, and permitting for different phases of construction, mining operations, and closure.

The processing plant and the co-disposal pile of tailings and waste rock will be located less than 500 metres from the mine as to minimize truck cycle times and lower the Project's operating costs. As specified in Condition 3 of the Decree, full-scale field-testing was constructed during the summer of 2020 reproducing the parameters of the tailings' co-disposal design.

The goal was to simulate specific parameters of the deposition plan with instruments at certain strategic locations. The results of the cell provide insight to ensure a safe design including proof design criteria into the deposition plan and the monitoring QA/QC program (Condition 4 of the Decree). Based on collected data and correlations, project pH-dependent water-quality models for full-scale mine site components are validated (Lamont and MDAG, 2020, Lamont, 2020).

Progressive reclamation activities will be carried out during the mining activities. The final reclamation cover will be placed on the co-disposal pile as soon as an area of the pile will have reached its final elevation. Reclamation will include all activities carried out during the mining operations (progressive reclamation) and at the end of mining activities covered by the closure plan.

The Corporation has planned its operation activities to respect the noise limits of the zoning category I of instruction notes 98-01, which are 45 dBA during the day and 40 dBA at night (LAr, 1 h) with a voluntary acquisition program within 1 km radius. The Corporation will carry out annual noise measurement campaigns during construction and operation. A permanent station in the residential sector Domaine Lagrange and background station are installed and provides real-time noise measurements with alarm threshold, making it possible to monitor real-time data and provide reference data for operation.

In March 2022, the Corporation committed to submit to the MELCC a new version of the airborne contaminant distribution modelling considering the updated information on crystalline silica with the aim of modifying Condition 2 of the ministerial Decree. From Year 2 of operation, a modification of Condition 2 of the Decree is needed to comply with the maximum of ore and waste rock extraction to meet the total annual production. This maximum is fixed based on a degree of uncertainty regarding the proportion of crystalline silica in the dust from different sources of emission. In March 2022, the Corporation committed to submit to the MELCC a protocol to updated data about crystalline silica and submit a new version of the airborne contaminant distribution modelling considering the updated information from the Matawinie Mine Project site. The model will be accompanied by a dust management plan to ensure compliance with the criteria.

As per Condition 6 of the Decree, the Corporation must present the progress of work to electrify mobile mining equipment as well as an update of the schedule for carrying out this work. In June 2021, the Corporation entered into a collaboration agreement with Caterpillar Inc. under which Caterpillar Inc. will develop, test, and produce Cat® “zero-emission machines” for the Phase 2 Matawinie Mine Project, with a view to becoming the exclusive supplier of an all-electric mining fleet for deployment at the Phase 2 Matawinie Mine Project 5 years after the mine start-up.

The Corporation carries out the environmental monitoring activities as described in the Decree and/or as requested by the government authorities in authorizations. A Monitoring Committee is in place and acts as a consultative body as well as a platform for environmental and social surveillance of the Corporation’s operations. Led by the Corporation’s Community Relations Manager and composed of local citizens, First Nation members, business representatives, and local organizations, the committee will remain in place until the post-closure monitoring period of the mine.

Bécancour Battery Material Plant

For the future Phase 2 Bécancour Battery Material Plant, the Corporation completed an environmental baseline study of the 200,000-m^2 land (hereafter named Lot 17) located within an industrial park between avenue G.-A.-Boulet and Alphonse-Deshaies Boulevard in Bécancour.

The Bécancour industrial and port park covers an area of nearly 7,000 ha. It accommodates more than 30 industrial and service companies. The Phase 2 Bécancour Battery Material Plant project will become an active member of a new clean technology innovation hub. Feedback from local stakeholders will be important to ensure an inclusive and respectful diversification of the local and regional economy. Through an open and proactive dialogue, the Corporation strives to maintain collaborative relationships with local stakeholders, including the City and MRC of Bécancour, the Abenaki First Nation community, the regional branch of MELCC and regional industrial and associative partners.

Lot 17 is covered at 88.5% with land. Five wetlands grouped into four types of groupings and 16 terrestrial environments grouped into six types of stands. The general topography of the land is relatively flat, slightly descending towards the St. Lawrence River. No plant species that are threatened, vulnerable or likely to be so designated were listed during the survey.

A Phase I environmental site assessment (EISA) based on the CSA Z768-01 standard as well as the section 1.0 of the Terrain Characterization Guide was produced for Lot 17. The results suggest the absence of soil and water contamination in the Lot 17 resulting from the identified environmental issue on the site during the Phase II ESA.

The Corporation's project in Bécancour (Phase 2 Bécancour Battery Material Plant) is under section 22 of the Environment Quality Act (EQA). Several requests for authorization following the different stages of the design or the construction activities will be required.

Process emissions are the main source of GHG emissions at the Phase 2 Bécancour Battery Material Plant while the Corporation's proprietary purification ecotechnology leveraging hydropower enables significant reduction in the carbon footprint. To optimize the carbon performance of the Phase 2 Bécancour Battery Material Plant, the Corporation is evaluating opportunities to reduce the energy consumption of both its processes and buildings, and to substitute carbon-based materials with non-carbon-based ones with similar properties.

For more information regarding the reasonably available information on environmental, permitting, and social or community factors related to the project, refer to Chapter 20. *Environmental Studies, Permitting, and Social or Community Impact* of the 2022 Technical Report.

For more details regarding the infrastructure, permitting, and compliance activities, refer to chapters 18 and 20 of the 2022 Technical Report.

Capital and Operating Costs

Capital Costs

Matawinie Mine Project

The Matawinie Mine Project is a greenfield mining and processing facility with average mill feed capacity of 2,550,556 tpy of ore to produce 105,882 tpy of graphite concentrate. The estimated capital cost for the mine and beneficiation plant is

$480.8M including direct and indirect costs. An additional $62.4M of sustaining capital was allocated for the co-disposal facility and water management.

Table 1-6: Summary of Capital Cost Estimate

Note: Totals may not add up due to rounding.

Bécancour Battery Material Plant

The Bécancour Battery Material Plant project is a greenfield commercial processing plant equipped to produce a wide range of high-performance graphite-based materials. The Corporation's objective is to process 60,700 t of graphite concentrate and 3,075 t of jumbo flake in order to produce 42,616 tpy of Anode Material in the form of purified and CSPG, and 3,007 tpy of purified jumbo flake.

The capital cost for the Battery Material Plant was estimated at $923.4M.

Table 1-7: Battery Material Plan Capex Summary by Major Area

Area	Description	Total ($)
0	General	493,230
2	Off-site Infrastructure	7,631,768
3	On-site Infrastructure	30,249,341
4	Micronization and Spheronization	153,124,224
5	Purification	214,374,794
6	Coating	169,437,142
7	Process Services	40,977,098
	Total Direct Costs	**631,071,605**
8000	Owner's Costs	41,505,826
9100	EPCM Services	85,688,000
9500	Temporary Facilities & Utilities	29,790,000
9500	Heavy Lift & Construction Cranes	3,084,124
9600	POV & Mechanical Acceptance	4,520,600
9700	Commissioning Spare Parts	2,411,000
9700	Capital Spare Parts	3,917,800
9700	Initial Fill	3,013,700
9200	Freight	5,490,000
9600	Vendor Representatives	6,536,100
9800	Contingency	106,371,000
	Total Indirect Costs	**292,328,149**
Total Direct + Indirect Costs		**923,399,755**

Note: Totals may not add up due to rounding.

Operating Costs

The Matawinie Mine Project is a greenfield mining and processing facility with average mill feed capacity of 2,550,556 tpy of ore to produce 105,882 tpy of graphite concentrate.

The Bécancour Battery Material Plant project is a greenfield commercial processing plant equipped to produce a wide range of high-performance graphite-based materials, thanks to the micronization, spheronization, purification and coating units. The Corporation's objective is to produce 42,616 tpy of Anode Material in the form of purified and CSPG, and 3,007 tpy of large purified Jumbo Flakes. Supported by Québec hydroelectricity, the Plant aims to achieve a neutral carbon footprint and bring a sustainable product to the market.

The capital and operating cost estimates related to the mine, the concentrator and Battery Material Plant have been developed by external consultants and consolidated by the Corporation.

Matawinie Mine Project

The estimated operating costs of the Matawinie Mine Project is 565$/t of concentrate and covers mining, tailings, processing, general administration, concentrates transportation cost to Bécancour and sales and marketing fees. The sources

of information used to develop the operating costs include in-house databases and outside sources particularly for materials, services and consumables. All amounts are in Canadian dollars (CAD) unless otherwise specified.

Table 1-8: Operating Costs Summary – Phase 2 Matawinie Mine Project

Description	Cost per Year ($/year)	Cost ($/t concentrate) (2)	Total Costs (%)
Mining (average over life)	17,330,983	169	29.7%
Tailings (average over life)	5,655,610	55	9.7%
Ore Processing	26,083,095	252	44.6%
General and Administration	3,750,866	36	6.4%
Transport Cost to Bécancour	2,769,863	27(1)	4.7%
Sales and Marketing fees (3)	2,831,631	27	4.8%
Total Opex	**58,422,047**	**565**	**100.0%**

Notes:

(1) The total transport cost for the portion of the concentrate to be sent to Bécancour was distributed to the complete concentrate production.

(2) The costs presented are calculated based on LOM average production of 103,328 tpy.

(3) The sales and marketing fees represent 3% of the gross revenue before NSR.

Bécancour Battery Material Plant

The estimated operating costs of Phase 2 - Battery Material Plant and covers: concentrate processing, sales and marketing fees and general administration.

The sources of information used to develop the operating costs include in-house databases and outside sources particularly for materials, services and consumables. All amounts are in CAD, unless otherwise specified.

Table 1-9: Operating Costs Summary – Phase 2 Battery Material Plant

Description	Cost per Year ($/year) (1)	Cost ($/t CSPG feed) (2)	Total Costs (%)
Micronization/spheronization	26,868,414	443	20%
Purification	47,330,852	780	35%
Coating	35,865,428	591	26%
General and Administration	11,126,505	183	8%
Sales & Marketing Costs	15,298,832	252	11%
Total Opex	**136,490,031**	**2,249**	**100%**

Notes:

(1) The costs represent a LOM arithmetic average which considers the ramp-up period (Y1-2) and a temporary 20% electricity rebate from Hydro-Québec (Y1-8).

(2) CSPG feed to the Battery Material Plant considers 60,700t CG only.

(3) The sales and marketing costs represent 3% of the gross revenue before NSR.

Economic Analysis

An economic analysis based on the production and cost parameters of the Project was prepared and the results are shown in Table 1-10.

Table 1-10: Economic highlights of the Corporation's integrated Phase 2 - Graphite operations

Description	Units	Value
Total diluted Proven and Probable Reserve	M tonnes	61.7
Average Concentrate Production (LOM) †	tpy	103,328
Raw Material CSPG	tpy	60,700
Total Revenue	$M	14,897
Total Operating Costs	$M	4,873
Initial Capital Costs (excludes Working Capital)	$M	1,404
Sustaining Capital Costs	$M	62
Mine Rehabilitation Trust Fund Payments	$M	30
Total Pre-tax Cash Flow	$M	8,526
Total After-tax Cash Flow	$M	5,992

The financial analysis is based on the sale prices (weighted average on the life of mine) shown in Table 1-11. Prices in USD were converted to CAD with the exchange rate of 0.7843 USD per CAD (1.275 CAD per USD) was used to convert the USD market price projections into Canadian currency.

Table 1-11: Sales prices breakdown per product

Flake Size	Prices (LOM Average / in CAD)	Prices (LOM Average / in USD)	Distribution
Jumbo (+50 mesh)	2,563	2,010	15%
Coarse (-50+80 mesh)	2,170	1,702	33%
Intermediate (-80+150 mesh)	2,042	1,602	28%
Fine (-150 mesh)	1,932	1,515	24%
Matawinie Basket	2,135	1,675	100%
Purified products	**Prices (LOM Average / in CAD)**	**Prices (LOM Average / in USD)**	**Distribution**
CSPG 20 Production	11,102	8,707	56%
CSPG 10 Production	13,865	10,874	11%
CSPG Basket	11,540	9,051	67%
Purified +50 mesh	6,507	5,104	5%
By-products Fines	638	500	29%
Bécancour Basket	8,172	6,410	100%

The financial indicators associated with the economic analysis are summarized in Table 1-12:

Table 1-12: Economic highlights of the Corporation's integrated Phase 2 - Graphite operations

Economic Highlights	Matawinie Mine Project	Bécancour Battery Material Plant	Integrated NMG Model
Pre-tax NPV (8% discount rate)	$986M	$1,374M	$2,360M
After-tax NPV (8% discount rate)	$571M	$1,010M	$1,581M
Pre-tax IRR	28.2%	22.8%	24.6%
After-tax IRR	22.2%	20.4%	21.0%
Pre-tax Payback	3.2 years	4.3 years	3.9 years
After-tax Payback	3.7 years	4.5 years	4.2 years
Annual Average Production	103,328 t of graphite concentrate	42,616 t of Anode Material 3,007 t of purified jumbo flakes 18,384 t of by-product fines	-
Life of Mine (LOM)	25 years	-	-

Figure 1-1 and Figure 1-2 show the sensitivity of the after-tax NPV and IRR, respectively, to variations in Capex, Opex, Sales Prices and the USD/CAD Exchange Rate. The vertical dashed lines represent the typical margin-of-error interval associated with FS-level cost estimates.

This report was compiled according to widely accepted industry standards. However, there is no certainty that the conclusions reached in this report will be realized.

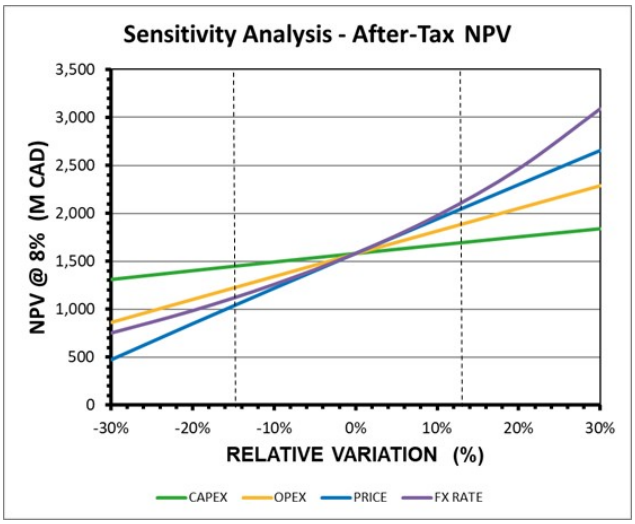


Figure 1-1: Sensitivity of Project NPV @ 8% (after tax)

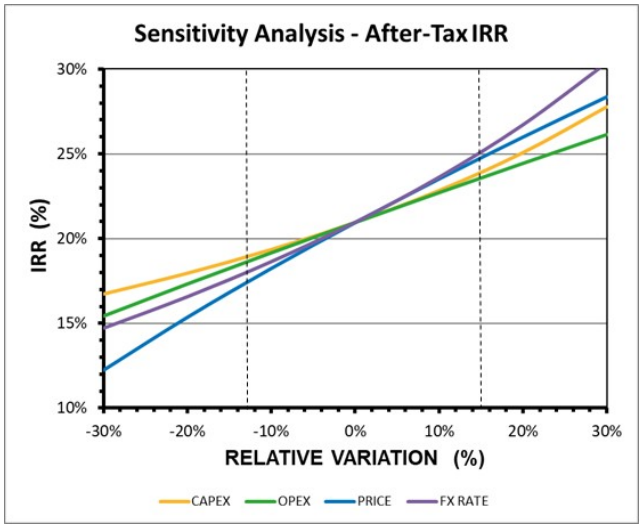


Figure 1-2: Sensitivity of Project IRR (after tax)

For more details regarding the capital and operating costs, including the economic analysis, refer to chapters 21 and 22 of the 2022 Technical Report.

Interpretation and Conclusions

This Feasibility Study shows that the projects are technically feasible as well as economically viable. It further strengthens ongoing project finance efforts and active commercial discussions with a view towards securing an anchor customer agreement with potential financial participation. From the final investment decision, the Corporation's Phase 2 Matawinie Mine Project and Bécancour Battery Material Plant could be built within an approximate 30-month schedule.

There is no certainty that the economic forecasts on which this study is based will be realized. There are a number of risks and uncertainties identifiable to any new project and usually cover the mineralization, process, financial, environmental and permitting aspects. The Corporation's Phase 2 is no different and an evaluation of the possible risks was undertaken as part of the Study.

Following an analysis of the major risks to the Project, a P50 management risk reserve of $150 million is recommended. The top risks are: 1) Firstly, uncertainty on the duration of the purification cycle time, which could lead to additional furnaces being required. The piloting program is underway to finalize the engineering design parameters of the purification sector during H2-2022; 2) Secondly, the availability of construction workforce in the current labour market coupled with equipment delivery uncertainties associated with COVID-19 repercussions; these conditions could increase the cost of equipment and materials, and cause construction delays; and 3) Thirdly, studies and simulations are underway to finalize the scope and design of the atmospheric emission outlets' dimension and configuration for the different equipment, particularly dedusting, to ensure regulatory requirements are met. This reserve is not included in the capital cost estimate but is within the range of the financial sensitivity analysis of the capital cost.

Exploration Activities

Exploration work on the Mining Property targeted graphite mineralization and consists to date of airborne geophysics (Mag and TDEM), prospecting, ground TDEM surveying, trenching/channel sampling and core drilling. Surface and core samples were also collected for metallurgical tests including representative master composites of the West Zone. Exploration work by the Corporation was initiated on the Tony Block in summer of 2014 which resulted in the discovery of seven mineralized zones. These zones are named the far west, west, north, north-east, east, southeast and southwest zones. No other known mineral occurrences were identified on the Mining Property area prior to the exploration work performed by the Corporation.

Exploration activities by the Corporation have culminated in the identification of a Probable Mineral Reserve for the West Zone as well as a Mineral Resource Estimate combining the southeast and southwest mineralization present on the Corporation's Tony Block. The Probable Mineral Reserve of the West Zone is based on 8,274 assay intervals collected from 26,203.74 m of core drilling and three surface trenches providing 207 channel samples. Proper quality control measures were used throughout the exploration programs leading to the Probable Mineral Reserves detailed in this report.

For more details regarding the exploration, development, and production, refer to chapter 25 of the 2022 Technical Report.

Mineral Reserves

An analysis should be done to determine if an elevated cut-off grade can provide improved overall economics for the project.

Additional infill drilling is recommended to convert all probable reserves to proven reserves covering the starter pit as well as Phase 1. Such a campaign is estimated at about 2,700 m of drilling.

Uatnan Mining Project

The following description of the Uatnan Property was summarized from the Uatnan Mining Project Report that was prepared by Mr. André Allaire, P.Eng., PhD, Jeffrey Cassoff, P.Eng., Vera Gella, P.Eng., Merouane Rachidi, P.Geo., Ph.D. and Claude Duplessis, P.Eng. (the " **Authors of the Uatnan Mining Project Report**"), each of whom is a "qualified person"

and “independent” of the Corporation, as at the issuance date of the Uatnan Mining Project Report, within the meaning of NI 43-101 and is qualified in its entirety with reference to the full text of the Uatnan Mining Project Report. The summary is subject to all the assumptions, conditions and qualifications set forth in the Uatnan Mining Project Report. The Uatnan Mining Project Report was prepared in accordance with NI 43-101 and for additional technical details, please see the complete text of the Uatnan Mining Project Report which was filed with the applicable regulatory authorities and was posted under the Corporation’s profile on SEDAR at www.sedar.com and on EDGAR at www.sec.gov on February 24, 2023. Defined terms and abbreviations used in this section and not otherwise defined in this Annual Information Form have the meanings attributed to them in the Uatnan Mining Project Report. In this section, the number identifying each table and figure referred to the number identifying each of these tables and figures in the Uatnan Mining Project Report.

All statements contained in these sections are based on expectations, estimates and projections as of the date of the Uatnan Mining Project Report. The estimates and projections of future production for the Uatnan Mining Project are necessarily based upon a number of estimates and assumptions that, while considered reasonable by the Corporation as of the time of such statements, are inherently subject to significant business, economic and competitive uncertainties and contingencies. These estimates and assumptions are based on existing plans and other assumptions which change from time to time, including mineral resource estimates; the availability, accessibility, sufficiency and quality of graphite; the Corporation’s costs of production; the Corporation’s ability to sustain and increase production levels; the sufficiency of the Corporation’s infrastructure; the performance of the Corporation’s workforce and equipment; the Corporation’s ability to maintain and obtain mining interests and permits; and the Corporation’s compliance with existing and future laws and regulations; actual graphite mined varying from estimates of grade, tonnage, dilution and metallurgical and other characteristics; revisions to mine plans; risks and hazards associated with mining; natural phenomena, such as inclement weather conditions, water availability, floods, and seismic activity; and unexpected labor shortages, strikes, local community opposition or blockades. Accordingly, these estimates and assumptions may prove to be incorrect as of the date of this Annual Information Form and readers should not place undue reliance on such information. The Corporation disclaims any intention or obligation to update or revise any forward-looking statements or to explain any material difference between subsequent actual events and such forward-looking statements, except to the extent required by applicable law.

Readers are cautioned that the information provided in this section is provided as of the effective date of the Uatnan Mining Project Report, being January 10, 2023.

The following individuals, by virtue of their education, experience and professional association, are considered QPs as defined in the NI 43-101 and are members in good standing of appropriate professional institutions.

Introduction

This PEA of the Uatnan Mining Project was commissioned by the Corporation to satisfy one of the conditions relating to the OJV Agreement with Mason Graphite. For more information regarding the OJV Agreement, see the Corporation’s press releases dated May 16, 2022, and July 20, 2022. The Corporation has not conducted any work on the Uatnan Mining Property which is 100% owned and operated by Mason Graphite. The Corporation and Mason Graphite are both issuers of the Uatnan Mining Project Report.

Mason Graphite is a Montréal based company listed on the TSXV under the symbol “LLG”. The company was formed in 2012 for the acquisition and development of the Lac Guéret graphite deposit.

In this summary, all currency amounts are in Canadian Dollars (“**CAD**” or “**$**”) unless otherwise stated, with commodity prices typically expressed in U.S. Dollars (“**USD**”). Units of measurement are generally stated in the *Système international d’unités* (“**SI**”) metric units, the standard Canadian and international practices, including metric tons (“**tonnes**”, “**t**”) for weight, and kilometres (“**km**”) or metres (“**m**”) for distance.

Project Description, Location, and Access

The Uatnan Mining Project, one of the world's largest graphite projects in development, aims to develop the Lac Guéret graphite deposit located approximately 285 km north of the city of Baie-Comeau, Québec, Canada. The Uatnan Mining Project Report presents the results of the PEA for the Uatnan Mining Project which includes the mine and beneficiation plant for the production of approximately 500 kilo-tonnes per annum ("**ktpa**") of graphite concentrate.

The Corporation and its consultants revisited all components of Mason Graphite's original mining project to align the development of the Lac Guéret graphite deposit with today's market opportunity and potential customers' requirements.

Considering the significant modifications to Mason Graphite's original project, the Corporation initiated a name change with the collaboration of the Innu First Nation of Pessamit. The deposit is located on the Nitassinan, the Innu of Pessamit's ancestral territory, in a sector referred to as "*Ka uatshinakanishkat*" meaning "where there is Tamarack". Hence, the name Uatnan meaning Tamarack, a conifer prominent in the area, was chosen to identify the Property and Project.

The Uatnan Mining Project is located in the Côte-Nord Administrative Region, in northeastern Québec, Canada. The graphite deposit is centred on 51°07'N and 69°05'W and consists of 74 CDC claims of which 71 are located on NTS topographic map sheet 22N03, and three on sheet 22K14. The Property lies on the southwestern shore of the Manicouagan Reservoir, within the Rivière-aux-Outardes municipality, approximately 220 km as the crow flies, north-northwest of the

town of Baie-Comeau. This town is the nearest accessible community of significant size. Figure 4-1 below present the location of the Uatnan Mining Project.

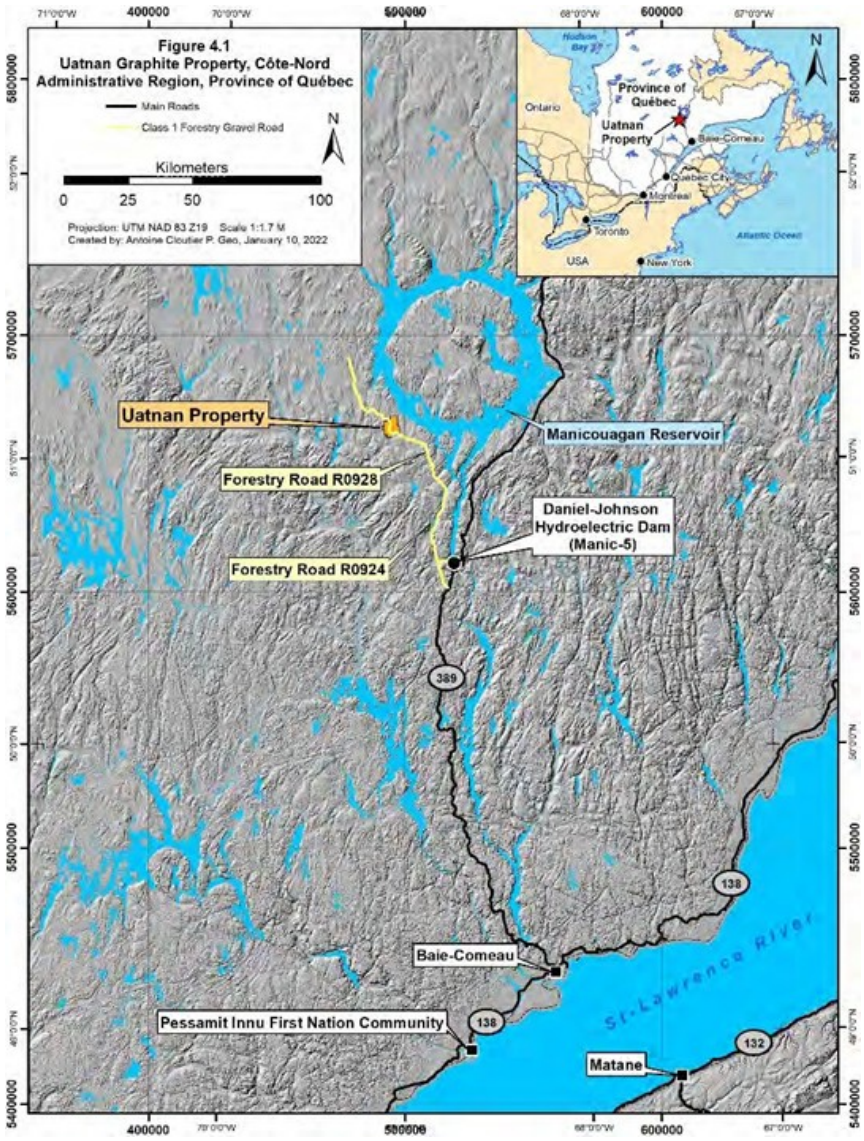


Figure 4-1 - Location of the Uatnan Property

Access to the Uatnan Mining Property is via the paved all-weather Highway 389 from Baie-Comeau, Québec to Wabush, Labrador. At Km 202, south of the Manicouagan-5 /Daniel-Johnson hydroelectric dam, a Class 1, main haul gravel logging

road turns northwest from the paved road. It continues about 85 km north-northwest from the highway towards the southwest shore of Lac Manicouagan.

The Uatnan Mining Property is located in a system of former logging roads that are sporadically maintained by logging companies and were in sound condition as of 2022. Numerous logging roads run cross and around the Property and give good access to the claim block.

The closest town, Baie-Comeau, has a deep-water port which accommodates shipping freighters and cruise ships with up to 9.0 m water draught. Vehicle and rail ferries allow crossing the St- Lawrence River to the city of Matane on the south shore enabling easy access to the rest of the North American Continent.

Baie-Comeau also hosts a regional airport with regular scheduled flights from Montréal and Québec City.

The Uatnan Mining Property covers an area of 3,999.52 hectares, all of which are 100% in the interest of Mason Graphite with the claims (74 claims) in good standing until July 17, 2024. The claims have not had any legal surveys. All claims are map-staked claims and are registered in the Québec GESTIM database.

Royalties and Other Agreements

The Corporation entered into the Investment Agreement and the OJV Agreement to explore the potential development of the Lac Guéret deposit. Those agreements align with the Corporation's growth strategy with a view to establishing a large and fully vertically integrated natural graphite production, from mineralized material to battery materials, at the western markets' doorstep. Following the successful initial closing of the Investment Agreement, the Corporation and Mason Graphite initiated the PEA on the Uatnan Mining Property.

The transaction, as approved by Mason Graphite's shareholders, entails, among others and subject to the terms and conditions of the Investment Agreement and OJV Agreement:

1. $5 million equity investment by the Corporation in Mason Graphite, in two instalments;
2. Project development through a preliminary economic assessment and bankable feasibility study following NI 43-101 rules and guidelines; and
3. Upon completion of technical studies and a $10-million investment in related works (which includes technical studies work), and at the time of acceptance of such technical studies work by Mason Graphite, the Corporation shall be deemed to have acquired 51% participation in the Uatnan Mining Property and will be appointed as operator. The joint venture would be funded by each party per its proportionate share of each of the approved work programs and budget and all other expenditures approved in accordance with the OJV Agreement.

As of the date of the Uatnan Mining Project Report, a mining lease request from Mason Graphite for the future mine was being evaluated by the MRNF and the validity of three affected claims (CDC 1037522, CDC 1040768 and 1040769) was suspended as part of the normal evaluation procedure.

As of the date of the Uatnan Mining Project Report, there were no registered encumbrances or royalties known on the Uatnan Mining Property.

Risk Factors, Permits and Environmental Liabilities

In June 2017 Mason Graphite and the Pessamit Innu First Nation signed an Impact and Benefits Agreement ("**IBA**") concerning the Lac Guéret Project.

All permits needed to complete the work to date have been obtained such as tree clearing permits for exploration work. Although a ministerial decree authorizing the Lac Guéret Mine Project (Decree #608-2018) was granted by the MELCC on May 16, 2018, the substantial changes to the Uatnan Mining Project presented in the Uatnan Mining Project Report could necessitate the application for a new authorization or modification of such decree. Additional information on the work needed to obtain this authorization is further discussed in Chapter 20 of the Uatnan Mining Project Report.

The Uatnan Mining Project is part of an industry that contains various risks and uncertainties. The risks and uncertainties listed below are not the only ones to which the Uatnan Mining Project is subject. Additional risks and uncertainties not presently known by the Corporation and Mason Graphite, or which the Corporation and Mason Graphite deem to be currently insignificant, may impede the schedule and performance of the Uatnan Mining Project. The materialization of risks could harm the activities of the Uatnan Mining Project and have significant negative impacts on the financial situation and the operating results of the Uatnan Mining Project.

The Uatnan Mining Project Report is preliminary in nature and includes Inferred Mineral Resources that are considered too speculative geologically to have the economic considerations applied to them that would enable them to be categorized as Mineral Reserves. Mineral Resources that are not Mineral Reserves have not demonstrated economic viability. Additional trenching and/or drilling will be required to convert Inferred Mineral Resources to Indicated or Measured Mineral Resources. There is no certainty that the resource development, production, and economic forecasts on which the Uatnan Mining Project Report is based will be realized.

A socio-economic risk exists which may affect the access or the right or the ability to perform work on the land in the form of social acceptability of the Uatnan Mining Project by the Pessamit Innu First Nation and local users of the land.

Additionally, the Uatnan Mining Project does not have an operating history. Whether income will result from any of the Uatnan Mining Project's activities will depend on the successful establishment of new mining operations. As a result, the Corporation and Mason Graphite are subject to all of the risks associated with establishing or expanding new mining operations and business enterprises, including the timing and cost, which can be considerable, of the construction of mining and processing facilities and related infrastructure; the availability and cost of skilled labour and mining equipment; the need to obtain necessary environmental and other governmental approval and permits and the timing of the receipt of those approvals and permits; the availability of funds to finance construction and development activities; potential opposition from non-governmental organizations, environmental groups or local groups which may delay or prevent development activities; and potential increases in construction and operating costs due to changes in the cost of fuel, power, materials and supplies.

Various factors, including the successful construction, commissioning and ramp-up of the Uatnan Mining Project, costs, actual mineralization, consistency and reliability of graphite grades, commodity prices, future cash flow and profitability can affect successful project development, and there can be no assurance that current or future estimates of these factors will reflect actual results and performance. The design and construction of efficient processing facilities, the cost and availability of suitable machinery, supplies, mining equipment and skilled labour, the existence of competent operational management and prudent financial administration, as well as the availability and reliability of appropriately skilled and experienced consultants can also affect successful project development. It is common in new mining operations to experience unexpected problems and delays during construction, development, mine start-up and commissioning activities. Such factors can add to the cost of mine development, production and operation and/or impair production and mining activities, thereby affecting the Uatnan Mining Project's profitability. Accordingly, there is no assurance that the Uatnan Mining Project will ever be brought into a state of commercial production or that the Uatnan Mining Project's activities will result in profitable mining operations.

The Uatnan Mining Project's footprint has no accessibility restrictions known to the Corporation and Mason Graphite and is solely located on crown land. There are no known significant factors and risks other than as disclosed herein that may affect access, title, or the right or ability to perform work on the Uatnan Mining Property.

For more details regarding the project description, location, and access, refer to chapters 4, 5 and 20 of the Uatnan Mining Project Report.

History

Historical work consists of exploration for iron in the late 1950s by Québec Cartier Mines Ltd. In 2001, Phil Boudrias of Esbec Exploration (Sept-Îles, Québec) acquired the core claims that cover the existing resources based on prospecting road cuts made by Kruger Forest Products. Quinto optioned the Uatnan Mining Property in 2002 and added claims to cover the potential graphite and iron stratigraphy. It conducted exploration programs since 2002 focusing on the zones under review. No resource estimation has been published on either the graphite deposit or on the iron deposits prior to Mason Graphite's resource estimation published in 2012. Quinto focused on the graphite stratigraphy, since the iron deposits appear to be too small to be economic in this region.

Following the exploration results between 2002 and 2004, in 2006, Quinto conducted a drill program on the northeast part of the GC Graphite Zone to define a tonnage and grade of the graphite in order to continue studies towards initiating an open pit mine. Twenty-six NQ drillholes totalling 2,468 m were drilled. The 2006 exploration program included trenching two trenches northeast of TR68, named TR69 and TR70, and a diamond drill program of 24 NQ holes totalling 2,152.1 m.

For more details regarding the history of the Uatnan Mining Property, refer to chapter 6 of the Uatnan Mining Project Report.

Geological Setting, Mineralization, and Deposit Types

Regional Geology

The regional geology includes the most southwesterly of several elongate anticlinoria of Gagnon Group metasediments that include the traditional iron formation stratigraphy of the Wabush-Mont Reed iron district. These units are metamorphosed equivalents of the Labrador Trough (New Québec Orogen) sediments that occur around Schefferville, Québec and north. The southwest Manicouagan Anticlinorium shows a core of Denault Fm dolomitic marble. The typical footwall to the Sokoman Fm, the Wishart Fm quartzite, appears not to be present as a mappable unit. The Sokoman Fm iron formation outcrops mainly in both the centre and edges, where they occur as linear, doubly folded (interference folds) anticlines and synclines on the scale of 0.5 to 2.5 km. Silicate facies of the Wabush were recognized in recently logged areas in the southern part of the anticlinorium but have not been mapped historically. The quartzite mapped near the graphite zones appears to be the upper, non-oxide, facies of the Sokoman Fm, not the Wishart quartzite, since it locally contains small amounts of magnetite, iron carbonates and iron silicates typical of the Sokoman Fm. The top of the Sokoman Fm has a diachronous, transitional contact with the overlying Menihek Fm pelitic sediments. The basal part of the Menihek unit, informally named the "Upper Gneiss" by Clarke (1977), forms the informal member, here named Lac Guéret Member of the Menihek Fm. The Katsao Fm gneiss has significant potassium feldspar (high K2O), whereas the paragneiss and schist of the Menihek Fm are deficient in K2O.

Graphitic metasediments are concentrated in the Lac Guéret Member above the Sokoman Fm iron deposits. Graphite also occurs in minor amounts in the adjoining Sokoman Fm near the contact, but most of the potentially economic graphite lies within the Member. This relationship is common in the district with examples at Lac Knife (QC) and the Mart Lake graphite showing at the Kami iron deposit (Labrador City, NL). Graphite formed as beds within clastic sedimentary basinal deposition under anoxic conditions that preserved the organic carbon and precipitated primary sulphides, mainly pyrrhotite, which is intimately intermixed with the graphite. Sulphides are limited to this depositional regime and do not occur in the host rocks outside of the graphite deposits. Upper amphibolite (kyanite facies) metamorphism affected all the rocks.

The conformation of the formations, including the graphite and iron oxide deposits, was modified by upward of five periods of Grenville-related deformations. The second and third events most strongly control the placement of the deposits into belts aligned northeast and dipping moderately to steeply southeast. Gentle cross-folding created interference fold patterns that

affected the foliation dips. The deposits are essentially foliation-parallel. Late extension caused local recrystallization of host rocks, but with no significant remobilization of minerals. At this time, pyrite was formed from some of the original pyrrhotite.

The regional geology is shown in compilation maps (Figure 7-1) and the regional stratigraphy is shown in Table 7-1 (from youngest to oldest).

CENOZOIC		
Quaternary		
Q	Pleistocene glacial deposits, unconsolidated	
MESOZOIC		
Triassic		
Mcc	Manicouagan impact crater complex (monzonite, latite, breccia)	
MIDDLE PROTEROZOIC		
G16	Shabogamo mafic intrusives	
G15	Monzonite – granodiorite intrusives (? klippes)	
G14	Gabbro (nappe – klippes?)	
PALEOPROTEROZOIC – ARCHEAN		
Gagnon Group		
HBG_GN	Hornblende-garnet gneiss – basalt sill-dyke complex coeval with Menihek Fm (small scale)	
G12	Menihek Fm. (quartzofeldspathic gneiss) also called Upper Paragneiss (Clarke, 1977)	
G12a	Lac Guéret Member (informal) of Menihek Fm (graphite-quartz schist and graphite-quartz-feldspar-biotite-(garnet) gneiss)	
	---------- diachronous contact ----------	
G11a	Sokoman Fm. non-Fe oxide member (quartzite-rich sediments)	
G11	Sokoman Fm. (iron formation)	Age 1885 – 1878 Ma
	---------- unconformity ----------	
G9	Denault Fm. (dolomitic marble with calcsilicates + quartz)	Age < 2060 Ma
	---------- unconformity ----------	
G8	Katsao Fm. (granite gneiss, minor amphibolite)	Age 2170 - 2140 Ma

Table 7-1 - Regional stratigraphy

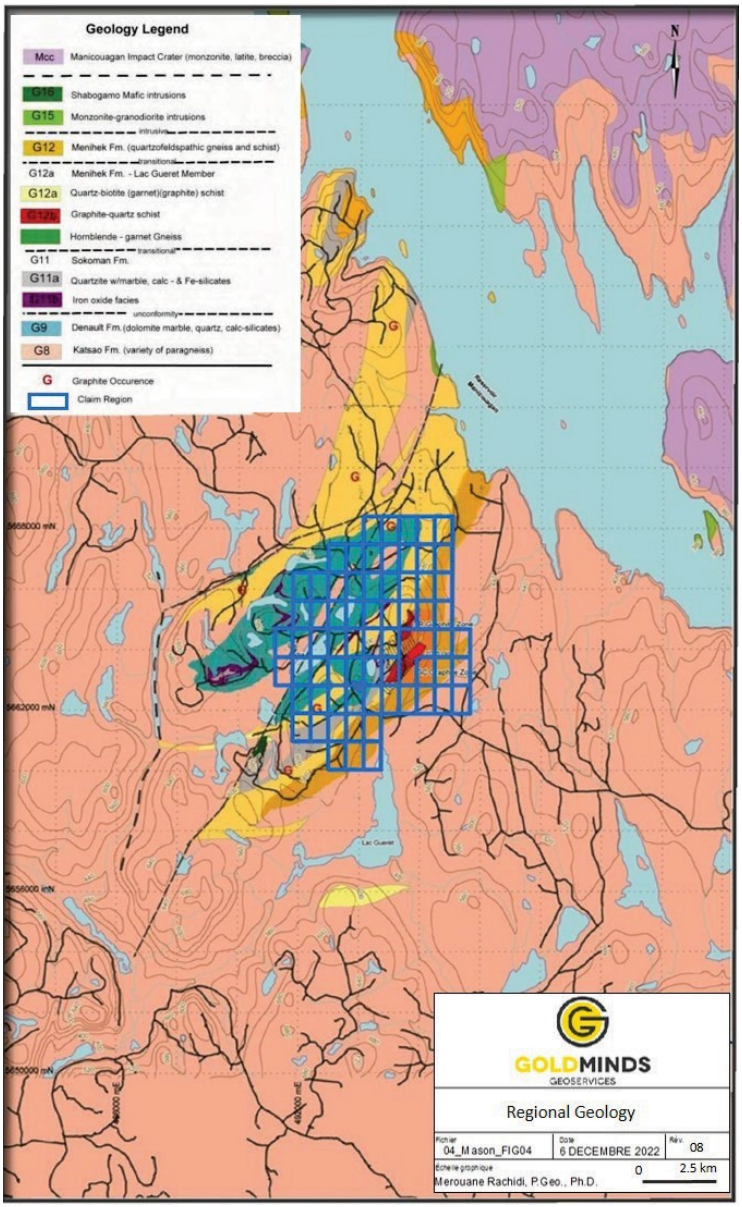


Figure 7-1 – Mason Graphite simplified regional geology map

Deposit and Mineralization

Crystalline flake graphite mineralization has been the focus of exploration by Mason Graphite on the Uatnan Mining Property.

Crystalline flake graphite deposits are usually sedimentary in origin. They occur when carbon-rich organic material, accumulated during sedimentation, is transformed into graphitic carbon crystals, or flakes, during metamorphism. This process is due to the burial of the sediments which are eventually subject to high heat and temperatures in the earth's crust. Crystalline graphite deposits are commonly stratabound and hosted by porphyroblastic and granoblastic paragneiss, or pelitic gneiss, marbles, and quartzites (Harben and Kuzvart, 1996). Alumina-rich paragneiss and marble units in upper amphibolite or granulite grade metamorphic terranes are the most favourable host rocks. When present, flake graphite usually occurs in thin, centimetres to metre wide bands. In favourable conditions, wider coalescing bands in fold crests can provide sufficient volume needed for an economic deposit.

Graphite of Unit 1 (5-10% Cg) and Unit 2 (10-25% Cg) forms fine to coarse crystal flakes (<0.01 to >4 mm diameter) in quartz and quartzofeldspathic gneiss and schist. The in situ organic material was concentrated during late- or post-Labrador Trough deposition and recrystallized during the Grenville orogeny. It does not appear to have been enriched by tectonics or hydrothermal remobilization.

Unit 3 (+25% Cg) is characterized by a distinct pattern in flake distribution. The tendency is for clasts or non-re-crystallized centres of the original very fine to amorphous pre-metamorphic graphite schist to be enveloped by recrystallized very coarse (2 mm to 8 mm length) and pure graphite flakes as a result of ductile brecciation. This texture is more easily seen in outcrop than on core surfaces. The coarse flake graphite visually forms 7-12% of the total rock. For the purpose of resource estimation, units 1 and 2 were merged together and Unit 3 was kept differentiated at +25% Cg.

The grade limits used in the report are based on the statistical distribution of carbon presented in a study by Denis Marcotte, which suggests that the deposit comprises three distinct populations with threshold values of 5%, 10%, and 24.5% (Marcotte, 2013).

The depth of the mineralization is uncertain, and the deepest mineralized zone of the Uatnan Mining Project is reached by the hole LG 455 (Z = 220 m). It seems that the folded graphite bands are constrained within a broad inclined envelope.

Optical observations under reflected light microscopy show that the Uatnan Mining Property samples contain four types of graphite:

- Type 1: Graphite as flakes of varying sizes, automorphic, often elongated and sometimes associated with sulphides;
- Type 2: Graphite as imbricated flakes, intimately associated with sulphides;
- Type 3: Graphite with no regular form, sometimes associated with sulphides;
- Type 4: Graphite of **µm** form in inclusions within the mineral gangue associated with sulphides (pyrite and pyrrhotite)

Figure 7-6 – Graphite observed under optical reflected light microscopy

For more details regarding the geological setting, mineralization and deposit types of the Uatnan Mining Property, refer to chapters 7 and 8 of the Uatnan Mining Project Report.

Exploration

Québec Cartier conducted their major work in 1962 (Ferreira 1962a, 1962b). Baselines were cut on three grids-cutting with lines turned at 300 ft intervals for a total of 61 miles (98.5 km). Geological mapping and dip-needle magnetometer surveys were carried out at 1:2,400 scale on the grids. Six inclined AX-size diamond drillholes were drilled for a total of 2,301 ft (701.3 m). Most of the footage (1,820 ft or 554.7 m) was drilled in five holes around “Iron” and “Barrage” Lakes. Québec Cartier reported a global average of all samples at 36% Fe. The individual samples range from 12.9% to 40.5% Fe mainly in magnetite and lesser specular hematite iron oxide facies formation. Intervals range from 138 ft (42.1 m) to 420 ft (128.0 m). No further work appears to have been done after 1962.

Following the discovery of graphite at the GR Zone showing on a logging road by Phil Boudrias of Sept-Îles, QC in 2001, Quinto optioned a block of claims that forms the core of the present Uatnan Property from Exploration Esbec (Sept-Îles, QC) in 2002 and added claims on its own account to cover the favourable stratigraphy around the iron formation as well as the iron formation core itself.

After the initial Property evaluation in 2002 by Lyons, the majority of the exploration work was focused on the known graphite occurrences. In 2003, the first drilling campaign in that area totalling 1,206.9 m was completed. Exploration drilling was also done on selected targets by Quinto’s JV partner at the time, SOQUEM on distant targets on the Property in order

to assess other anomalies and meet assessment work requirements. It was then followed in 2004 and 2005 by an exploration program targeted at airborne geophysical anomalies and other graphite occurrences as well as by extensive clearing and trenching, channel sampling, and detailed mapping of the GC Zone by Lyons in order to better understand the geology of the known deposit.

The 2006 exploration program included trenching two trenches northeast of TR68, named TR69 and TR70, and a diamond drill program of 24 NQ holes totalling 2,152.1 m. Three holes totalling 235.8 m were also drilled in the graphite stratigraphy outside of the GC-GR area for assessment purposes but are not discussed herein. The trenches were channel sampled using a concrete saw, but the original record of results appear not to have been completely transferred to Mason Graphite after Quinto was purchased by Cliffs Natural Resources in 2011. These included the number of samples, where they were taken and the analytical results. Lyons authored the NI 43- 101 reports for the 2002, 2003, and 2004 exploration works for Quinto, which included almost all the channel sampling. Lyons observed the trenches in May 2007 and noted that they extended the TR68 geology to the NE some 80 m.

All exploration works from 2012 onwards has only been drilling as described in the following section entitled “Drilling”.

For more details regarding the exploration of the Uatnan Mining Property, refer to chapters 6 and 10 of the Uatnan Mining Project Report.

Drilling

The 2012 drilling campaign conducted by Mason Graphite had a total of 163 drillholes, with 146 drillholes over the GC zone totalling 24,346.3 m and 17 drilled over the GR zone totalling 2,201.1 m. Drillholes length varied from 101 m to 303 m. The resulting 16,923 samples were analyzed by AGAT.

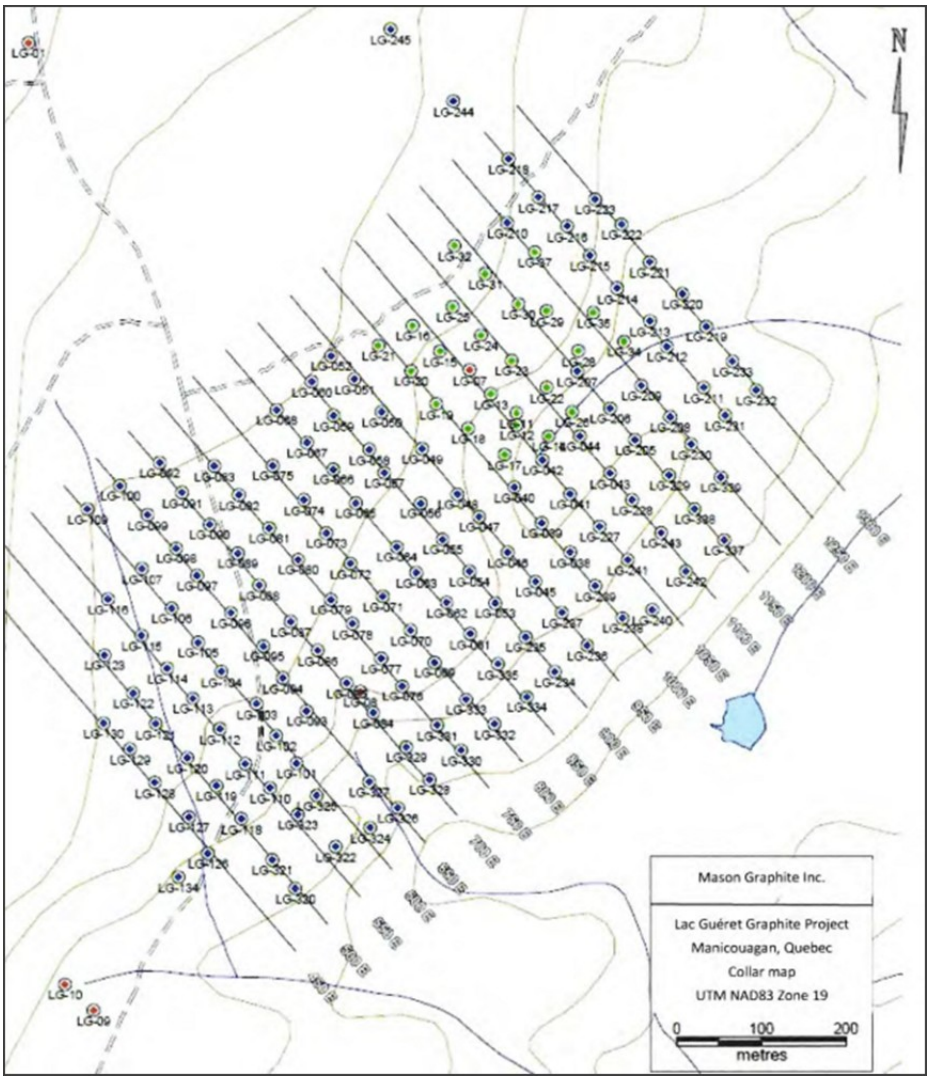


Figure 10-1 – Hole collars drilled between 2003 and 2012

The 2013-2014 drilling campaign conducted by Mason Graphite over the GC Zone consisted of 86 drillholes totalling 13,418 m. A total of 7,567 samples were analyzed by AGAT Laboratories ("**AGAT**") and some samples were analyzed by COREM Labs ("**COREM**") for external control.

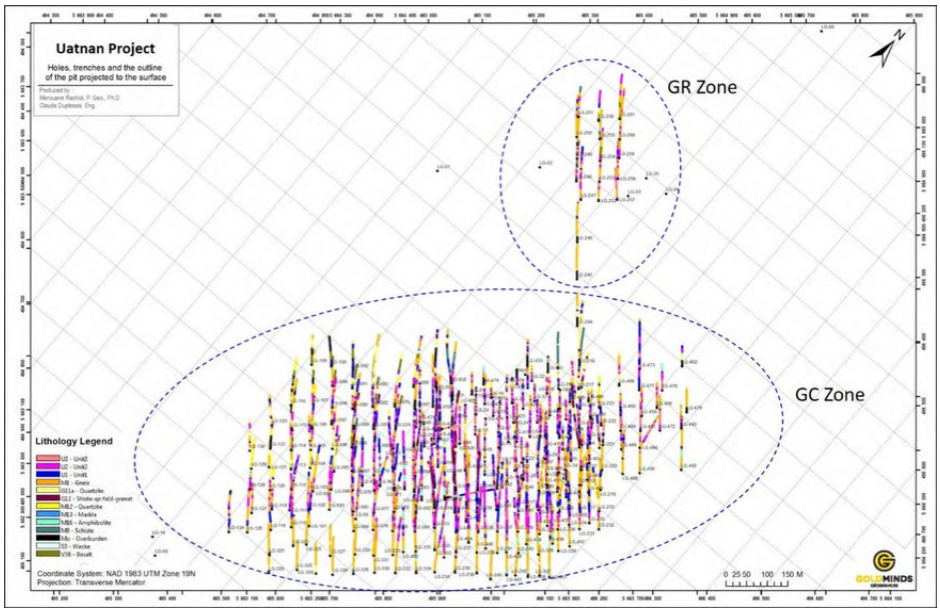


Figure 10-2 – Drillhole collars (2003 to 2014) on the GC and GR Zones

A total of 24 holes were drilled in the GR zone totalling 3083.6 m and not included in the Mineral Resource estimate of the Lac Guéret deposit. The average depth of the drillholes was 128.5 m, with a maximum depth of 210 m. A total of 1964 samples were assayed.

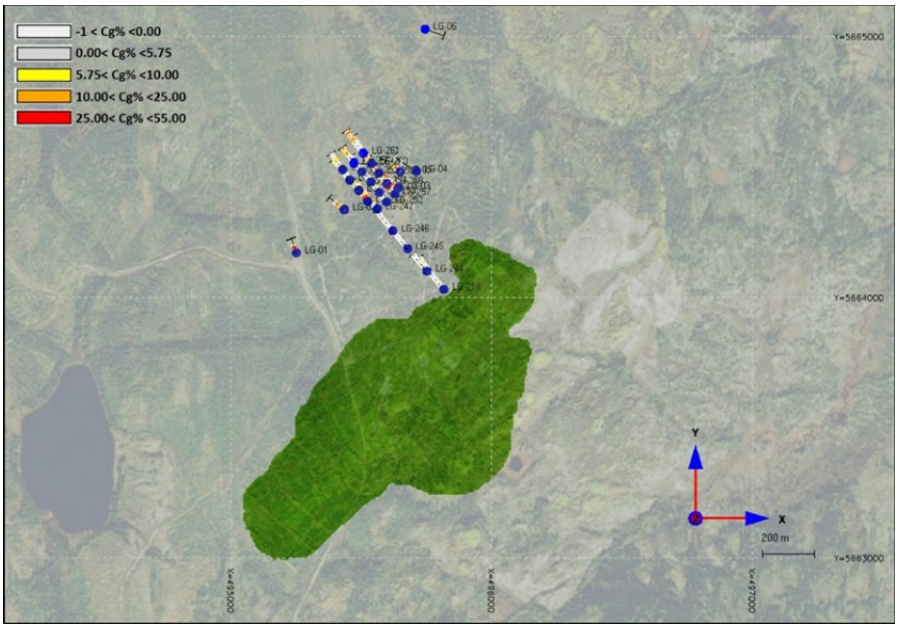


Figure 10-3 – 2013 Exploration drilling outside the GR Zones

Mason Graphite commissioned Groupe Qualitas Inc. ("**Qualitas**") to conduct a geotechnical investigation campaign to collect geological and geomechanical data for the adequate designing and construction of an open pit mine, and to conduct a preliminary investigation for the projected storage areas, crusher and silo locations detailed in the 2018 Feasibility Study Technical Report.

A total of 11 boreholes were drilled. Nine boreholes along the open pit area were drilled to provide geomechanical information for design and engineering purpose of the open pit. Two boreholes were drilled to provide geotechnical information on the overburden and surface bedrock.

For more details regarding the drilling of the Uatnan Mining Property, refer to chapter 10 of the Uatnan Mining Project Report.

Sampling, Analysis, and Data Verification

Sample preparation and analysis

Samples (including duplicate, reference, and blank samples) were taken for a total of 43,324 m (including 987 m of trenches) and sent to the laboratory for analysis. These numbers include 2003, 2006, 2012 and 2013/2014 drill campaigns.

Drilling collar coordinates of each drillhole are reported as x,y,z values in UTM NAD 83 Z19. Drill samples were initially taken as 2 to 3-m lengths within homogeneous rocks for a few drillholes. Afterwards the

sample length was generally of 1.5 m. The sample lengths were also defined by abrupt changes in geology and visual graphite grades.

Sample FROM-TO intervals were defined using wax pencils on drill cores by the geologists. Sample booklets were filled using the measured FROM-TO sample definition. Paper sample tags with three identification parts were used; Part 1 stayed in the booklet, Part 2 was placed in the sample bag for the lab, and Part 3 was stapled in the core box at the beginning of each sample.

Technicians would then cut the drill cores with an electrical diamond saw in half along the drill core axis and perpendicular to the mineral banding. One half was left in the box and the other half was put in a plastic bag with the sample tag inside the bag. The sample number was also marked with a permanent black marker on the plastic bag.

A technician filled a chain of custody ("**COC**") form given by AGAT to describe the sample batch, including the FROM-TO, sample numbers, the total number of samples to be analyzed and the type of analysis to be performed. A geologist would then verify that this form is correctly filled by comparing with the physical sample number and the number of samples to be sent.

Approximately five samples were grouped in a larger rice bag. Normally, samples for a full drillhole were sent as a group at the lab and would correspond to a laboratory batch. The bags were organized on pallets.

The pallets were placed in a Mason Graphite truck. Mason Graphite personnel brought the pallets to the Groupe Guilbault warehouse in Baie-Comeau. The pallets were transported by Manitoulin Trucking Company to AGAT in Sudbury, Ontario.

Before storing the drill core boxes in steel core racks, the core boxes were labelled with metal tags describing drillhole number, box number and length FROM-TO.

The samples were transported by Manitoulin Trucking Company to AGAT in Sudbury, Ontario.

The samples were prepared as follows:

- Drill core samples weight were recorded as received;
- Samples were dried at 60 °C;
- Drill core samples were crushed and split to give a 250 g split sample;
- Split samples were pulverized to 75% passing through 200 mesh.

Total Carbon Analysis:

- All the operations involved for the total carbon analyses were performed directly at the instrument. The original analyses were performed on a LECO model CHSDR 600. The total carbon re-assays were performed on a LECO model CS 844 (induction furnace - which was used originally for the graphite analyses);
- 0.2 g of pulp samples or less (if necessary, when carbon content is too high, and samples saturate the equipment) were placed in LECO crucibles;
- Crucibles with samples were put in a LECO furnace at 1,350° for 90 to 360 seconds (until all the carbon has been oxidized);
- Ct results were measured and reported in percent (%).

Graphitic Carbon Analysis:

- The operations for graphite analyses were performed at three different stations: weighing, digestion, analysis. The re-assays were performed on a LECO model SC 432. The first analyses were performed on the CS 844;
- Around 0.25 g of pulp samples were placed in porcelain crucibles;
- 5 ml of 50 % HCl is added to the pulp sample in the porcelain crucible;
- Crucibles were put on a hot plate (at approx. 100°C) for approximately 10 minutes;
- Samples were filtered using a fibreglass filter (1 micron openings) and rinsed with 50% HCl and then water (initial analyses performed in 2012 did not use filters);
- Samples with filters were put in boat crucibles and then on a hot plate for drying;
- Boat crucibles with samples were put in a LECO furnace at 1,350° for 90 to 360 seconds (until all the Carbon has been oxidized);
- Cg results were measured and reported in percent (%).

Specific gravity measurements by gas pycnometry were also taken every five samples for a total of some 3,478 analyses performed.

Quality Assurance and Quality Control ("**QA/QC**") samples were inserted along the sample definition of the drill core. Generally, for each sample number ending with a 10, a duplicate sample was inserted, for each sample number ending with 35 and 85, a standard sample was inserted and for each sample number ending with 60, a blank sample was inserted.

Data verification

Geotic Log software was used to create individual log databases. Geology, sampling, coordinates, and geotechnical data were entered in individual Geotic log database tables by the geologist logging a specific drillhole.

During the 2012 drill campaign, field verifications were being done on a hole-by-hole basis. In accordance with the National Instrument 43-101 guidelines, Claude Duplessis Eng., has visited the Uatnan Mining Property on August 2, 2016, accompanied by Jean L'Heureux, Eng. A second site visit to the Property done on September 29, 2022, by Duplessis Eng., accompanied by Antoine Cloutier P.Geo of NMG.

In accordance with the NI 43-101 guidelines, Claude Duplessis Eng., has visited the Uatnan Mining Property on August 2, 2016, accompanied by Jean L'Heureux, Eng. A second site visit to the Uatnan Mining Property done on September 29, 2022, by Duplessis Eng., accompanied by Antoine Cloutier P.Geo of the Corporation.

The purpose of the site visit was to ascertain the geological setting of the Uatnan Mining Project, exploration works, and database verification.

Mason Graphite commissioned GMG to prepare an independent sampling program for the Uatnan Mining Property.

For the purpose of this program, three diamond drillholes ("**DDH**") LG-19, LG-207 and LG-422 were selected to represent the three main diamond drill campaigns which occurred on the GC deposit in 2003, 2012 and 2014. Fourteen core boxes containing the remaining half cores of selected sections from these DDH were prepared and sent directly from Mason Graphite's core shack by their geologist, Yves Caron, P.Geo., and received in Québec City by GMG on October 31, 2014. Forty-seven samples (including blanks and standards) were prepared at the GMG office in Québec and then sent to the Accurassay Laboratories ("**Accurassay**") for analyses.

After samples reception and registration, the samples were crushed (size between 0 and 2 mm), pulverized and split in two pulps (Pulp 1 and Pulp 2). All the Pulp 1 samples (47 samples) and half of the Pulp 2 samples (19 samples) were analyzed. Eight duplicate samples of the Pulp 1 were also analyzed for the QA/QC program. Samples were analyzed for total sulphur by LECO (ALTS1), total carbon by LECO (ALTC1), major element concentrations by XRF (ALXRF1), and graphitic carbon by LECO (Cg).

Two standards were used for the QA/QC program; STD I correspond to the standard with low graphitic carbon concentration (Cg between 7.96% and 8.05%); STD II corresponds to the standard with high graphitic carbon concentration (Cg between 23.6% and 24.5%).

The graphitic carbon values of Pulp 1 and Pulp 2 are similar with a maximum difference of 1.9% for sample 4132 (Figure 12-4). This correlation may indicate a good sample preparation method (riffle splitting method) of the Accurassay laboratory.

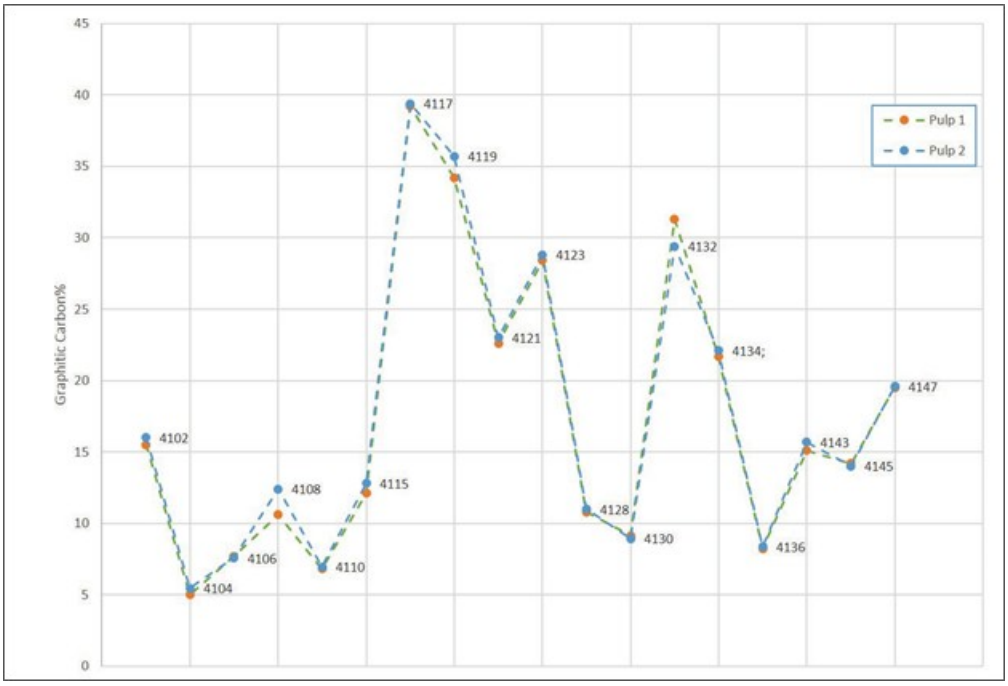


Figure 12-4 – Graphitic carbon % values of Pulp 1 versus Pulp2

A recent field visit was carried out by Claude Duplessis, Eng., and Antoine Cloutier, P.Geo., on September 29, 2022 on the Uatnan Mining Property. Claude Duplessis, Eng., Senior Engineer, a QP as defined by the NI 43-101 took some independent samples (the ¼ core samples) from four drillholes (Figure 12-10). A total of 13 core samples (Figure 12-11) and three surface samples from large blasted mineralized blocks presumed to be from the U1, U2 and U3 bulk sample sites were sent for analysis at ALS in Val-d'Or.

For more details regarding the sampling, analysis and data verification of the Uatnan Mining Property, refer to chapters 11 and 12 of the Uatnan Mining Project Report.

Mineral Processing and Metallurgical Testing

In the preliminary economic assessment issued in 2013 (the "**2013 PEA**"), a metallurgical testwork program was conducted using samples from four channels taken from rocky outcrops. The testwork concluded that the Lac Guéret deposit ore can be concentrated successfully without complex processing and the addition of polishing/attrition and cleaning stages ensures the final concentrate grade is maximized. Table 13-1 shows the saleable concentrate split into four size fractions +50, +80, +150 and -150 mesh, with an average blended concentrate grade of 93.7%.

Table 13-1 - Preliminary testwork results

Concentrate Particle Size	Weight (%)	Assay (% Ct)	Distribution (% Ct)
+50 mesh	18.6	96.9	19.0
-50 to +80 mesh	14.1	96.2	14.4
-80 to +150 mesh	13.1	96.2	13.3
-150 mesh	54.2	91.7	53.3
Total Concentrate	**100.0**	**93.7**	**100.0**

In the years that followed, several testwork programs were undertaken including both comminution and concentration tests on a variety of different samples.

Ore Unit Definition

The Lac Guéret mineralized material samples used for testwork was categorized into three units (U1, U2 and U3) according to the average graphitic carbon grade throughout the mineralized material's body. The range in grades of each unit is presented in Table 13-2.

Table 13-2 - Mineralized material units definition

Graphitic Unit	Graphite Grade (Cg)
U1	5% < Cg < 10%
U2	10% < Cg < 25%
U3	Cg > 25%

In the years that followed, several testwork programs were undertaken including both comminution and concentration tests on a variety of different samples.

The Lac Guéret ore samples used for testwork was categorized into three units (U1, U2 and U3) according to the average graphitic carbon grade throughout the ore body. The range in grades of each unit is presented in Table 13-2.

Table 13-2 - Ore units definition

Ore Unit	Graphite Grade
U1	5% < Cg < 10%
U2	10% < Cg < 25%
U3	Cg > 25%

Sample Locations

The samples used for comminution and pilot-scale concentration testwork were from two bulk samples resulting from surface blasts in July 2014. Variability samples were also collected from four drillholes for additional comminution testing. Bench-scale concentration tests were performed on two-channel samples from Uatnan Mining Project Report batch materials as well as on three variability samples collected from nine drillholes. A detailed description of sample location, sample preparation and ore unit definition are presented in the 2018 Feasibility Study Technical Report.

Comminution

Comminution tests on the Lac Guéret material included JK Drop Weight tests ("**DWT**"), SAG Mill Comminution "SMC" tests, SAG design tests, Rod and Ball mill grindability tests, as well as abrasion tests.

The conclusion from the comminution testwork was that the Lac Guéret ore is soft in macro (impact) grinding, and generally soft in micro (attrition) grinding, with the exception of samples in ore unit U3 which were classified medium to very hard. All samples were characterized as mildly abrasive.

Concentration

Concentration testwork was performed on the PEA channel samples to test the repeatability of the PEA flowsheet and variability between mineralized units. Results revealed that previous performances were not exactly reproduced. The variability was attributed to the weathering of the samples over time. Additionally, it was determined that there is no interaction between mineralised units when treated together, meaning the results obtained were a weighted average of the individual sample results.

Several flotation technologies were tested during the FS concentration testwork, and the conclusion reached was that regular flotation (cell and column) yielded the best graphite grade and recovery. High concentrate grades were achieved, ranging from 92 to 98% carbon in individual size fractions with over 92% overall carbon recovery.

Material Aging

The impact of aging or weathering was tested by comparing samples that were exposed to air and sprayed for varying periods of time prior to being processed. After approximately eight weeks of aging, carbon recovery was reduced at the scavenger phase of processing.

Pilot Scale Testwork

Pilot scale testwork results confirmed that the use of three or four stages of polishing and cleaning are sufficient to maximize both graphite grade and recovery when maximizing the final concentrate flake size is required. Prolonged aging or weathering of the ore before processing has been proven to have an impact on the graphite recovery.

PEA Mass Balance

While no new testwork was undertaken for the current study, the majority of the process design criteria was based on the available data and any changes to the flowsheet were considered to be a reasonable extrapolation of the previously observed metallurgical response. The metallurgical balance used for the Uatnan Mining Project Report is presented in Table 1-1.

Table 1-1 – Metallurgical balance used for PEA

Stream	Weight Recovery (%)	Carbon Recovery (%)	Carbon Grade (%)
Feed	100.0	100	17.1
Combined concentrate	**15.4**	**85**	**94.2**
Tailings	84.6	15	3.1

PEA Metallurgical Balance

While no new testwork was undertaken for the current study, the majority of the process design criteria was based on the available data and any changes to the flowsheet were considered to be a reasonable extrapolation of the previously observed metallurgical response. The metallurgical balance used for the Uatnan Mining Project Report is presented in Table 1-1.

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Feed	100.0	100	17.1
Combined concentrate	**15.4**	**85**	**94.2**
Tailings	84.6	15	3.1

For more details regarding the mineral processing and metallurgical testing of the Uatnan Mining Property, refer to chapter 13 of the Uatnan Mining Project Report.

Mineral Resource and Mineral Reserve Estimates

Mineral Resource Estimate

The graphite mineralization at Uatnan Mining Property is extensive in terms of size and grade. There is a significant amount of resources and the graphite mineralization extends to the northeast as well as to the southeast around the iron formation anticlinorium core and at depth.

Mineral Resource Estimates for the Uatnan Mining Project Report are based on the Mason Graphite drilling campaigns (2012, 2013/2014) and Quinto exploration data (2003 and 2006 drilling campaigns) using a cut-off grade ("**COG**") of 5.75% Cg. The pit optimization was designed using the same block model used for the Mineral Resource Update issued on November 9, 2015, and updated with more recent parameters (See Table 1-3).

The interpretation of the mineralized zones is mainly based on the percentage of carbon graphite and follows structural tendencies of the deposit. The current Measured and Indicated Mineral Pit-constrained Resources are 65.6 million tonnes at 17.2% Cg (See Table 1-2 below).

Mineral Reserves and Mineral Resources are as defined by CIM Definition Standards on Mineral Resources and Mineral Reserves. Mineral Resources, which are not Mineral Reserves, do not have demonstrated economic viability.

Table 1-2 - Current Mineral Resources Estimate for Uatnan Project

In pit constrained Mineral Resources	Density	Tonnes (Mt)	Grade (% Cg)	Cg (Mt)
Measured 5.75% < Cg < 25%	2.9	15.65	15.2	2.38
Measured Cg > 25%	2.9	3.35	30.6	1.02
Total Measured	**2.9**	**19.02**	**17.9**	**3.40**
Indicated 5.75% < Cg < 25%	2.9	40.29	14.6	5.89
Indicated Cg > 25%	2.9	6.33	31.6	2.00
Total Indicated	**2.9**	**46.62**	**16.9**	**7.89**
Indicated + Measured 5.75% < Cg < 25%	2.9	55.94	14.8	8.27
Indicated + Measured Cg > 25%	2.9	9.70	31.2	3.03
Total Measured + Indicated	**2.9**	**65.64**	**17.2**	**11.30**
Inferred 5.75% < Cg < 25%	*2.9*	*15.35*	*14.9*	*2.28*
Inferred Cg > 25%	*2.9*	*2.47*	*31.8*	*0.79*
Total Inferred	***2.9***	***17.82***	***17.2***	***3.07***

Notes:

1. The Mineral Resources provided in this table were estimated by M. Rachidi P.Geo., and C. Duplessis, P.Eng. (QP's) of GMG., using current Canadian Institute of Mining, Metallurgy and Petroleum ("CIM") Standards on Mineral Resources and Reserves, Definitions and Guidelines.

2. Mineral Resources, which are not Mineral Reserves, do not have demonstrated economic viability. The estimate of Mineral Resources may be materially affected by environmental, permitting, legal, title, market or other relevant issues. The quantity and grade of reported Inferred Resources are uncertain in nature and there has not been sufficient work to define these Inferred Mineral Resources as Indicated or Measured Resources. There is no certainty that any part of a Mineral Resource will ever be converted into reserves.
3. The Mineral Resources presented here were estimated with a block size of 3mE x 3mN x 3mZ. The blocks were interpolated from equal length composites (3 m) calculated from the mineralized intervals.
4. The mineral estimation was completed using the inverse distance to the square methodology utilizing three runs. For run 1, the number of composites was limited to ten with a maximum of two composites from the same drillhole. For runs two and three the number of composites was limited to ten with a maximum of one composite from the same drillhole.
5. The Measured Mineral Resources classified using a minimum of four drillholes. Indicated Resources classified using a minimum of two drillholes. The Inferred Mineral Resources were classified by a minimum of one drillholes.
6. Tonnage estimates are based on a fixed density of 2.9 t/m3.
7. A pit optimized using new parameters detailed in Table 14-9. The effective date of the current Mineral Resources is January 10, 2023.
8. Mineral Resources are stated at a cut-off grade of 5.75% Cg.

There has not been additional exploration on the mineralized zone since the last Mineral Resources Estimate. A pit optimization with new parameters (Table 1-3) using the same block model as previously used has been done by GMG.

Table 1-3 - The parameters used for the Mineral Resource pit optimization

Parameters	Unit	Value
Mining Cost Mineralized Material	$/t mined	4.00
Processing Cost	$/t milled	36.00
Tailing Management Cost	$/t milled	2.00
G&A Cost	$/t milled	5.00
Total Mineralized Material Based Cost	**$/t processed**	**43.00**
Mill Recovery	%	85.0%
Concentrate Grade	%	94.0%
Concentrate Price	CAD $/t	1500
Revenue Factor		1.00
Production Rate	Mtpy	3.4
Discount Rate	%	8%
Pit slope		50

There is a very small difference between the use of a cut-off grade of 5% Cg and 5.75% Cg. The table below shows the difference in terms of the pit constrained mineral resources.

Table 1-4 - Comparison of 2014, 2018 and 2022 Mineral Resources Estimates

Mineral Resources Estimates Lac Guéret	Mineral Resources Estimate updated, December 2014 by GMG (In Whittle 40 COG 5% Cg)		Mineral Resource Estimates November 2018 by GMG (In Pit COG 5.75% Cg)		Mineral Resource Estimates December 2022 by GMG (In Pit COG 5.75% Cg)	
	% Cg	Tonnes	% Cg	Tonnes	% Cg	Tonnes
Indicated	16.9	46,589,000	16.9	46,519,000	16.91	46,623,000
Measured	17.9	19,105,000	17.9	19,021,000	17.94	19,021,000
Meas + Indicated	17.2	65,693,000	17.2	65,540,000	17.21	65,644,000
Inferred	*17.2*	*17,651,000*	*17.3*	*17,613,000*	*17.22*	*17,820,000*

The graphite mineralization at Uatnan Mining Property is extensive in terms of size and grade. There is a significant amount of resources and the graphite mineralization extends to the northeast as well as to the southeast around the iron formation anticlinorium core and at depth.

Mineral Reserve Estimate

Since the Uatnan Mining Project Report summarizes the results of a "*preliminary economic assessment*", no Mineral Reserves have been estimated for the Uatnan Mining Project as per NI 43-101 guidelines.

For more details regarding the mineral resource and mineral reserve estimates of the Uatnan Mining Property, refer to chapters 14 and 15 of the Uatnan Mining Project Report.

Mining Operations

The mining method selected for the Uatnan Mining Project is a conventional open pit, truck and shovel, drill, and blast operation. Vegetation, topsoil, and overburden will be stripped and stockpiled for future reclamation use. The Mineral Resources and waste rock will be mined with 9 m high benches, drilled, blasted, and loaded into rigid frame haul trucks with backhoe excavators. The mine will be operated by an owner fleet, seven days per week, 24 hours per day and be comprised of a four-crew system working on a 2-week in, 2-week out rotation.

Since the Uatnan Mining Project is at a PEA level, a simplified ultimate pit surface was generated following the selected optimized pit shell as a guide and considering an overall pit slope of 50 degrees, which is presented in Figure 16-2. The pit

is approximately 1,500 m long and 750 m wide at surface, with a total surface area of the pit is roughly 65 ha. The deepest part of the pit is at the 214 m elevation which is 290 m below surface.

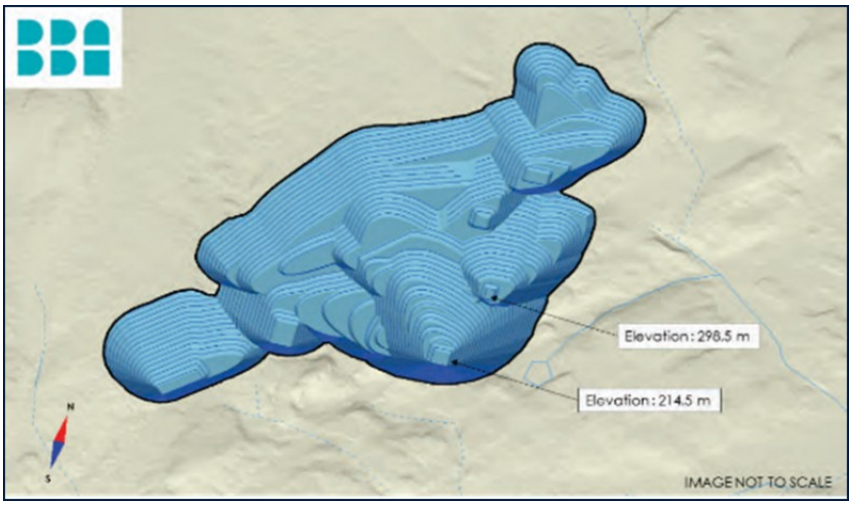


Figure 16-2 – Pit design

To minimize the environmental footprint of the Uatnan Mining Project and select a waste rock and tailings management strategy to enhance closure performance, waste rock will be hauled to a mine rock stockpiles ("**MRS**"). Waste rock will be hauled to the tailings storage facility ("**TSF**"), located to the northwest of the open pit and will be disposed with the tailings. Also, when possible, waste rock will be backfilled into the mined out open pit.

The subset of Mineral Resource contained with the open pit design considers a cut-off grade of 5.75% Cg and include 62.2 Mt of Measured and Indicated Resources at an average diluted grade of 17.3% Cg, and 14.2 Mt of Inferred Resources at an average diluted grade of 18.0% Cg. A total of 102.6 Mt of overburden and waste rock are included in the pit resulting in a strip ratio of 1.3.

The Uatnan Mining Project has a 24-year mine life plus a six-month period of pre-production development. The purpose of the pre-production period is for the mine to provide waste rock for construction material and to prepare the pit for mining operations. A total of 500 kt of material is planned to be mined during preproduction.

During the mining operation, the total material mined from the open pit peaks at 10.8 Mt during Years 15 to 17 and averages 7.6 Mtpy. The average diluted Cg grade ranges from 14.2% to 24.9%, and averages 22.4% during the first five years. The average concentrate production over the life of mine averages 503,000 tpy.

The fleet of mining equipment includes twelve articulated haul trucks with 60-tonne payloads, two hydraulic excavator, and four production drill.

To manage water that collects in the open pit, sumps will be developed on the pit floor as mining progresses, and a series of pumps will be used to pump the water to settling ponds located at surface. BBA has assumed that in general, a total five pumps should be adequate to serve the needs of the open pit.

The mine workforce requirements have been calculated to reach 193 during peak production. The mine operations team will work on a 4-crew system, to provide 24 hours per day year-round coverage. The mine management and technical team will work on a 2-week in, 2-week out rotation.

For more details regarding the mining operations of the Uatnan Mining Property, refer to chapter 16 of the Uatnan Mining Project Report.

Processing and Recovery Operations

Given that the target market for the Uatnan Mining Project concentrate is the battery market, the main focus of the flowsheet has shifted from preserving flake size to overall graphite recovery and grade. No additional testwork was performed since the 2018 NI 43-101 Technical Report Feasibility Study Update. However, the extensive historical metallurgical testwork was used to select the updated process flowsheet. Both mining and processing will take place at the Uatnan Mining Project site. The run of mine ("**ROM**") will be trucked from the mine to the crushing area where it will undergo a first-size reduction using a mineral sizer. The crushed material is stockpiled before being conveyed to the concentrator where the size is further reduced via primary grinding in a semi- autogenous ("**SAG**") mill and secondary grinding in a ball mill. Following comminution, the mineralised material is concentrated through rougher and scavenger flotation. The concentrates generated from rougher and scavenger flotation are polished and cleaned in two stages before reporting to the concentrate thickener. The thickened concentrate is pressure filtered and dried to produce a final graphite concentrate that is stored in a bulk silo and transported offsite. Any sulphur dioxide generated from the drying of the graphite concentrate will be captured in a wet scrubber where it will be neutralized with caustic soda. The flotation tailings are thickened in a tailings thickener before being pressure-filtered and subsequently trucked to the TSF for management with the MRS. Overflow water from the concentrate, tailings and process water thickeners reports to a process water tank.

A summary of the initial capital and sustaining capital costs ("**CAPEX**") for the Project are presented in Table 25-2 below.

Infrastructure, Permitting, and Compliance Activities

Project Infrastructure

The Uatnan Mining Property is located in a remote location (285 km from Baie-Comeau, the nearest city) and does not have access to public services, requiring it to be autonomous. A mining camp with a capacity for 360 workers will be built next to the Lac Des Torchons, less than 3 km from the mine site.

Access roads to the deposit already exist but will have to be improved for the final 85 km to support industrial use.

The concentrator has been located to be near the deposit to minimize transport between the mine and processing facilities. The electrical needs of the project will be sourced from the Manic-5 hydroelectric power station, located 70 km away.

A two-door garage at the mine site will be used for maintenance on the mining equipment.

The main industrial installations will comprise an ore storage area with a crusher, concentrator buildings (wet and dry areas).

An office building will house the administrative offices, the lunchroom and the changing room.

A tailings filtration plant will be built to manage the tailings. They will be thickened then filtered to finally be trucked to a TSF. The bottom of the TSF will be lined to collect seepage water. Contact water will be collected in a collection basin for recycling to the plant or to be treated before being released to the environment.

Status of Permits

The Lac Guéret Project received a ministerial decree in 2018 from the Québec Government. From 2018 to 2020, Mason Graphite received some permits and leases which are presented in Table 20-1. Permits expired are not listed in the table.

Table 20-1 - Lists of permits for Baie-Comeau and Lac Guéret

Description	Authority	Issued
Ministerial Decree 608-2018	Québec Government	May 16, 2018
Closure Plan advanced exploration : *Plan de restauration approuvé pour exploration avancée– Baie-Comeau*	*Ressources naturelles et énergie*	November 7, 2018
Authorization : *Certificat d'autorisation 7610-09-01-0595903-401754899 Travaux de déboisement au site minier du lac Guéret*	MELCC Art. 22	November 14, 2018
Authorization : *Certificat d'autorisation 7610-09-01-0611201-401812870 Aménagement d'une carrière au site du lac Guéret*	MELCC Art. 22	May 31, 2019
Authorization *: Autorisation ministérielle 7610-09-01-0596403-401814744 Travaux préparatoires sur le site du concentrateur – Phase 1*	MELCC Art. 22	June 6, 2019
Authorization : *Autorisation ministérielle 7610-09-01-9690201-401816146 Équipements de traitement – Eau potable et eaux usées campement industriel – Lac Galette*	MELCC Art. 22	September 13, 2019
Authorization : *Autorisation ministérielle 7610-09-01-0593405-401905615 Construction de la réserve d'eau brute et de l'aire d'entreposage du minerai brut*	MELCC Art. 22	March 11, 2020
Authorization : *Autorisation ministérielle 7610-09-01-0593406-401907986 Traitement des eaux – site du concentrateur, Parc industriel Jean-Noël Tessier, Baie-Comeau*	MELCC Art. 22	March 25, 2020

Environmental Studies

The former Lac Guéret Project was granted a decree in 2018 from the Government of Québec. Although, the Uatnan Mining Project will request a modification of the actual decree or a new one. Baseline studies (Hatch, 2015) will have to be updated based on the new study area to identify any environmental issues like protected areas, species at risk, waterbodies, fish habitats, biophysical environment etc. The results of those studies will have to be considered to identify project alternatives.

After having a decree, licenses and authorizations from various governmental authorities such as the MELCC will be needed to build and operate the mine.

Geochemical testing carried out on the Mason Graphite project tailings and mine rocks shows that the tailings and waste rock are potentially acid generating ("**PAG**"). Geochemical characterization results will be included in the next engineering

phase to select appropriate tailings and waste rock management methods that will limit sulphide oxidation during the years of operation and at closure.

Through design and operation choices, the Corporation is planning to adopt high standards for tailings and waste rocks management, optimize mining infrastructures through progressive backfill of the proposed open pit, progressively rehabilitate the site, develop a transition to electrify the mining fleet and maintain the Corporation's carbon neutrality status.

Social Studies

From the outset of the exploration stage, Mason Graphite developed a consultation plan and met with stakeholders on-site. The objectives of the consultation plan were to identify any concerns, expectations, and/or reactions from the affected communities, and reflect those in the Uatnan Mining Project development. Between 2012 and 2015, several meetings and public consultation activities took place with governmental, social, environmental, and local economic development actors and groups, along with the Innu First Nation of Pessamit, as the Uatnan Mining Project is located on Nitassinan Territory (Hatch, 2015).

In 2017, the Innu Council of Pessamit and Mason Graphite signed the Mushalakan agreement, an impact and benefit agreement that outlined the mutual desire to work closely together and ensure the Lac Guéret Project would result in benefits for both parties.

Through visits and series of meetings in the Baie-Comeau region and Pessamit community, the Corporation gathered feedback from local organizations and leaders who were initially involved in the Lac Guéret Project, established a dialogue as the new forecasted operator of the Uatnan Mining Project, and informed stakeholders of the next steps in the Uatnan Mining Project development.

For more details regarding the infrastructure, permitting and compliance activities of the Uatnan Mining Property, refer to chapters 18 and 20 of the Uatnan Mining Project Report.

Capital and Operating Costs

The Uatnan Mine Project is a greenfield mining and processing facility with average yearly mill feed throughput capacity of 3,400,000 t and a target production of approximately 500,000 tpy of graphite concentrate.

Capital Costs Summary

The Capex covers the development of the mine, processing facilities, and infrastructure required for the Uatnan Mine Project. It is based on the application of standard costing methods of achieving a PEA which provides a level of accuracy ranging between -30% and +50%. The operating costs covers mining, processing, concentrate haulage, tailings and water management, general and administration fees, as well as infrastructure and services.

A summary of the initial Capex for the Uatnan Mining Project is presented in Table 25-2 below.

Table 25-2 - Summary of capital cost estimate

Sector	Cost ($M)
Direct Costs	
▪ Mining	61
▪ Site infrastructure	55
▪ Offsite Infrastructure	184
▪ Water treatment and tailings	118
▪ Ore crushing and process plant	548
Indirect Costs (40%)	319
Contingency (25%)	279
TOTAL CAPEX	**1,564**
Initial CAPEX	1,417
Sustaining CAPEX	147

Sustaining CAPEX is the amount required to periodically invest in the operations phase to maintain the functionality of the mining and processing operations. For this Project, the sustaining capital estimated at $147M is mainly related to the haul truck fleet replacement, the co-disposal system and water management.

Operating Costs Estimate

The operating costs ("**OPEX**") over the Uatnan Mining Project life are estimated at $3,236M for an average of $268/t of concentrate. Operating costs are made up from the following costs: mining and tailings, Processing, Water Management, General and Administration ("**G&A**").

A summary of these costs is presented in Table 25-3.

Table 25-3 - Operating costs summary

Description	LOM Opex Cost (M$)	Cost per tonne ($/t concentrate) (1)	Fraction of Cost (%)
Mining and tailing (average over life)	917	76	28
Ore Processing	1,620	134	50
Water Management	134	11	4
General and Administration	565	47	18
Total OPEX	**3,236**	**268**	**100**

Note

(1) The costs presented are calculated based on LOM production of 12,072,770 t of concentrate.

Economic Analysis

The results of the study confirm that the Project is economically viable with an after-tax IRR of 25.9% and an 8% discount rate NPV of $2,173M based on current pricing projections for flake concentrate. The complete results of the economic analysis, before and after tax are presented in Table 25-4 below.

Table 25-4 - Results of the economic analysis of the Uatnan Project

Economic Indicator	Pre-Tax	After-Tax
NPV (8% discount rate)	$3,613M	$2,173
IRR	32.6%	25.9%
Payback period	2.8 years	3.2 years

The economic evaluation of the Uatnan Mining Project was performed using a discounted cash flow model on both a pre-tax and after-tax basis. The capital and operating cost estimates presented in Chapter 21 of this Report were based on the mining and processing plan developed in this Study to produce roughly 500 kt of a graphite concentrate annually over the life of the mine ("**LOM**"). The internal rate of return ("**IRR**") on total investment was calculated based on 100% equity financing.

The NPV was calculated for discounting rates of 0%, 6%, 8% and 10%, resulting from the net cash flow generated by the Project. The Project base case NPV was calculated based on a discounting rate of 8%. The payback period based on the undiscounted annual cash flow of the Project is also indicated as a financial measure. A sensitivity analysis was performed for the pre-tax and post-tax results to assess the impact of variation of the Project initial capital costs, operating costs and sensitivity to the selling price of concentrate.

For more details regarding the capital and operating costs of the Uatnan Mining Property, refer to chapters 21 and 22 of the Uatnan Mining Project Report.

Conclusions and Recommendations

The results of the Uatnan Mining Project Report demonstrate that the Uatnan Mining Project is economically viable. The authors of the Uatnan Mining Project Report recommend that the Uatnan Mining Project be advanced to the next stage of development, which based on the agreement between the Corporation and Mason Graphite, is a Feasibility Study ("**FS**") to be completed within the timeframe of the OJV Agreement.

A summary of the next critical steps and an approximate budget required to advance the Uatnan Mining Project and complete an FS is presented in Table 1-8. The items are detailed further in the sections that follow.

Table 1-8 – Uatnan Project budget for next phase

Activity/Milestone	Pre-Tax
Drilling (10,000 m)	$3.3M
Environmental studies	$2.3M
Pit slopes	$0.4M
Metallurgical testwork	$0.5M
Feasibility Study	$3.5M
TOTAL	$10.0M

Geology and Mineral Resources

The interpretation of the zones is mainly based on the percentage of carbon graphite and follows structural tendencies of the deposit. Three envelopes were produced by connecting the defined mineralized prisms using a cut-off grade of 5% Cg.

- Density determinations should be continued for both mineralized and non-mineralized rock types;
- To carry all necessary work to maintain the claims in good standing during the development process;
- To map the geology of the deposit during mining operations in order to detect any discrepancy in the deposit geometry thus allowing ongoing adjustment of the mining plan;
- It is recommended to modify the wireframes to include the mineralized intervals between 3% Cg and 5% Cg. The integration of zones with low-grade may affect the sensitivity of the Mineral Resources estimation;
- It is recommended additional drilling work to transform all or a part of the Inferred mineral resources to either Indicated or Measured. A total of 10,000 m of core drilling should suffice to increase confidence in the current Inferred Resources;
- It is also recommended that the potential resources of the GR mineralized zone, located north of the Lac Guéret proposed pit, be included in the current Mineral Resource Estimate of the Uatnan Mining Property. Information from 22 drill holes covering this zone is not included in the current Mineral Resource Estimate.

Mining

The following activities are recommended for the next phase of the Uatnan Mining Project development during the FS:

- Perform feasibility-level geomechanical and hydrogeological studies for the Uatnan Mining Property pit footprint to better define pit slope angles and determine water inflows into the future pit;
- Engage with local contractors for production labour;
- Review rotation schedule to promote local employment;
- Study the possibility of an all-electric carbon-neutral mining fleet;
- Condemnation drilling for permanent infrastructures placement.

Process

The following activities are recommended for the next phase of the Uatnan Mining Project development:

- Metallurgical testwork to confirm the proposed process flowsheet including grinding, flotation, thickening and filtration;
- Confirmation of the concentrate grade and recovery on variability samples;
- Environmental characterization of the tailings;
- Testing with vendors for equipment sizing.

Environment

The following activities are recommended for the next phase of Uatnan Mining Project development:

- Continue the collaborative work with the Innu First Nation of Pessamit and local stakeholders in the Baie-Comeau community and Manicouagan region;
- Sign a pre-development agreement with the Innu First Nation of Pessamit according to their priorities and the Uatnan Project's projected impacts and attenuation;
- Continue holding stakeholder engagement activities in order to properly inform and take into account the local communities' and stakeholders' concerns regarding the Project;
- Validation with MELCCFP if a new decree is required for the Uatnan Mining Project, or a decree modification. For a new decree a project Notice needs to be submitted to the MELCCFP to initiate the process;
- Perform feasibility-level geotechnical and hydrogeological studies for the Uatnan Mining Property pit footprint to localized infrastructure footprint;
- From updated data including geochemistry and ongoing tests-cells results and baselines studies, perform technologies trade-off studies to address the Project design refinements for tailings and waste rocks management;
- A closure plan will have to be filed and approved by the MRNF to get the mining lease. As the development of the project will advance, the closure activities will need to be described. More tests should be performed on the possibility to use the overburden as a neutral material for final reclamation.

For more details regarding the next steps for the development of the Uatnan Mining Property, refer to chapters 25 and 26 of the Uatnan Mining Project Report.

DIVIDENDS

During the three most recently completed fiscal years and as of the date of this Annual Information Form, the Corporation has not paid any dividends on the Common Shares. Any decision to declare and pay dividends on the Common Shares in the future will be made at the discretion of the Board of Directors and will depend on, among other things, the Corporation's financial results, cash requirements, contractual restrictions and other factors that the Board of Directors may deem relevant at such time. In addition, the Corporation's ability to pay dividends may be limited by covenants of any existing and future outstanding indebtedness that the Corporation or its subsidiaries incur.

DESCRIPTION OF CAPITAL STRUCTURE

The following description of the Corporation's share capital summarizes certain provisions contained in the Corporation's Articles and by-laws. These summaries do not purport to be complete and are subject to, and are qualified in their entirety by reference to, all of the provisions of the Corporation's Articles and by-laws, which have been filed under the Corporation's profile on SEDAR at www.sedar.com.

COMMON SHARES

The Corporation's authorized capital consists of an unlimited number of Common Shares without par value. As of December 31, 2022, 55,873,898 Common Shares were issued and outstanding as fully paid and non-assessable. Effective as of March 24, 2021, the Corporation implemented the Consolidation on the basis of the Consolidation Ratio. The numbers and prices of Common Shares and the information on securities convertible into Common Shares provided in this section are stated on a post-Consolidation basis. The holders of Common Shares are entitled to one vote per Common Share at all shareholder meetings. They are also entitled to dividends, if, as and when declared by the Board of Directors and, upon liquidation or winding-up of the Corporation, to share the residual assets of the Corporation. The Common Shares do not have any pre-emptive, conversion or redemption rights, except as described in the section Description of Capital Structure – Convertible Notes – 2022 Private Placement, and all have equal voting rights. There are no special rights or restrictions of any nature attached to any of the Common Shares, all of which rank equally as to all benefits which might accrue to the holders of the Common Shares.

WARRANTS

During the fiscal year ended December 31, 2022, no warrants were issued, no warrants were exercised, and no warrants expired. As a result, and as of December 31, 2022, no warrants issued by the Corporation are outstanding. Between January 1, 2023 and the date of this Annual Information Form, no warrants were issued, no warrants were exercised and no warrants expired. As a result, and as of the date of this Annual Information Form, no warrants issued by the Corporation are outstanding. However, on November 8, 2022, the Corporation issued the Convertible Notes, which are convertible in units of the Corporation (the "**Convertible Units**"). Each Convertible Note unit will be comprised of one (1) Common Share and one (1) common share purchase warrant (a "**CN Warrant**"). Each CN Warrant will entitle the holder thereof to acquire one Common Share at a price of US$5.70 per Common Share for a period of 24 months from the date of issuance thereof. Pursuant the complete conversion of the Convertible Notes, the Corporation will issue a maximum of 10,000,000 Warrants.

COMPENSATION OPTIONS

Stock Options Issued Under the Stock Option Plan

As of December 31, 2022, an aggregate number of 3,911,804 stock options issued by the Corporation were outstanding, collectively entitling the holders thereof to purchase an aggregate of up to 3,911,804 Common Shares as follows:

	Number of Stock Options	Number of Vested Stock Options	Exercise Price	Expiry Date
	180,000	180,000	3.20	May 18, 2023
	150,000	150,000	3.75	November 1, 2023
	150,000	112,500	8.49	March 11, 2024
	487,804	n/a(1)	8.20	March 28, 2024(1)
	112,500	112,500	2.35	May 27, 2024
	120,000	120,000	2.35	September 12, 2024
	25,000	25,000	2.10	November 29, 2024
	7,500	7,500	2.10	February 13, 2025
	530,000	530,000	1.85	September 2, 2025
	15,000	15,000	2.40	October 1, 2025
	220,000	220,000	7.00	November 30, 2025
	460,000	460,000	16.84	May 24, 2026
	15,000	15,000	8.15	September 15, 2026
	15,000	15,000	8.08	November 17, 2026
	225,000	56,250	8.87	January 23, 2027
	40,000	18,750	8.49	March 11, 2027
	941,500	822,000	8.20	March 28, 2027
	26,000	13,000	6.74	May 16, 2027
	191,500	n/a	6.48	November 14, 2027
Total	**3,911,804**	**2,872,500**		

Note:

(1) These stock options vest on the closing of the project financing of the Corporation for both the Matawinie Mine Project and the Bécancour Battery Material Plant Project (the "**Project Financing**") and expire on March 28, 2024.

Between January 1, 2023 and the date of this Annual Information Form, the Corporation cancelled 487,804 stock options and granted 453,048 new stock options to SD Capital and GKB Ventures, consultants of the Corporation. Furthermore, between January 1, 2023 and the date of this Annual Information Form, no stock options were exercised, and no stock

option expired. As a result, and as of the date of this Annual Information Form, an aggregate of 3,877,048 stock options issued by the Corporation were outstanding, collectively entitling the holders thereof to purchase an aggregate of up to 3,877,048 Common Shares as follows:

	Number of Stock Options	Number of Vested Stock Options	Exercise Price	Expiry Date
	180,000	180,000	3.20	May 18, 2023
	150,000	150,000	3.75	November 1, 2023
	150,000	112,500	8.49	March 11, 2024
	112,500	112,500	2.35	May 27, 2024
	120,000	120,000	2.35	September 12, 2024
	25,000	25,000	2.10	November 29, 2024
	7,500	7,500	2.10	February 13, 2025
	530,000	530,000	1.85	September 2, 2025
	453,048	n/a(1)	8.20	March 28, 2027(1)
	15,000	15,000	2.40	October 1, 2025
	220,000	220,000	7.00	November 30, 2025
	460,000	460,000	16.84	May 24, 2026
	15,000	15,000	8.15	September 15, 2026
	15,000	15,000	8.08	November 17, 2026
	225,000	56,250	8.87	January 23, 2027
	40,000	18,750	8.49	March 11, 2027
	941,500	822,000	8.20	March 28, 2027
	26,000	13,000	6.74	May 16, 2027
	191,500	-	6.48	November 14, 2027
Total	**3,877,048**	**2,872,500**		

Note:

(1) These stock options vest on the closing of the Project Financing (no later than March 28, 2025) and will expire two (2) years following the vesting of those options (no later than March 28, 2027).

As of December 31, 2022, the Board of Directors was entitled to grant stock options in accordance with the *Nouveau Monde Graphite Inc. 2018 Stock Option Plan*, as adopted by the Board of Directors on May 12, 2022, to employees, officers, directors or consultants of the Corporation or any subsidiary thereof, and to persons employed to perform investor relations activities.

For further details about the stock options issued by the Corporation as of December 31, 2022, reference is made to note 17.4 to the Corporation's audited annual consolidated financial statements for the fiscal year ended December 31, 2022 which are available under the Corporation's profile on SEDAR at www.sedar.com and on EDGAR at www.sec.gov.

CONVERTIBLE NOTES

2022 Private Placement

The Convertible Notes issued in connection with the 2022 Private Placement are three-years instruments in the principal amounts of US$12.5 million for IQ and Pallinghurst Bond and US$25 million for Mitsui, which bears interest at a rate of the higher of (i) 6% per annum and (ii) the 90-day average term SOFR (secured overnight financing rate) plus 4% per annum, compounded daily. The Corporation has the option to pay the interest in (i) cash on the last business day of each quarter commencing on December 31, 2022 or (ii) subject to TSXV approval, by capitalizing interest and adding it to the principal, which would then be converted into Common Shares (and not units) at a US Dollar equivalent of the Common Share market price determined at the quarter end on which such interest become payable. All or a portion of the principal amount of the Convertible Notes will be convertible at the election of the holders thereof into units of the Corporation at a price of US$5.00 per Convertible Note Unit (the "**Convertible Note Unit**") at any time until the maturity date. Each Convertible Note Unit will be comprised of one (1) Common Share and one (1) **CN Warrant**. Each CN Warrant will entitle the holder thereof to acquire one Common Share at a price of US$5.70 per Common Share for a period of 24 months from the date of issuance thereof. At any time, the holders of the Convertible Notes have the right to convert all or a portion (provided that such portion to be converted amounts to US$500,000 or more) of the Convertible Notes, subject to the NYSE and TSXV approvals, and the Convertible Notes shall automatically be converted prior to the maturity date if the holder makes an affirmative decision with respect to FID (as defined in the Convertible Notes) and subject to certain conditions provided in the Convertible Notes. The Convertible Notes are subject to a hold period of 4 months and one day from the date of their issuance in accordance with relevant regulatory and stock exchange policies.

Assuming the conversion in whole of the Convertible Notes, 10,000,000 Common Shares and 10,000,000 CN Warrants, entitling its holders to acquire 10,000,000 additional Common Shares, would be issued to the holders of the Convertible Notes, representing 26.36% of the issued and outstanding Common Shares, as of the date of this Annual Information Form.

Investment Agreements

On November 8, 2022, upon closing of the 2022 Private Placement, a second amended and restated investment agreement was entered into by the Corporation, Pallinghurst Bond and Pallinghurst International (together, the "**Pallinghurst Parties**") to amend the existing amended and restated investment agreement dated August 28, 2020 (the "**Second Amended and Restated Investment Agreement**"). The Second Amended and Restated Investment Agreement provides that the Pallinghurst Parties are entitled to nominate (i) three (3) nominees to the Board of Directors if the Pallinghurst Parties' Pro Rata Interest is at least equal to 20% and (ii) two (2) nominees to the Board of Directors if the Pallinghurst Parties' Pro Rata Interest is less than 20% but greater than 10%, and provided further that the number of directors of the Corporation shall not exceed ten (10). "**Pro Rata Interest**" means, on any date, the aggregate security ownership interest of the holder of a Convertible Note (together with their affiliates, as applicable) in the Corporation, expressed as a percentage, equal to (i) the aggregate number of outstanding Common Shares and other voting or equity shares of the Corporation beneficially owned, directly or indirectly, or over which control or direction is exercised by the holder of the Convertible Notes and its affiliates (as applicable); divided by (ii) the aggregate number of outstanding Common Shares and other voting or equity shares of the Corporation. The Pallinghurst Parties were also granted a pre-emptive right over subsequent offerings by the Corporation. The Pallinghurst Parties shall have the right (the "**Pre-emptive Right**") to subscribe for and acquire, on the same terms and conditions of such subsequent offering such number of Common Shares or convertible securities (as applicable) as would result in the Pro Rata Interest immediately following completion of the subsequent offering being equal to the Pallinghurst Parties' Pro Rata Interest immediately prior to the subsequent offering. In addition, the Pallinghurst Parties have additional top-up rights in the case of certain dilution events in order to maintain their Pro Rata Interest

immediately following completion of such dilution event equal to their Pro Rata Interest immediately prior to such dilution event.

On November 8, 2022, upon closing of the 2022 Private Placement, the side letter agreement entered into by the Corporation and Mitsui on October 19, 2022 became effective (the "**Letter Agreement**"). The Letter Agreement provides that Mitsui is entitled, provided that it makes an affirmative decision in favor of FID (at which time the Convertible Note will be converted into Convertible Note Units to the extent contemplated in the Convertible Note) and for so long as Mitsui's Pro Rata Interest is 10% or more, at its own discretion, to designate either (i) one (1) nominee to the Board of Directions or (ii) one representative to the Board of Directors. In addition, during the period (a) prior to the FID, for so long as Mitsui holds its Convertible Note and/or all of the Common Shares converted from its Convertible Note and (b) on or after the date that Mitsui makes an affirmative decision in favor of FID (at which time the Convertible Note will be converted into Convertible Note Units to the extent contemplated in the Convertible Note), for so long as Mitsui holds all of the Common Shares converted from its Convertible Note and Mitsui's Pro Rata Interest is between 5% and less than 10%, have the right to appoint one observer to attend all meetings of the Board of Directors. Mitsui was also granted a pre-emptive right over subsequent offerings by the Corporation. Mitsui shall have the right the Pre-emptive Right to subscribe for and acquire, on the same terms and conditions of such subsequent offering such number of Common Shares or convertible securities (as applicable) as would result in the Pro Rata Interest immediately following completion of the subsequent offering being equal to the Pro Rata Interest immediately prior to the subsequent offering. In addition, Mitsui has additional top-up rights in the case of certain dilution events in order to prevent its Pro Rata Interest from falling below than the 20% and 10% thresholds enumerated above. Certain marketing rights for future sales of the Corporation's active Anode Material were also granted to Mitsui.

On November 8, 2022, upon closing of the 2022 Private Placement, an investment agreement was also entered into by the Corporation and IQ (the "**IQ Investment Agreement**"). The IQ Investment Agreement provides that IQ is entitled to nominate one (1) nominee to the Board of Directors for so long as IQ's Pro Rata Interest is 10% or more and provided further that the number of directors of the Corporation shall not exceed ten (10). IQ was also granted a Pre-Emptive Right over subsequent offerings by the Corporation. IQ shall have the Pre-Emptive Right to subscribe for and acquire, on the same terms and conditions of such subsequent offering such number of Common Shares or convertible securities (as applicable) as would result in the Pro Rata Interest immediately following completion of the subsequent offering to be equal to the Pro Rata Interest immediately prior to the subsequent offering. In addition, IQ has additional top-up rights in the case of certain dilution events in order to maintain its Pro Rata Interest immediately following completion of such dilution event equal to its Pro Rata Interest immediately prior to such dilution event.

PALLINGHURST ROYALTY

The Corporation entered into the Royalty Transaction whereby the Corporation issued and sold a 3% royalty to Pallinghurst Graphite for an aggregate purchase price of approximately $5 million, including accrued interest. Until August 28, 2023, the Royalty is subject to a 1% buy-back right in favour of the Corporation. The consideration to be paid by the Corporation upon exercise of its buy-back right will be equal to approximately $1.3 million, plus an amount equal to interest accrued at a rate of 9% per annum from and after August 28, 2020, and up to the buyback date. Pursuant to the Royalty, Pallinghurst Graphite will have the right, until August 28, 2023, to request that the Royalty be converted into a graphite stream agreement or other similar forward purchase agreement, provided that the Corporation will not be required to complete any such conversion if such conversion could have a negative impact on the Corporation. The purchase price for the Royalty was satisfied by setting-off all principal and accrued interest amounts owing by the Corporation to Pallinghurst Graphite under the promissory note dated June 27, 2019 in the principal amount of $2 million and the promissory note dated March 16, 2020 in the principal amount of $2 million, each of which was cancelled. The Corporation's obligations under the Royalty have been secured by a hypothec in favour of Pallinghurst International dated August 29, 2022, over the Matawinie Graphite Property, subject to certain permitted encumbrances and rights. Pursuant to the Assignment and Assumption Agreement, the rights and obligations of Pallinghurst Graphite under the Pallinghurst Transactions had been assigned to Pallinghurst International. See "Fiscal Year Ended December 31, 2020 – The Bond Transaction and the Royalty Transaction".

MARKET FOR SECURITIES

MARKET

The issued and outstanding Common Shares are listed and posted for trading on the TSXV under the symbol "NOU", on the NYSE under the symbol "NMG" and on the Frankfurt Stock Exchange under the symbol "NM9A". The issued and outstanding Common Shares were listed and posted for trading on the OTCQX under the symbol "NMGRF" until May 21, 2021.

TRADING PRICE AND VOLUME

The Common Shares are listed and posted for trading on the TSXV under the symbol "NOU" and the NYSE under the symbol "NMG". On March 22, 2023, the last trading day before the filing of this Annual Information Form, the closing price of the Common Shares on the TSXV was $6.65, on the NYSE was US$4.94.

TSXV

The following table sets forth trading information for the Common Shares on the TSXV (as reported by www.money.tmx.com) during the fiscal year ended December 31, 2022 and up to the last trading day before the filing of this Annual Information Form.

Month	High ($)(1)	Low ($)(2)	Trading Volume(3)
January 2022	10.89	7.94	1,277,723
February 2022	9.84	8.10	855,212
March 2022	9.19	8.04	1,182,262
April 2022	9.04	7.45	1,526,925
May 2022	8.26	6.40	894,768
June 2022	7.62	6.05	667,809
July 2022	7.05	4.36	833,648
August 2022	8.31	5.68	846,501
September 2022	9.00	6.85	932,283
October 2022	7.85	6.28	331,554
November 2022	6.78	6.10	262,508
December 2022	6.56	4.81	608,188
January 2023	6.99	5.17	599,147
February 2023	8.00	6.42	928,174
March 1 to March 22, 2023	7.85	6.31	544,777

Notes:

(1) Includes intra-day high prices.

(2) Includes intra-day low prices.

(3) Total volume traded in the relevant period.

NYSE

The following table sets forth trading information for the Common Shares on the NYSE (as reported by www.nyse.com) during the fiscal year ended December 31, 2022 and up to the last trading day before the filing of this Annual Information Form.

Month	High (US$)(1)	Low (US$)(2)	Trading Volume(3)
January 2022	8.81	6.26	2,070,930
February 2022	7.76	6.30	1,045,382
March 2022	7.25	6.25	1,431,958
April 2022	7.30	5.80	1,529,498
May 2022	6.50	4.92	1,442,056
June 2022	6.00	4.69	1,398,539
July 2022	5.40	3.38	1,361,011
August 2022	6.46	4.37	1,144,811
September 2022	6.99	5.03	2,831,419
October 2022	5.77	4.60	947,353
November 2022	5.15	4.48	599,792
December 2022	4.87	3.57	655,408
January 2023	5.23	3.78	763,935
February 2023	5.97	4.82	1,282,758
March 1 to March 22, 2023	5.70	4.60	694,962

Notes:
(1) Includes intra-day high prices.
(2) Includes intra-day low prices.
(3) Total volume traded in the relevant period.

PRIOR SALES

The following table summarizes details of the following securities that are not listed or quoted on a marketplace issued by the Corporation during the Corporation's fiscal year ended December 31, 2022 and up to the date of this Annual Information Form.

Issue Date	Number and Class of Securities	Issue Price or Exercise Price per Security ($)
January 5, 2022	1,500 Common Shares (1)	7.00
January 24, 2022	15,000 Common Shares (1)	2.75
January 24, 2022	1,500 Common Shares (1)	7.00
January 24, 2022	225,000 options	8.87
January 26, 2022	2,000 Common Shares (1)	7.00
February 4, 2022	25,000 Common Shares (1)	2.75
February 8, 2022	15,000 Common Shares (1)	2.75
February 8, 2022	15,000 Common Shares (1)	2.75
February 14, 2022	10,000 Common Shares (2)	9.67
February 14, 2022	400 Common Shares (2)	9.66
February 15, 2022	1,500 Common Shares (1)	7.00
February 16, 2022	6,301 Common Shares (2)	9.65
February 17, 2022	3,200 Common Shares (2)	9.61
March 11, 2022	215,000 options	8.49
March 15, 2022	1,500 Common Shares (1)	7.00
March 28, 2022	1,561,804 options (3)	8.20
March 29, 2022	1,500 Common Shares (1)	7.00
April 8, 2022	3,000 Common Shares (2)	8.20
April 11, 2022	13,784 Common Shares (2)	7.99
April 11, 2022	3,000 Common Shares (1)	1.95
April 12, 2022	7,729 Common Shares (2)	7.92
April 12, 2022	1,000 Common Shares (1)	7.00
April 13, 2022	3,900 Common Shares (2)	8.05
April 14, 2022	40,507 Common Shares (2)	8.18
April 18, 2022	75,400 Common Shares (2)	8.26
April 20, 2022	4,200 Common Shares (2)	8.23
April 21, 2022	33,801 Common Shares (2)	8.34
April 25, 2022	2,336 Common Shares (2)	8.21

April 26, 2022	1,400 Common Shares (2)	7.87
April 28, 2022	8,014 Common Shares (2)	7.71
April 29, 2022	50,563 Common Shares (2)	7.89
May 2, 2022	30,470 Common Shares (2)	7.89
May 3, 2022	13,215 Common Shares (2)	7.84
May 4, 2022	100,000 Common Shares (2)	7.82
May 5, 2022	4,789 Common Shares (2)	8.09
May 6, 2022	19,800 Common Shares (2)	8.11
May 16, 2022	26,000 options	6.74
May 20, 2022	20,000 Common Shares (1)	1.85
May 24, 2022	2,100 Common Shares (2)	7.08
May 24, 2022	500 Common Shares (2)	7.19
May 25, 2022	5,501 Common Shares (2)	6.83
May 26, 2022	1,000 Common Shares (2)	6.76
May 27, 2022	5,591 Common Shares (2)	6.90
May 31, 2022	15,583 Common Shares (2)	6.92
June 1, 2022	12,402 Common Shares (2)	6.96
June 1, 2022	7,121 Common Shares (2)	6.91
June 2, 2022	20,000 Common Shares (1)	2.35
June 2, 2022	18,575 Common Shares (2)	6.98
June 6, 2022	900 Common Shares (2)	6.90
July 11, 2022	10,000 Common Shares (1)	3.20
July 13, 2022	10,000 Common Shares (1)	3.20
August 11, 2022	4,000 Common Shares (1)	4.20
August 24, 2022	10,000 Common Shares (1)	3.10
August 24, 2022	20,000 Common Shares (1)	2.35
September 9, 2022	15,000 Common Shares (1)	3.20
September 9, 2022	15,000 Common Shares (1)	2.35
September 9, 2022	20,000 Common Shares (1)	1.85
September 16, 2022	10,000 Common Shares (1)	3.40
November 8, 2022	1 Convertible Note	25,000,000 USD
November 8, 2022	1 Convertible Note	12,500,000 USD
November 8, 2022	1 Convertible Note	12,500,000 USD
November 9, 2022	10,000 Common Shares (1)	4.20

November 14, 2022	191,500 options	6.48
November 22, 2022	6,000 Common Shares (1)	4.20
February 17, 2023	453,048 options (3)	8.20

Notes:
(1) Issued upon the exercise of options

(2) Issued pursuant to the ATM Offering

(3) The options granted on March 28, 2022, include 487,804 options granted to SD Capital and GKB Ventures. These options were cancelled in February 2023 and replaced by 453,048 options, following TSXV approval.

DIRECTORS AND EXECUTIVE OFFICERS

Pursuant to the Articles of Amalgamation of the Corporation, the Board of Directors shall consist of a minimum of three and a maximum of 15 directors. The directors of the Corporation are elected annually by the shareholders of the Corporation at the annual general meeting of shareholders. Each director so elected shall hold office until the next annual general meeting of the shareholders of the Corporation, unless he shall resign or his office becomes vacant by death, removal or other cause.

NAME, OCCUPATION AND SECURITIES HOLDING

The following table contains certain information on the Corporation's directors and executive officers that held positions during the fiscal year ended December 31, 2022.

Name and Residence	Position Held with the Corporation and Period Served as Director	Principal Occupation During Past Five Years
Daniel Buron (1) Québec, Canada	Director of the Corporation since September 2019	Executive Vice-President and Chief Financial Officer of Domtar Corp.
Éric Desaulniers Québec, Canada	President and Chief Executive Officer Director of the Corporation since January 2013	President and Chief Executive Officer of the Corporation
Arne H Frandsen (2) Geneva, Switzerland	Director of the Corporation since May 2019	Co-Founder and Managing Partner of The Pallinghurst Group
Jürgen Köhler (3) Hessen, Germany	Director of the Corporation since April 2021	Former Chief Executive Officer, SGL Carbon SE
Nathalie Pilon (4) Québec, Canada	Director of the Corporation since December 2020	Former President of ABB Inc. in Canada
James Scarlett (5) Ontario, Canada	Director of the Corporation since December 2020	Former Executive Vice-President and Chief Legal Officer of Hydro One Limited

Name and Residence	Position Held with the Corporation and Period Served as Director	Principal Occupation During Past Five Years
Andrew Willis[6] Guernsey	Director of the Corporation since May 2021	Co-Founder and Managing Partner of The Pallinghurst Group
Stephanie Anderson Ontario, Canada	Director of the Corporation since November 2022	Former Executive Vice President, Corporate Development of Baffinland Iron Mines
Charles-Olivier Tarte[7] Québec, Canada	Chief Financial Officer of the Corporation and former Corporate Secretary of the Corporation	Chief Financial Officer of the Corporation
Bernard Perron[8] Québec, Canada	Chief Operating Officer of the Corporation	Chief Operating Officer of the Corporation Senior Vice President, Project Development & Operations Services of Inter Pipeline Ltd.
Josée Gagnon[9] Québec, Canada	Vice-President, Legal Affairs and Corporate Secretary	Former Chief Legal Officer at Just For Laughs Director – Legal Affairs and Corporate Secretary at Colabor Group Inc.
David Torralbo[10] Québec, Canada	Former Chief Legal Officer and Corporate Secretary of the Corporation	Former Chief Legal Officer and Corporate Secretary of the Corporation Former Chief Legal Officer and Corporate Secretary of Atrium Innovations Inc.

Notes:

(1) Lead Independent Director, Chair of the Audit Committee and member of the Human Resources, Nominating and Compensation Committee and the Governance, Compliance and Legal Committee.

(2) Chair of the Board of Directors and the Human Resources, Nominating and Compensation Committee and member of the Governance, Compliance and Legal Committee and the ESG, Safety & Health Committee.

(3) Chair of the Projects and Development Committee and member of the Audit Committee.

(4) Chair of the ESG, Safety and Health Being Committee and member of the Audit Committee and the Projects and Development Committee.

(5) Chair of the Governance, Compliance and Legal Committee and member of the Human Resources, Nominating and Compensation Committee and the ESG, Safety and Health Committee.

(6) Member of the Projects and Development Committee.

(7) Mr. Charles-Olivier Tarte was Corporate Secretary from June 16, 2022 to November 11, 2022.

(8) Mr. Bernard Perron was appointed Chief Operating Officer of the Corporation on January 17, 2022.

(9) Mrs. Josée Gagnon was appointed Vice-President, Legal Affairs on October 11, 2022 and Corporate Secretary on November 11, 2022.

(10) Mr. David Torralbo was Chief Legal Officer from January 20, 2021 to June 16, 2022.

As of the date of this Annual Information Form, the Corporation's directors and executive officersas a group beneficially owned or exercised control or direction over, directly or indirectly, an aggregate of 12,436,755 Common Shares,

representing approximately 22.26% of the issued and outstanding Common Shares (including Common Shares held by Pallinghurst Graphite, Pallinghurst International and Pallinghurst Bond).

CEASE TRADE ORDERS, BANKRUPTCIES, PENALTIES OR SANCTIONS

To the knowledge of the Board of Directors and based on the information provided by the directors or executive officers of the Corporation, none of these persons:

- is, as at the date of this Annual Information Form, or has been, within ten years before this date, director, chief executive officer or a chief financial officer of any corporation, including the Corporation, which has been subject to one of the following orders:
  - a cease trade order, an order similar to a cease trade order or an order that denied the corporation access to any exemption under securities legislation, that was in effect for a period of more than 30 consecutive days, while the person was acting in the capacity as director, chief executive officer or chief financial officer; or
  - a cease trade order, an order similar to a cease trade order or an order that denied the corporation access to any exemption under securities legislation, that was in effect for a period of more than 30 consecutive days, after the person ceased to be a director, chief executive officer or chief financial officer and which resulted from an event that occurred while the person exercised these duties.

To the knowledge of the Board of Directors and based on the information provided by the directors or executive officers of the Corporation or shareholders of the Corporation holding a sufficient number of securities of the Corporation to affect materially the control of the Corporation, none of these persons:

- is, as at the date of this Annual Information Form, or has been within ten years before this date, a director or executive officer of any corporation, including the Corporation, that, while the 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; or
- has, within the ten years before the date of this Annual Information Form, 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 its assets; or
- has been imposed any penalties or sanctions 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 imposed any penalties or sanctions by a court or a regulatory body that would likely be considered important to a reasonable investor in making an investment decision.

On or about March 20, 2012, the Corporation completed a private placement with 109 investors, including 82 Québec residents. Three of these Québec investors have declared and guaranteed, in a Schedule to the subscription agreement, that they were accredited investors. An investigation conducted by the *Autorité des marchés financiers* (the "**AMF**") revealed that these three Québec investors could not benefit from the accredited investor exemption provided for in Section 2.3 of *Regulation 45-106 respecting Prospectus Exemptions*, since they had incorrectly stated that they owned, at that time, financial assets with an aggregate value of more than one million dollars. The AMF has therefore established that additional verification measures should have been completed by Mr. Eric Desaulniers with respect to the quality of these three Québec investors, thereby enabling the AMF to impose to Mr. Desaulniers an administrative monetary penalty pursuant to the *Securities Act* (Québec). Pursuant to a settlement agreement between the AMF and Mr. Desaulniers, and ratified by the *Tribunal administratif des marchés financiers* on April 4, 2018, Mr. Desaulniers agreed to pay an administrative fine of $10,000.

CONFLICTS OF INTEREST

Certain of the Corporation's directors and officers serve or may agree to serve as directors or officers of other reporting companies that may compete with the Corporation in some respects or may hold significant shareholdings in the Corporation or other companies that compete with the Corporation and, to the extent that such other companies may have conflicting interests, the directors of the Corporation may have a conflict of interest. From time to time, several companies may participate in the acquisition, exploration and development of natural resource properties thereby allowing for their participation in larger programs, permitting involvement in a greater number of programs and reducing financial exposure in respect of any one program. It may also occur that a particular company will assign all or a portion of its interest in a particular program to another of these companies due to the financial position of the company making the assignment.

In the event that such a conflict of interest arises at a meeting of the Corporation's directors, a director who has such a conflict will abstain from voting for or against the approval of such participation or such terms and such director will not participate in negotiating and concluding terms of any proposed transaction. Under the CBCA, the directors of the Corporation are required to act honestly, in good faith and in the best interests of the Corporation. In determining whether or not the Corporation will participate in a particular program and the interest therein to be acquired by it, the directors will primarily consider the degree of risk to which the Corporation may be exposed and its financial position at that time. See "Risk Factors" in this Annual Information Form.

AUDIT COMMITTEE

THE AUDIT COMMITTEE'S CHARTER

On May 19, 2021, the Board of Directors approved the Audit Committee's charter (the "**Charter**"), which describes the duties, responsibilities and skills required from its members as well as the terms of their nomination and dismissal and their relationship with the Board of Directors.

The purpose of the Audit Committee is to assist the Board of Directors in its oversight of: (i) the integrity of the financial statements, the financial reporting process and related information; (ii) the independence, qualifications, appointment and performance of the external auditor; (iii) compliance with applicable legal and regulatory requirements; (iv) disclosure, internal controls and internal audit procedures; and (v) risk management processes. In addition, the Audit Committee provides an avenue for communication between the external auditor, management, and other employees of the Corporation, as well as the Board of Directors, concerning accounting and auditing matters. The Charter is attached as Schedule "A" to this Annual Information Form.

COMPOSITION OF THE AUDIT COMMITTEE

As of the date of this Annual Information Form, the Audit Committee is composed of the following members:

Name	Independent	Financially Literate
Daniel Buron (Chair)	Yes	Yes
Jürgen Köhler	Yes	Yes
Nathalie Pilon	Yes	Yes

RELEVANT EDUCATION AND EXPERIENCE

Since 2004, Mr. Buron has served as Executive Vice-President and Chief Financial Officer of Domtar Corporation (NYSE:UFS) and Domtar Inc. Before joining Domtar in 1999, he held various finance positions with a leading firm in the commercialization and development of IT applications, solutions and tools as well as with one of the big four international accounting firms. Mr. Buron has more than 30 years of experience in finance. He is a member of the Québec Chartered Professional Accounting (CPA) order and a member of the Institute of Corporate Directors (ICD). He served on the board of McGill University Health Center Foundation and on the board of SEMAFO, a TSX-listed company.

Mr. Köhler was formerly the CEO of SGL Carbon, an advanced graphite materials company. Based in Wiesbaden, Germany, he was responsible for approximately 5,000 employees and over 30 operating plants globally. Before becoming the CEO of SGL Carbon, he worked for more than a decade as a senior chemical engineer and Department Leader for the company. Among his many roles, he was responsible for building and operating advanced graphite materials plants in Europe, North America and Asia. Before his time at SGL Carbon, Mr. Köhler worked in the U.S. for Celanese Corporation as Director for Manufacturing & Technology. Before that, he worked as a chemical engineer at Hoechst AG, in Frankfurt. Mr. Köhler earned a Ph.D. in Chemical Engineering with “summa cum laude” from the Technical University of Munich (TUM).

Mrs. Pilon was President of ABB Inc. in Canada and member of the Executive Board of ABB Americas until the end of 2019. Prior to her appointment, she was President of Thomas & Betts Canada, where she had been with the company since 1996 as Vice President, Finance and Information Technologies. Prior to joining Thomas & Betts, Mrs. Pilon served as Senior Manager, Professional Practice for KPMG. She was named one of Canada’s Top 100 Most Powerful Women by the Women’s Executive Network. In 2015 she received the distinguished Leadership Award by the Association of Women in Finance, and in 2018 she was awarded an Honorary Doctorate from Concordia University for her innovation in business. Mrs. Pilon holds a Bachelor’s degree in Business Administration from HEC Montréal and is a fellow of the Québec Order of Chartered Professional Accountants (FCPA). She is a board member of HEC Montréal, the CSA Group, the Montréal Port Authority, Lassonde Inc. and Kinova Group Inc.

As such, all the members of the Audit Committee have the financial skills necessary to understand the accounting principles used by the Corporation in preparing its financial statements as well as the ability to assess the general application of such accounting principles. The members of the Audit Committee also have relevant experience in analyzing and evaluating financial statements that present a level of complexity of accounting issues that can reasonably be expected to be raised by the Corporation’s financial statements, or experience actively supervising one or more individuals engaged in such activities. The members of the Audit Committee also understand the internal controls and procedures respecting the disclosure of financial information. See section “Directors and Officers – Name, Occupation and Security Holding” in this Annual Information Form.

RELIANCE ON CERTAIN EXEMPTIONS

Since the beginning of the Corporation’s fiscal year ended December 31, 2022, the Corporation has not relied on the provisions of sections 2.4, 3.2, 3.4 and 3.5 of Regulation 52-110 or on an exemption under Part 8 of Regulation 52-110.

AUDIT COMMITTEE OVERSIGHT

Since the beginning of the Corporation’s fiscal year ended December 31, 2022, the Board of Directors has not failed to adopt a recommendation of the Audit Committee to nominate or compensate an external auditor.

PRE-APPROVAL POLICIES AND PROCEDURES

The Audit Committee has not adopted specific policies or procedures for the engagement of non-audit services. However, the Audit Committee may approve, from time to time, expenses made for non-audit-related services contracts.

EXTERNAL AUDITOR SERVICE FEES

The following table sets out the service fees invoiced by PricewaterhouseCoopers LLP ("**PwC**") for the fiscal years ended December 31, 2021 and December 31, 2022:

	2021	2022
Audit Fees(1)	$548,419	$490,072
Audit-Related Fees(2)	$28,476	-
Tax Fees(3)	-	-
All Other Fees(4)	-	
Total	**$576,895**	**$490,072**

Notes:

(1) Audit fees relate to professional services rendered for the audit of the Corporation's annual consolidated financial statements and reviews of the Corporation's interim consolidated financial statements, including the fees invoiced in connection with the private and public offerings of Common Shares.

(2) Audit-related fees relate to translation services.

(3) Tax fees relate to consulting services in connection with the review of the Corporation's tax returns.

(4) All other fees not included above.

LEGAL PROCEEDINGS AND REGULATORY ACTIONS

Since the beginning of the fiscal year ended December 31, 2022 and up to the date of this Annual Information Form, there were no legal proceedings outstanding or regulatory actions pending involving the Corporation or any of its properties or to which the Corporation is a party or to which its properties are subject, nor to the knowledge of the Corporation are any such legal proceedings contemplated or such regulatory actions threatened, as of the date hereof, which are or could become material to the Corporation.

Since the beginning of the fiscal year ended December 31, 2022 and up to the date of this Annual Information Form: (i) the Corporation has not been the subject of penalties or sanctions imposed by a court relating to securities legislation or by a securities regulatory authority; (ii) the Corporation has not entered into any settlement agreement before a court relating to securities legislation or with a securities regulatory authority; and (iii) no penalties or sanctions has been imposed by a court or regulatory body against the Corporation that would likely be considered important to a reasonable investor in making an investment decision.

INTEREST OF MANAGEMENT AND OTHERS IN MATERIAL TRANSACTIONS

To the knowledge of the Corporation, with the exception of what is provided herein, no director, executive officer, or person that beneficially owns, or controls or directs, directly or indirectly, more than 10% of any class or series of outstanding voting securities of the Corporation, or an associate or affiliate of any of the foregoing, have had any material interest, direct or indirect, in any transaction within the three most recently completed financial years or during the current financial year

prior to the date of this Annual Information Form that has materially affected or is reasonably expected to materially affect the Corporation or its subsidiaries.

PALLINGHURST INTERNATIONAL

As of the date of this Annual Information Form, Pallinghurst Graphite is a wholly-owned subsidiary of Pallinghurst International, which is the beneficial owner of a total 11,541,013 Common Shares representing 20.66% of the issued and outstanding Common Shares. Moreover, assuming the conversion in whole of the Convertible Note of Pallinghurst Bond, a wholly-owned subsidiary of Pallinghurst International, Pallinghurst International would be the beneficial owner of an aggregate of 16,541,013 Common Shares, representing 27.17% of the issued and outstanding Common Shares, on a partially diluted basis. On April 3, 2019, the Corporation entered into a subscription agreement in connection with a non brokered private placement with Pallinghurst Graphite (the "**Pallinghurst Private Placement**"). On June 28, 2019, the Corporation closed the 2019 Unsecured Financing with Pallinghurst Graphite for an aggregate amount of $2,000,000. On March 16, 2020, the Corporation closed the 2020 Unsecured Financing with Pallinghurst Graphite for an aggregate amount of $2,000,000. On July 15, 2020, the Corporation entered into financing transactions with Pallinghurst Graphite in connection with the Pallinghurst Transactions. See "Fiscal Year Ended December 31, 2020 – Issuances for Cash Consideration". On February 12, 2021, the Corporation closed the 2021 Private Placement, pursuant to which Pallinghurst subscribed for 793,103 Common Shares (pre-consolidation), for a total subscription price of approximately $1,150,000. On February 1, 2021, the Corporation announced it had secured $16.5 million from the exercise of the Pallinghurst Warrants. See "Fiscal Year Ended December 31, 2021 – Issuances for Cash Consideration". On October 18, 2021, Pallinghurst International, the holder of the Bond, converted the full outstanding principal amount of the Bond into Common Shares in two tranches: (i) 1,875,000 Common Shares were received by Pallinghurst International on exercise of the first tranche and distributed by Pallinghurst International to its investors and (ii) 5,625,000 Common Shares were subsequently issued to Pallinghurst International in regard to the second tranche. See "Fiscal Year Ended December 31, 2021 – The Bond Transaction". On November 8, 2022, the Corporation closed the 2022 Private Placement with, among others, Pallinghurst Bond, a wholly-owned subsidiary of Pallinghurst International, pursuant to which Pallinghurst Bond subscribed for a Convertible Note of a principal amount of approximately USD$12.5 million. Pursuant to the 2022 Private Placement, the Corporation, Pallinghurst International and Pallinghurst Bond entered into between the Second Amended and Restated Investment Agreement. The Corporation and Pallinghurst Bond also entered a side letter agreement, on October 19, 2022, under which certain marketing rights for future sales of the Corporation's active Anode Material were also granted to Pallinghurst Bond. See "Description of Capital Structure – Convertibles Notes – 2022 Private Placement" for more details on the Second Amended and Restated Investment Agreement.

IQ

As of the date of this Annual Information Form, IQ is the beneficial owner of 5,795,991 Common Shares representing 10.37% of the issued and outstanding Common Shares. Moreover, assuming the conversion in whole of its Convertible Note, IQ would be the beneficial owner of an aggregate of 10,795,991 Common Shares, representing 17.74% of the issued and outstanding Common Shares, on a partially diluted basis. On April 29, 2020, the Corporation closed a financing agreement with IQ for an aggregate amount received of $1,994,405 through the Loan Offers. See "Fiscal Year Ended December 31, 2020 – Issuances for Cash Consideration". On February 12, 2021, the Corporation closed the 2021 Private Placement, pursuant to which IQ subscribed for 3,172,413 Common Shares (pre-Consolidation), for a total subscription price of approximately $4.6 million. On July 23, 2021, the Corporation announced the closing of the IQ Private Placement pursuant to which the Corporation issued to IQ a total of 1,978,750 Common Shares for proceeds to the Corporation of approximately $18.3 million. On November 8, 2022, the Corporation closed the 2022 Private Placement with, among others, IQ, pursuant to which IQ subscribed for a Convertible Note of a principal amount of approximately USD$12.5 million. Pursuant to the 2022 Private Placement, the Corporation and IQ entered into between the IQ Investment Agreement. See "Description of Capital Structure – Convertibles Notes – 2022 Private Placement" for more details on the IQ Investment Agreement.

MITSUI

As of the date of this Annual Information Form, Mitsui is the beneficial owner of no Common Share. Although, assuming the conversion in whole of its Convertible Note, Mitsui would be the beneficial owner of an aggregate of 10,000,000 Common Shares, representing 15.18% of the issued and outstanding Common Shares, on a partially diluted basis. Pursuant to the 2022 Private Placement, the Corporation and Mitsui entered the Letter Agreement, under which certain marketing rights for future sales of the Corporation's active Anode Material were granted to Mitsui. See "Description of Capital Structure – Convertibles Notes – 2022 Private Placement" for more details on the Letter Agreement.

TRANSFER AGENT AND REGISTRAR

The Corporation's transfer agent and registrar in Canada is TSX Trust Company ("**TSX Trust**"). The register of transfers of the Common Shares in Canada is held at TSX Trust's offices located in its place of business at 2001 Robert-Bourassa Blvd. Suite 1600, Montréal, Québec H3A 2A6.

The Corporation's co-transfer agent in the U.S. is American Stock Transfer & Trust Co LLC located at 6201 15th Avenue, Brooklyn, NY 11219.

MATERIAL CONTRACTS

The following lists any contract material to the Corporation that was entered into outside the normal course of business during the most recently completed fiscal year or before the last fiscal year that is still in effect:

- the IQ Investment Agreement (*Convention d'investissement)* effective as of November 8, 2022, between the Corporation and IQ for the purposes of granting certain rights to IQ in connection with the 2022 Private Placement (see "Description of Capital Structure – Convertible Notes – 2022 Private Placement – Investment Agreements");
- the Investment Agreement dated April 2, 2019, between the Corporation and Pallinghurst Graphite for the purposes of granting certain rights to Pallinghurst Graphite in connection with the Pallinghurst Private Placement, as amended and restated pursuant to the Amended and Restated Investment Agreement, and as further amended and restated pursuant to the Second Amended and Restated Investment Agreement between the Corporation and the Pallinghurst Parties dated as of November 8, 2022, for the purposes of granting certain rights to the Pallinghurst Parties in connection with the 2022 Private Placement (see "Description of Capital Structure – Convertible Notes – 2022 Private Placement – Investment Agreements");
- the *Convention de souscription d'un billet convertible* dated October 19, 2022, between IQ and the Corporation for a principal amount of approximately US$12,5 million (see "Description of Capital Structure – Convertible Notes – 2022 Private Placement – Investment Agreements");
- the Convertible Note Subscription Agreement dated October 19, 2022, between Mitsui and the Corporation for a principal amount of approximately US$25 million (see "Description of Capital Structure – Convertible Notes – 2022 Private Placement – Investment Agreements");
- the Convertible Note Subscription Agreement dated October 19, 2022, between Pallinghurst Bond and the Corporation for a principal amount of approximately US$12,5 million (see "Description of Capital Structure – Convertible Notes – 2022 Private Placement – Investment Agreements");
- the Letter Agreement dated October 19, 2022, between Mitsui and the Corporation (see "Description of Capital Structure – Convertible Notes – 2022 Private Placement – Investment Agreements");

- the Royalty Purchase Agreement dated July 14, 2020 between the Corporation and Pallinghurst Graphite (see “Description of Capital Structure – Pallinghurst Royalty”);
- the underwriting agreement dated January 15, 2021 between the Corporation and BMO (see “Three-Year History - Fiscal Year Ended December 31, 2021 – Issuances for Cash Consideration”);
- the underwriting agreement dated June 18, 2021 between the Corporation, BMO Nesbitt Burns Inc. and Evercore Group L.L.C. (see “Three-Year History - Fiscal Year Ended December 31, 2021 – Issuances for Cash Consideration”); and
- the equity distribution agreement dated January 21, 2022 between the Corporation, Canaccord Genuity Corp., Canaccord Genuity LLC, B. Riley Securities, Inc. and Roth Capital Partners LLC. (see “Three-Year History - Fiscal Year Ended December 31, 2022 and up to the date of this Annual Information Form – Issuances for Cash Consideration”).

INTERESTS OF EXPERTS

2022 TECHNICAL REPORT

Certain information of a scientific or technical nature in respect of the Matawinie Graphite Property contained in this Annual Information Form is based on the 2022 Technical Report. The Authors of the 2022 Technical Report, namely Mr. André Allaire, P.Eng., PhD, Mr. Jeffrey Cassoff, P.Eng., Mr. Bernard-Olivier Martel, P. Geo., Mr. Simon Fortier, P.Eng., and Mr. Yann Camus, P.Eng. have reviewed and approved the scientific and technical information summarized from the 2022 Technical Report and contained in this Annual Information Form. The Authors of the 2022 Technical Report are considered, by virtue of their education, experience and professional association, to be “qualified person” within the meaning of NI 43-101.

The 2022 Technical Report was prepared by the Authors of the 2022 Technical Report, as this term is defined above. As of the date of this Annual Information Form, Mr. André Allaire, P.Eng., PhD, Mr. Jeffrey Cassoff, P.Eng., Mr. Bernard-Olivier Martel, P. Geo., Mr. Simon Fortier, P.Eng., Mr. Yann Camus, P.Eng., each of whom is a “qualified person” within the meaning of NI 43-101, had no beneficial or registered interests, direct or indirect, in the Corporation’s securities or properties.

UATNAN MINING PROJECT REPORT

Certain information of a scientific or technical nature in respect of the Uatnan Mining Property contained in this Annual Information Form is based on the Uatnan Mining Project Report. The Authors of the Uatnan Mining Project Report, namely Mr. André Allaire, P.Eng., M.Eng., PhD, Mr. Jeffrey Cassoff, P.Eng., Mrs. Vera Gella, P.Eng., Mr. Merouane Rachidi, P.Geo., Ph.D. and Mr. Claude Duplessis, P.Eng have reviewed and approved the scientific and technical information summarized from the Uatnan Mining Project Report and contained in this Annual Information Form. The Authors of the Uatnan Mining Project Report are considered, by virtue of their education, experience and professional association, to be “qualified person” within the meaning of NI 43-101.

The PEA was prepared by the Authors of the Uatnan Mining Project Report, as this term is defined above. As of the date of this Annual Information Form, Mr. André Allaire, P.Eng., M.Eng., PhD, Mr. Jeffrey Cassoff, P.Eng., Mrs. Vera Gella, P.Eng., Mr. Merouane Rachidi, P.Geo., Ph.D., Mr. Claude Duplessis, P.Eng., each of whom is a “qualified person” within the meaning of NI 43-101, had no beneficial or registered interests, direct or indirect, in the Corporation’s securities or properties.

AUDITORS

The auditors of the Corporation are PwC, a partnership of Chartered Professional Accountants, located at 1250 René-Lévesque Boulevard West, Suite 2500, Montréal, Québec, H3B 4Y1. PwC has advised the Corporation that it is independent with respect to the Corporation within the meaning of the *Code of ethics of chartered professional accountants* (Québec) and in accordance with the applicable rules and regulations of the Public Company Accounting Oversight Board (U.S.).

ADDITIONAL INFORMATION

Additional information regarding the Corporation, including directors' and officers' remuneration and indebtedness, principal holders of the Corporation's securities and securities authorized for issuance under equity compensation plans, is contained in the Corporation's management proxy circular for the most recent annual general and special meeting of the Corporation, which is available under the Corporation's profile on SEDAR at www.sedar.com.

Additional financial information regarding the Corporation is provided in the audited annual financial statements and the management's discussion and analysis of the Corporation for the fiscal year ended December 31, 2022, which are available under the Corporation's profile on SEDAR at www.sedar.com and on EDGAR at www.sec.gov.

Additional information regarding the Corporation is also available under the Corporation's profile on SEDAR at www.sedar.com and on EDGAR at www.sec.gov.

SCHEDULE “A”

CHARTER OF THE AUDIT COMMITTEE

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AUDIT COMMITTEE CHARTER

NOUVEAU MONDE GRAPHITE



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1. PURPOSE AND ROLE

The Audit Committee is a committee of the board of directors (the"**Board**") of Nouveau Monde Graphite Inc. (the "**Corporation**"). The Audit Committee reports to the Board. The purpose of the Audit Committee is to assist the Board in its oversight of:

A. the integrity of the financial statements, the financial reporting process and related information;

B. the independence, qualifications, appointment and performance of the external auditor;

C. compliance with applicable legal and regulatory requirements;

D. disclosure, internal controls and internal audit procedures; and

E. risk management processes;

In addition, the Audit Committee provides an avenue for communication between the external auditor, management, and other employees of the Corporation, as well as the Board, concerning accounting and auditing matters.

2. COMPOSITION OF THE COMMITTEE

The Audit Committee shall consist of such number of directors, in no event to be less than three, as the Board may from time to time by resolution determine. All members of the Audit Committee shall meet the independence test and other membership requirements within the meaning of National Instrument 52-110 – *Audit Committees* of the Canadian Securities Administrators, and under other applicable laws, rules and regulations and listing requirements as determined by the Board. Each member of the Audit Committee shall continue to be a member until next annual meeting of the shareholders of the Corporation or a successor is appointed, unless the member resigns, is removed or ceases to be a director of the Corporation. The Board may fill a vacancy that occurs in the Audit Committee at any time.

Each member shall be financially literate or must become financially literate within a reasonable period of time after his or her appointment to the Audit Committee. For these purposes, an individual is financially literate if he or she has 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 reasonably be expected to be raised by the Corporation's financial statements. At least one member of the Committee will have accounting or related financial management experience or expertise and such person shall be designated the "audit committee financial expert" for the purposes of applicable laws, rules and regulations and listing requirements.

The Chair of the Audit Committee shall be designated by the Board. The Audit Committee Chair leads the Audit Committee in all aspects of its work and is responsible to effectively manage the affairs of the Audit Committee and ensure that it is properly organized and functions efficiently. The Audit Committee Chair shall:

A. Provide leadership to enable the Audit Committee to act effectively in carrying out its duties and responsibilities as described elsewhere in this Charter and as otherwise may be appropriate;

B. Chair meetings of the Audit Committee;

C. In consultation with the other members of the Audit Committee and the Chief Financial Officer (the "CFO"), determine the frequency, dates and locations of meetings of the Audit Committee;

D. In consultation with the CFO, review the annual work plan and the meeting agendas to ensure all required business is brought before the Audit Committee to enable it to efficiently carry out its duties and responsibilities;

E. Report to the Board on the matters reviewed by, and on any decisions or recommendations of, the Audit Committee at the next meeting of the Board following any meeting of the Audit Committee;

F. Review expenses of the CEO; and

G. Carry out any special assignments or any functions as requested by the Board.

If the Chair is not present at a meeting of the Audit Committee, the members of the Audit Committee may designate an interim Chair for the meeting by majority vote of the members present.

Unless otherwise determined by resolution of the Board, the Secretary of the Corporation shall be the Secretary of the Audit Committee, provided that if the Secretary is not present, the Chair of the meeting may appoint a secretary for the meeting with the consent of the Audit Committee members who are present.

3. OPERATIONS OF THE COMMITTEE

The Audit Committee will meet at least four times in each fiscal year and at least once in every fiscal quarter. The Audit Committee shall have the authority to convene additional meetings as circumstances require.

Meetings shall be convened whenever requested by the external auditor or any member of the Audit Committee in accordance with applicable law. The Audit Committee shall meet separately and periodically with management and the external auditor and may meet with legal counsel or other advisors if necessary. The Audit Committee shall meet periodically with the external auditor without management being present. The Audit Committee shall meet periodically in the absence of management when the Audit Committee deems necessary.

All members of the Audit Committee are expected to attend all meetings and review, in advance, the meeting materials.

Unless otherwise determined from time to time by resolution of the Board, the quorum at any meeting of the Audit Committee is a majority of members in office. At a meeting, any question shall be decided by a majority of the votes cast by members of the Audit Committee, except where only two members are present, in which case any question shall be decided unanimously.

Agendas for meetings of the Audit Committee shall be developed by the Chair of the Audit Committee in consultation with the CFO and shall be circulated to Audit Committee members as far in advance of each Audit Committee meeting as is reasonable.

The Audit Committee shall keep such records as it may deem necessary of its proceedings and shall report regularly its activities and recommendations to the Board as appropriate.

4. RESOURCES AND AUTHORITY

The Audit Committee shall have the resources and the authority to discharge its responsibilities, including the authority, in its sole discretion, to engage, at the expense of the Corporation, outside consultants, independent legal counsel and other advisors and experts as it determines necessary to carry out its duties, without seeking approval of the Board or management.

The Audit Committee shall have the authority to conduct any investigation necessary and appropriate to fulfilling its responsibilities and has direct access to and the authority to communicate directly with the external auditor, the counsel of the Corporation and other officers and employees of the Corporation.

The members of the Audit Committee shall have the right for the purpose of performing their duties to inspect all the books and records of the Corporation and to discuss such accounts and records and any matters relating to the financial position, risk management and internal controls of the Corporation with the officers and external auditor of the Corporation. Any member of the Audit Committee may require the external auditor or any officers or employees of the Corporation to attend any or every meeting of the Audit Committee.

5. DUTIES AND RESPONSIBILITIES

The Corporation's management is responsible for preparing the Corporation's financial statements and the external auditor are responsible for auditing those financial statements. The Audit Committee is responsible for overseeing the conduct of those activities by the Corporation's management and external auditor.

The Audit Committee shall perform the functions customarily performed by audit committees and any other functions assigned by the Board. The specific responsibilities of the Audit Committee shall include those listed below. The enumerated responsibilities are not meant to restrict the Audit Committee from examining any matters related to its purpose.

A. FINANCIAL REPORTING PROCESS AND FINANCIAL STATEMENTS

The Audit Committee shall:

1. In consultation with the external auditor, review the integrity of the Corporation's financial external reporting process and any major issues as to the adequacy of the internal controls.

2. Review, discuss all material related party transactions, insider transactions, and off-balance sheet structures.

3. Review and discuss with management and the external auditor, as required:

    a. the preparation of the Corporation's annual audited consolidated financial statements and its interim unaudited consolidated financial statements, and whether the financial statements are presented in accordance with the appropriate accounting policies.
    b. the auditor's report prepared by the external auditor.
    c. any corporate governance issues which could significantly affect the financial statements.

4. Following completion of the annual audit or any interim review, discuss with each of: (i) management; and (ii) the external auditor; any significant issues, concerns or difficulties encountered during the course of the work.

5. Resolve disagreements between management and the external auditor regarding financial reporting.

6. Review and recommend to the Board for approval, the interim quarterly and annual financial statements, Management's Discussion and Analysis and profit or loss press releases before the issuer publicly discloses this information, as the case may be.

7. To the extent not previously reviewed by the Audit Committee, review and recommend to the Board for approval, all financial statements included in any prospectus or offering memoranda, proxy statement and

all other significant financial reports required by government or regulatory authorities and/or requiring approval by the Board (including any use of pro-forma or non-IFRS information).

B. OVERSIGHT OF THE EXTERNAL AUDITOR

The Audit Committee shall:

1. Require the external auditor to report directly to the Audit Committee.

2. Be directly responsible for the selection, nomination, compensation, retention, termination and oversight of the work of the Corporation's external auditor engaged for the purpose of preparing or issuing an auditor's report or performing other audit, review or attest services for the Corporation, and in such regard recommend to the Board the external auditor to be nominated for approval by the shareholders.

3. Approve all audit engagements and pre-approve the provision by the external auditor of all non-audit services, including fees and terms for all audit engagements and non-audit engagements, and in such regard the Audit Committee may establish the types of non-audit services the external auditor shall be prohibited from providing and shall establish the types of audit, audit related and non-audit services for which the Audit Committee will retain the external auditor. The Audit Committee may delegate to one or more of its independent members the authority to pre-approve non-audit services, provided that any such delegated pre-approval shall be exercised in accordance with the types of particular non-audit services authorized by the Audit Committee to be provided by the external auditor and the exercise of such delegated pre-approvals shall be presented to the full Audit Committee at its next scheduled meeting following such pre-approval.

4. Review and approve the Corporation's policies for the hiring of partners and employees and former partners and employees of the present and former external auditors.

5. At least annually, obtain the audit plan of the external auditor, and discuss with the management and external auditor the scope, planning and staffing of the annual audit, and review and approve the audit plan.

6. Obtain and review a formal report by the external auditor to be submitted at least annually regarding: (i) the external auditing firm's internal quality-control procedures; and (ii) any material issues raised by the external auditor's own most recent internal quality-control review or peer review of the auditing firm, or by any inquiry or investigation by governmental or professional authorities within the preceding five years respecting one or more independent audits carried out by the external auditor, and any steps taken to deal with any such issues.

7. At least annually, consider, assess, and report to the Board on:

    a. the independence of the external auditor, including that the external auditor's performance of permitted non-audit services does not impair the external auditor's independence, including the external auditor's formal written statement: (i) delineating all relationships between the external auditor and the Corporation; (ii) assuring that lead audit partner rotation is carried out, as required by law; and (iii) delineating any other relationships that may adversely affect the independence of the external auditor; and

    b. the evaluation of the external auditor, taking into account the opinions of management.

C. OVERSIGHT OF THE CORPORATION'S INTERNAL CONTROL SYSTEM

The Audit Committee shall:

1. Oversee management's reporting on internal controls, including the reliability and effective operation of the Corporation's accounting system and internal controls.

2. Understand the scope of the design and effectiveness of the Corporation's internal control over financial reporting.

3. Review and discuss with management and the external auditor, monitor, report and, where appropriate, provide recommendations to the Board on the following:

   a. the Corporation's systems of internal controls over financial reporting;

   b. compliance with the policies and practices of the Corporation relating to business ethics;

   c. compliance by directors, officers and other management personnel with the Disclosure Policy; and

   d. the relationship of the Audit Committee with other committees of the Board and with management.

4. Review and discuss with the CEO and CFO of the Corporation the process for the certifications to be provided in the Corporation's public disclosure documents, as required by National Instrument 52-109 - *Certification of Disclosure in Issuer's Annual and Interim Filings* and any other applicable law or stock exchange rule.

5. Establish procedures for the receipt, retention, and treatment of complaints received by the Corporation regarding accounting, internal accounting controls or auditing matter and procedures for the confidential, anonymous submissions by employees of the Corporation of concerns regarding questionable accounting or auditing matters.

6. The Chief Legal Officer will report to the Audit Committee, and the Audit Committee will review such reports, on any fraud, whether or not material, that involves management or other employees who have a significant role in the Corporation's internal controls. Where the CEO or the CFO is named in a complaint, the Board Chair will speak directly with the Audit Committee Chair.

D. OVERSIGHT OF THE CORPORATION'S RISK MANAGEMENT

1. Review, monitor, report and, where appropriate, provide recommendations to the Board on the Corporation's major business, operational, and financial risk exposures and the guidelines, policies and practices regarding risk assessment and risk management.

2. Review, monitor, report and, where appropriate, provide recommendations to the Board on the Corporation's compliance with internal policies and practices regarding risk assessment and risk management and the Corporation's progress in remedying any material deficiencies thereto.

E. ADDITIONAL RESPONSIBILITIES

The Audit Committee shall:

1. Review any employee complaints or published reports that raise material issues regarding the Corporation's financial statements or accounting policies.

2. Review the adequacy of the resources of the finance and accounting group.

3. Report regularly to the Board, including with regard to matters such as the quality or integrity of the Corporation's financial statements, compliance with legal or regulatory requirements and the performance and independence of the external auditor.

4. Prepare and review with the Board an annual performance evaluation of the Audit Committee.

5. Review and reassess the adequacy of the Audit Committee's Charter on an annual basis.

6. Review the Corporation's compliance with respect to the legal and regulatory matters which may have a material effect on its financial statements, including with respect to pending or threatened material litigation.

7. To the extent permitted by law, consider waivers of the Code of Conduct of the Corporation applicable to members of the Governance, Compliance and Legal Committee, and if appropriate, grant any such waivers.

8. Hold executive sessions that allows the audit committee to meet privately with key members of executive management, the independent auditor, the internal auditors, and/or the Chief Legal Officer to discuss any sensitive issues.

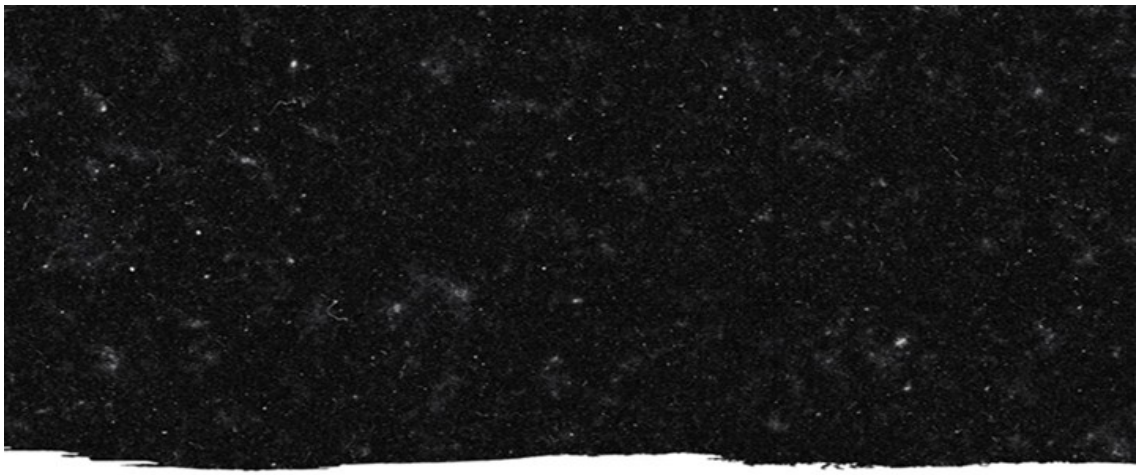
6. LIMITATION ON DUTIES OF THE COMMITTEE

The Committee shall discharge its responsibilities and shall assess the information provided by the Corporation's management and any external advisors, including the external auditor, in accordance with its business judgment. Committee members are not full-time employees of the Corporation and are not, and do not represent themselves to be, professional accountants or auditors. The authority and responsibilities set forth in this Charter do not create any duty or obligation of the Committee to (i) plan or conduct any audits, (ii) determine or certify that the Corporation's financial statements are complete, accurate, fairly presented or in accordance with IFRS or GAAP, as applicable, and applicable laws, regulation, rules or listing standards, (iii) guarantee the external auditor's reports, or (iv) provide any expert or special assurance as to internal controls or management of risk. Committee members are entitled to rely, absent knowledge to the contrary, on the integrity of the persons from whom they receive information, the accuracy and completeness of the information provided and management's representations as to any audit or non-audit services provided by the external auditor.

Nothing in this Charter is intended or may be construed as to impose on any Committee member or the Board a standard of care or diligence that is in any way more onerous or extensive than the standard to which the directors are subject under applicable law. This Charter is not intended to change or interpret the Corporation's amended articles of incorporation or by-laws or any law, regulation, rule or listing standard to which the Corporation is subject, and this Charter should be interpreted in a manner consistent with all such applicable laws, regulations, rules and listing standards. The Board may, from time to time, permit departures from the terms hereof, either prospectively or retrospectively, and no provision contained herein is intended to give rise to civil liability to the securityholders of the Corporation or other liability whatsoever.

This Charter was approved by the Board of Directors on May 19, 2021

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FINANCIAL STATEMENTS

Consolidated audited financial statements

For the years ended December 31, 2022 and 2021

(Expressed in thousands of Canadian dollars, except where otherwise indicated)

NOUVEAU MONDE GRAPHITE



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Report of Independent Registered Public Accounting Firm

To the Shareholders and Board of Directors of Nouveau Monde Graphite Inc.

Opinion on the Financial Statements
We have audited the accompanying consolidated statements of financial position of Nouveau Monde Graphite Inc. and its subsidiaries (together, the Company) as of December 31, 2022 and 2021, and the related consolidated statements of loss and comprehensive loss, changes in equity and cash flows for the years then ended, including the related notes (collectively referred to as the consolidated financial statements). In our opinion, the consolidated financial statements present fairly, in all material respects, the financial position of the Company as of December 31, 2022 and 2021, and its financial performance and its cash flows for the years then ended in conformity with International Financial Reporting Standards as issued by the International Accounting Standards Board.

Substantial Doubt About the Company's Ability to Continue as a Going Concern
The accompanying consolidated financial statements have been prepared assuming that the Company will continue as a going concern. As discussed in note 1 to the consolidated financial statements, the Company has suffered recurring losses from operations, has an accumulated deficit and requires additional financing in order to fund its development and acquisition activities and has stated that these conditions raise substantial doubt about its ability to continue as a going concern. Management's plans with regard to these matters are also described in note 1. The consolidated financial statements do not include any adjustments that might result from the outcome of this uncertainty.

Basis for Opinion
These consolidated financial statements are the responsibility of the Company 's management. Our responsibility is to express an opinion on the Company's consolidated financial statements based on our audits. We are a public accounting firm registered with the Public Company Accounting Oversight Board (United States) (PCAOB) and are required to be independent with respect to the Company in accordance with the U.S. federal securities laws and the applicable rules and regulations of the Securities and Exchange Commission and the PCAOB.

We conducted our audits of these consolidated financial statements in accordance with the standards of the PCAOB. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the consolidated financial statements are free of material misstatement, whether due to error or fraud. The Company is not required to have, nor were we engaged to perform, an audit of its internal control over financial reporting. As part of our audits we are required to obtain an understanding of internal control over financial reporting but not for the purpose of expressing an opinion on the effectiveness of the Company's internal control over financial reporting. Accordingly, we express no such opinion.

Our audits included performing procedures to assess the risks of material misstatement of the consolidated financial statements, whether due to error or fraud, and performing procedures that respond to those risks. Such procedures included examining, on a test basis, evidence regarding the amounts and disclosures in the consolidated financial statements. Our audits also included evaluating the accounting principles used and significant estimates made by management, as well as evaluating the overall presentation of the consolidated financial statements. We believe that our audits provide a reasonable basis for our opinion.

/s/PricewaterhouseCoopers LLP

Montréal, Quebec, Canada
March 23, 2023

We have served as the Company 's auditor since 2017.



CONSOLIDATED STATEMENTS OF FINANCIAL POSITION

	Notes	As at December 31, 2022	As at December 31, 2021
ASSETS			
CURRENT			
Cash and cash equivalents	6	59,924	62,355
Grants receivable and other current assets	12	3,983	3,096
Sales taxes receivable		1,972	2,002
Tax credits receivable		4,362	3,958
Restricted cash and deposits		621	—
Prepaid expenses		3,062	2,768
Total current assets		**73,924**	**74,179**
NON-CURRENT			
Tax credits receivables		5,458	5,509
Investment - Listed shares	7	800	—
Property, plant and equipment	8	64,135	42,103
Intangible assets	9	182	481
Right-of-use assets	10	2,656	2,254
Restricted cash and deposits		2,919	1,823
Total non-current assets		**76,150**	**52,170**
Total assets		**150,074**	**126,349**
LIABILITIES			
CURRENT			
Accounts payables and accrued liabilities	11	15,429	15,193
Deferred grants		20	—
Current portion of lease liabilities	13	431	329
Current portion of borrowings	14	225	208
Total current liabilities		**16,105**	**15,730**
NON-CURRENT			
Asset retirement obligation	16	952	1,009
Borrowings	14	1,763	1,921
Lease liabilities	13	2,386	1,994
Convertible notes	15	56,544	—
Total non-current liabilities		**61,645**	**4,924**
Total liabilities		**77,750**	**20,654**
EQUITY			
Share capital	17.1	210,786	206,483
Other reserves	15	829	—
Contributed surplus		25,313	16,102
Deficit		(164,604)	(116,890)
Total equity		**72,324**	**105,695**
Total liabilities and equity		**150,074**	**126,349**
Going Concern	1		
Commitments	28		

APPROVED BY THE BOARD OF DIRECTORS
(s) Eric Desaulniers – “Director”
(s) Daniel Buron – “Director”
The accompanying notes are an integral part of the consolidated financial statements



CONSOLIDATED STATEMENTS OF LOSS AND COMPREHENSIVE LOSS

	Notes	For the years ended December 31, 2022 $	December 31, 2021 $
EXPENSES			
Exploration and evaluation expenses	18	7,427	8,362
Battery Material Plant project expenses	19	19,090	5,976
General and administrative expenses	20	28,674	24,203
Other income		—	(57)
Operating loss		**55,191**	**38,484**
Net financial costs (income)	21	(7,877)	1,006
Loss before tax		**47,314**	**39,490**
Income tax	22	400	400
Net loss and comprehensive loss		**47,714**	**39,890**
Basic loss per share	17.2	**(0.86)**	**(0.93)**
Diluted loss per share	17.2	**(0.90)**	**(0.93)**

The accompanying notes are an integral part of the consolidated financial statements.



CONSOLIDATED STATEMENTS OF CHANGES IN EQUITY

	Notes	Number	Share capital $	Contributed surplus and warrants $	Other reserves $	Deficit $	Total equity $
Balance as at January 1, 2022		**55,118,316**	**206,483**	**16,102**	**—**	**(116,890)**	**105,695**
Shares issued from offering	17.1	502,082	3,987	—	—	—	3,987
Options exercised	17.4	253,500	1,153	(417)	—	—	736
Share-based compensation	17.4	—	—	9,628	—	—	9,628
Settlement of interests on 2022 Convertible Notes	15	—	—	—	829	—	829
Share issue costs		—	(837)	—	—	—	(837)
Net loss and comprehensive loss		—	—	—	—	(47,714)	(47,714)
Balance as at December 31, 2022		**55,873,898**	**210,786**	**25,313**	**829**	**(164,604)**	**72,324**

	Notes	Number	Share capital $	Contributed surplus and warrants $	Equity component of convertible note $	Deficit $	Total equity (deficiency) $
Balance as at January 1, 2021		**27,299,332**	**60,537**	**10,761**	**364**	**(77,000)**	**(5,338)**
Shares issued from placements	17.1	11,479,977	114,242	—	—	—	114,242
Warrants exercised	17.3	7,821,700	17,825	(198)	—	—	17,627
Options exercised	17.4	720,201	3,339	(1,137)	—	—	2,202
Shares issued for interest payment	15 - 17.1	297,106	2,697	—	—	—	2,697
Share-based compensation	17.4	—	—	6,676	—	—	6,676
Share issue costs		—	(7,170)	—	—	—	(7,170)
Conversion of 2020 Convertible Note	15 - 17.1	7,500,000	15,013	—	(364)	—	14,649
Net loss and comprehensive loss		—	—	—	—	(39,890)	(39,890)
Balance as at December 31, 2021		**55,118,316**	**206,483**	**16,102**	**—**	**(116,890)**	**105,695**

The accompanying notes are an integral part of the consolidated financial statements.



CONSOLIDATED STATEMENTS OF CASH FLOWS

	Notes	For the years ended December 31, 2022 $	December 31, 2021 $
OPERATING ACTIVITIES			
Net loss		(47,714)	(39,890)
Depreciation and amortization	8-10	4,557	1,095
Change in fair value - listed shares	7	1,700	—
Change in fair value - embedded derivatives	15	(11,059)	—
Interest on convertible notes	15	829	—
Unrealized foreign exchange loss (gain)		352	(1,022)
Loss on disposal of property, plant and equipment	20	—	5
Share-based compensation	17.4	8,706	6,676
Accretion included within financial costs	21	816	2,058
Net change in working capital	23	(3,068)	(3,247)
Cash flows used in operating activities		**(44,881)**	**(34,325)**
INVESTING ACTIVITIES			
Additions to property, plant, and equipment	8	(26,678)	(36,984)
Investment made in listed shares	7	(2,500)	—
Restricted cash and deposits		(1,641)	(921)
Grants received	12	2,821	3,327
Cash flows used in investing activities		**(27,998)**	**(34,578)**
FINANCING ACTIVITIES			
Proceeds from offering	17.1	3,987	114,242
Proceeds from convertible notes, net of issue costs	15	67,042	—
Proceeds from borrowings, net of issue costs	14	—	1,189
Repayment of borrowings and lease liabilities	13, 14	(594)	(2,408)
Proceeds from the exercise of warrants	17.3	—	17,627
Proceeds from the exercise of stock options	17.4	736	2,202
Share issue costs		(878)	(7,121)
Cash flows from financing activities		**70,293**	**125,731**
Effect of exchange rate changes on cash		155	1,007
Net change in cash and cash equivalents		**(2,431)**	**57,835**
Cash and cash equivalents at the beginning of the year		62,355	4,520
Cash and cash equivalents at the end of the year		**59,924**	**62,355**
Non-cash investing and financing activities	23		

The accompanying notes are an integral part of the consolidated financial statements.

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

1. NATURE OF OPERATIONS AND GOING CONCERN

Nouveau Monde Graphite Inc. (the "Company", or "parent company") was established on December 31, 2012, under the *Canada Business Corporations Act*. The Company specializes in exploration, evaluation and development of mineral properties located in Québec and is developing a natural graphite-based anode material that would qualify as battery-grade material to supply the lithium-ion industry.

The Company's shares are listed under the symbol NMG on the New York Stock Exchange , NOU on the TSX Venture Exchange ("TSXV"), and NM9A on the Frankfurt Stock Exchange. The Company's registered office is located at 481 Brassard Street, Saint-Michel-des-Saints, Québec, Canada, J0K 3B0.

These consolidated financial statements have been prepared using International Financial Reporting Standards ("IFRS") as issued by the International Accounting Standards Board ("IASB") applicable to a going concern, which contemplates the realization of assets and settlement of liabilities in the normal course of business as they come due for the foreseeable future.

During the year ended December 31, 2022, the Company reported net loss after tax of $ 47.7 million; cash outflows from operating activities of $44.9 million and an accumulated deficit of $ 164.6 million and has yet to generate positive cash flows or earnings. Based on all available information about the future, which includes at least, but not limited to, the next twelve months, management believes that without additional funding, the Company does not have sufficient liquidity to pursue its planned expenditures over the next twelve months.

These circumstances indicate the existence of material uncertainties that cast substantial doubt as to the ability of the Company to continue as a going concern and accordingly, the appropriateness of the use of accounting principles applicable to a going concern. In recognition of these circumstances, the Company completed a private placement of unsecured Convertible Notes of $67.2 million (US$50 million) (Note 15) in November 2022.

The Company's ability to continue future operations and fund its development and acquisition activities is dependent on management's ability to secure additional financing in the future, which may be completed in a number of ways including, but not limited to, the issuance of debt or equity instruments, expenditure reductions, or a combination of strategic partnerships, joint venture arrangements, project debt finance, offtake financing, royalty financing and other capital markets alternatives. While management has been successful in securing financing in the past, there can be no assurance it will be able to do so in the future or that these sources of funding or initiatives will be available for the Company or that they will be available on terms which are acceptable to the Company.

These consolidated financial statements do not reflect the adjustments to the carrying values of assets and liabilities, expenses and financial position classifications that would be necessary if the going concern assumption was not appropriate. These adjustments could be significant.

2. BASIS OF PREPARATION AND STATEMENT OF COMPLIANCE

The Company's consolidated financial statements have been prepared in accordance with the International Financial Reporting Standards ("IFRS"), as published by the International Accounting Standards Board ("IASB").

The accounting policies set out in note 3 were consistently applied to all years presented in these consolidated financial statements except as otherwise stated.

The consolidated financial statements for the year ended December 31, 2022 were approved and authorized for publication by the Board of Directors on March 23, 2023.

3. SIGNIFICANT ACCOUNTING POLICIES

3.1 BASIS OF CONSOLIDATION

The Company's consolidated financial statements consolidate those of the parent company and its subsidiaries. The parent controls a subsidiary if it is exposed, or has rights, to variable returns from its involvement with the subsidiary, and could affect those returns through its power over the subsidiary.

All transactions and balances between group companies are eliminated upon consolidation, including unrealized gains and losses on transactions between group companies. Amounts reported in the financial statements of the subsidiary have been adjusted where necessary to ensure consistency with the accounting policies adopted by the Company.

Profit and loss and other comprehensive income of subsidiaries acquired or sold during the period are recognized from the effective date of the acquisition, or up to the effective date of disposal, as applicable.

Subsidiaries

Information on the Company's subsidiaries as at December 31, 2022, all of which are wholly-owned, is as follows:

NAME OF SUBSIDIARY	PRINCIPAL ACTIVITY	COUNTRY OF INCORPORATION	YEAR OF INCORPORATION
Quartier Nouveau Monde Inc.	Real estate company	Canada	2017
Nouveau Monde Europe LTD	Trading company	England and Wales	2020

3.2 FUNCTIONAL AND REPORTING CURRENCY

The group's consolidated financial statements are presented in Canadian dollars, which is also the functional currency of the parent company and its subsidiaries and the presentation currency.

Transactions in foreign currencies are initially recorded at their functional currency spot rates at the date of the transaction. Monetary assets and liabilities denominated in foreign currencies are translated at the functional currency spot rates of exchange at the reporting date. All differences are taken to the statement of loss and comprehensive loss.

Non-monetary items that are measured at historical cost in a foreign currency are translated using the exchange rates at the dates of the initial transaction.

3.3 CASH AND CASH EQUIVALENTS

Cash and cash equivalents consist of cash in bank, and short-term deposits with a maturity of less than three months.

3.4 TAX CREDITS RECEIVABLE

The Company is entitled to a refundable tax credit on qualified exploration expenditures incurred, refundable credit on duties for losses under the *Mining Tax Act* (Quebec) and research and development tax credits. The tax credits are recognized as a reduction of the costs incurred based on estimates made by management. The Company records these tax credits when there is reasonable assurance that the credits will be received and that the Company will continue to comply with the conditions associated with them.

3.5 GRANTS RECEIVABLE

The Company periodically receives grants from different incentive programs. These grants are recognized initially when there is a reasonable assurance that they will be received and when the Company has intentions to comply with the conditions associated with

the grant. The financial aid received for expenditures incurred is recognized against these expenditures on a systematic basis and in the same accounting period in which the expenditures are incurred.

3.6 RESEARCH AND DEVELOPMENT COSTS

Research costs are expensed during the year in which the expenses are incurred. Development costs are capitalized when they meet the criteria for capitalization in accordance with IAS 38 *Intangible Assets*.

3.7 PROPERTY PLANT AND EQUIPMENT

Property, plant and equipment are recognized at cost less accumulated depreciation and accumulated impairment losses. The assets are capitalized and depreciated on a straight-line basis in the consolidated statement of loss and comprehensive loss. Generally, the depreciation rates are as follows:

Buildings	10-25 years
Equipment	2-15 years
Furnitures	3-7 years
Computers	3 years
Rolling Stock	5 years

The residual value, depreciation method and the useful life of each asset are reviewed at least at each financial year-end. Gains or losses arising on the disposal of property and equipment are determined as the difference between the disposal proceeds and the carrying amount of the assets and are recognized in the statement of loss and comprehensive loss.

Borrowing costs

Borrowing costs attributable to the acquisition, development or construction of qualifying assets, which are assets that necessarily take a substantial period of time to get ready for their intended use, are capitalized to the cost of those assets, until such time as the assets are substantially ready for their intended use. Interests on long-term debt are capitalized in assets under construction until substantially all the activities necessary to prepare the asset for its intended use are complete. Otherwise, borrowing costs are expensed as incurred in profit or loss. Borrowing costs incurred during the year attributable to acquisition, development or construction of qualifying assets were not material.

3.8 INTANGIBLE ASSETS

The intangible assets include software and licenses with a definite useful life. The assets are capitalized and amortized on a straight-line basis in the consolidated statement of loss and comprehensive loss. The intangible assets are assessed for impairment whenever there is an indication that the intangible assets may be impaired.

Generally, the depreciation rates are as follows:

Software	2 years
Licenses	2-10 years

3.9 MATAWINIE MINE PROJECT

Management established that effective from the beginning of the second quarter of 2021, the Matawinie mine project is in the development phase. Accordingly, all expenditures related to the development of the mine are capitalized under *Mine under construction* within Property, plant and equipment (see note 8). Capitalized expenditures will be carried at cost until the Matawinie project is placed into commercial production, sold, abandoned, or determined by management to be impaired in value. The

equipment, building and the mine site are not yet in use as at December 31, 2022, therefore, the depreciation will begin when the assets are ready for their intended use.

The costs related to the operation of the Matawinie Demonstration Plant will continue to be expensed as incurred under *exploration and evaluation expenses*, unless the expenditures meet the recognition criterias set in IAS 16 *Property, plant and equipment* or IAS 38 *Intangible assets.*

3.10 BATTERY MATERIAL PLANT PROJECT

Costs incurred for the construction of the Company's Battery Material Plant project, such as the shaping and coating demonstration plants, are capitalized under Battery Material Demonstration Plant within Property, plant and equipment (See note 8). Capitalized expenditures will be carried at cost until the Battery Material Plant project is placed into commercial production, sold, abandoned, or determined by management to be impaired in value.

The costs related to the phase 2 Battery Material Plant and to the operation of the Battery Material Demonstration Plant will continue to be expensed as incurred under Battery Material Plant project expenses, unless the expenditures meet the recognition criterias set in IAS 16 Property, plant and equipment or IAS 38 Intangible assets.

3.11 IMPAIRMENT OF NON-FINANCIAL ASSETS

For the purposes of assessing impairment, assets are grouped at the lowest levels for which there are largely independent cash inflows (cash-generating units). As a result, some assets are tested individually for impairment, and some are tested at a cash-generating unit level.

Whenever events or changes in circumstances indicate that the carrying amount may not be recoverable, an asset or cash-generating unit is reviewed for impairment.

An impairment loss is recognized in statement of loss and comprehensive loss for the amount by which the assets or cash-generating unit's carrying amount exceeds its recoverable amount. The recoverable amount of an asset or a cash-generating unit is the higher of its fair value less cost to sell and its value in use.

An impairment charge is reversed if the assets or cash-generating unit's recoverable amount exceeds its carrying amount.

3.12 INCOME TAXES

Income tax is recognized in the statements of loss and comprehensive loss except to the extent that it relates to items recognized directly in equity, in which case it is recognized in equity.

Current taxes

Current tax expense is the expected tax payable on the taxable income for the year, using tax rates enacted or substantively enacted at year-end, adjusted for amendments to income tax payable regarding previous years.

Deferred taxes

Deferred tax is provided using the liability method, providing for temporary differences between the tax bases of assets and liabilities and their carrying amounts in the consolidated financial statements. The temporary difference is not provided for if it arises from the initial recognition of goodwill or the initial recognition of an asset or liability in a transaction other than a business combination that at the time of the transaction affects neither accounting nor taxable profit or loss. The amount of deferred tax provided is based on the expected manner of realization or settlement of the carrying amount of assets and liabilities, using tax rates enacted or substantively enacted at the financial position reporting date and whose implementation is expected over the period in which the

deferred tax is realized or recovered. A deferred tax asset is recognized only to the extent that it is probable that future taxable profits will be available against which the asset can be used.

Assets and liabilities are offset where the entity has a legally enforceable right to offset current tax assets and liabilities or deferred tax assets and liabilities, and the respective assets and liabilities relate to income taxes levied by the same taxation authority.

3.13 EQUITY

Share capital

Share capital represents the amount received on the issue of shares, less issuance costs, net of any underlying tax benefit from these issuance costs. In addition, if shares were issued as consideration for the acquisition of a mineral property or some other form of non-monetary assets, they are measured at their fair value according to the quoted price on the day of the conclusion of the agreement.

Contributed surplus and warrants

Contributed surplus includes charges related to share options not exercised and amounts attributable to expired warrants.

Other reserves

Other reserves relate to shares to be issued in relation to capitalized interest (Note 15)

3.14 BASIC AND DILUTED LOSS PER SHARE

Basic loss per share is calculated by dividing the loss attributable to common equity holders of the Company by the weighted average number of common shares outstanding during the period. Diluted earnings per share is calculated by adjusting loss attributable to common equity holders of the Company, and the weighted average number of common shares outstanding, for the effects of all dilutive potential common shares which include convertible debt, options, broker's options, and warrants. Dilutive potential common shares arising from option type instruments shall be deemed to have been exercised at the beginning of the period or, if later, at the date of issue of the potential common shares and the proceeds from their exercise used to repurchase common shares at the average market price. The if-converted method is used for the convertible notes.

3.15 PROVISION AND CONTINGENT LIABILITIES

Provisions are recognized when present legal or constructive obligations as a result of a past event will probably lead to an outflow of economic resources from the Company and amounts can be estimated reliably. Timing or amount of the outflow may still be uncertain. Provisions are measured at the estimated expenditure required to settle the present obligation, based on the most reliable evidence available at the reporting date, including the risks and uncertainties associated with the present obligation. Provisions are discounted when the time value of money is significant.

The Company's operations are governed by government environment protection legislation. Environmental consequences are difficult to identify in terms of amounts, timetable and impact. As of the reporting date, management believes that the Company's operations are in compliance with current laws and regulations. An asset retirement provision is recognized when there is constructive commitment that has resulted from past events, it is probable that an outflow of resources embodying economic benefits will be required to settle the obligation and the amount of the obligation can be measured with sufficient reliability.

In those cases where the possible outflow of economic resources as a result of present obligations is considered improbable or remote, no liability is recognized. Such situations are disclosed as contingent liabilities unless the outflow of resources is remote.

All provisions are reviewed at each reporting date and adjusted to reflect the current best estimate.

3.16 PROVISION FOR ASSET RETIREMENT OBLIGATION

Provision for environmental rehabilitation, restructuring costs and legal claims, where applicable, is recognized when:

i) The Company has a present legal or constructive obligation as a result of past events;
ii) It is probable that an outflow of resources will be required to settle the obligation;
iii) The amount can be reliably estimated.

The provision is measured at management's best estimate of the expenditure required to settle the obligation at the end of the reporting period, and is discounted to present value where the effect is material. The increase in the provision due to passage of time is recognized as finance costs. Changes in assumptions or estimates are reflected in the period in which they occur. Provision for environmental rehabilitation represents the legal and constructive obligations associated with the eventual closure of the Company's property, plant and equipment. These obligations consist of costs associated with reclamation and monitoring of activities and the removal of tangible assets. The discount rate used is based on a pre-tax rate that reflects current market assessments of the time value of money and the risks specific to the obligation, excluding the risks for which future cash flow estimates have already been adjusted.

3.17 SHARE-BASED PAYMENTS

The Company operates an equity-settled share-based payment plan for its eligible directors, officers, employees and consultants. The Company's plan does not feature any option for a cash settlement.

All goods and services received in exchange for the grant of any share-based payments are measured at their fair values unless that fair value cannot be estimated reliably. If the Company cannot estimate reliably the fair value of the goods or services received, the Company shall measure their value indirectly by reference to the fair value of the equity instruments granted. For the transactions with employees and others providing similar services, the Company measured the fair value of the services rendered by reference to the fair value of the equity instruments granted.

All equity-settled share-based payments (except broker's options) are ultimately recognized as an expense in profit or loss with a corresponding credit to Contributed surplus, in equity. Equity-settled share-based payments to brokers, in respect of an equity financing, are recognized as issuance costs of the equity instruments with a corresponding credit to Contributed surplus, in equity.

The expense is allocated over the vesting period, based on the best available estimate of the number of share options expected to vest. Estimates are subsequently revised if there is any indication that the number of share options expected to vest differs from previous estimates. Any cumulative adjustment prior to vesting is recognized in the current period. No adjustment is made to any expense recognized in a prior period if some vested share options are not ultimately exercised.

3.18 FINANCIAL INSTRUMENTS

Financial assets and financial liabilities are recognized when the Company becomes a party to the contractual provisions of the instrument and are measured initially at fair value adjusted for transaction costs, except for those carried at fair value through profit or loss ("FVTPL"), which are measured initially at fair value. The subsequent measurement of financial assets and financial liabilities is described below (and in note 26).

Financial assets are derecognized when the rights to receive cash flows from the assets have expired or have been transferred and the Company has transferred substantially all risks and rewards of ownership. A financial liability is derecognized when it is extinguished, discharged, cancelled, or expired.

Financial assets and financial liabilities are offset, and the net amount is reported in the statement of financial position when there is an unconditional and legally enforceable right to offset the recognized amounts and there is an intention to settle on a net basis or realize the asset and settle the liability simultaneously.

Financial assets

Financial assets are initially measured at fair value. If the financial asset is not subsequently accounted for at FVTPL, then the initial measurement includes transaction costs that are directly attributable to the asset's acquisition or origination. On initial recognition, the Company classifies its financial assets in the following measurement categories:

measured subsequently at amortized cost; or
measured subsequently at fair value (either through other comprehensive loss, or through net loss).

i) Financial assets measured at amortized cost

A financial asset is subsequently measured at amortized cost, using the effective interest method and net of any impairment loss, if:

the financial asset is held within a business model whose objective is to hold financial assets in order to collect contractual cash flows; and
the contractual terms of the financial asset give rise on specified dates to cash flows that are solely payments of principal and interest on the principal amount outstanding.

ii) Financial assets measured at fair value

A financial asset shall be measured at fair value through net loss unless it is measured at amortized cost or at fair value through other comprehensive loss.

A financial asset shall be measured at fair value through other comprehensive loss if both of the following conditions are met:

the financial asset is held within a business model whose objective is achieved by both collecting contractual cash flows and selling financial assets; and
the contractual terms of the financial asset give rise on specified dates to cash flows that are solely payments of principal and interest on the principal amount outstanding.

For investments in debt instruments, this will thus depend on the business model in which the investment is held. For investments in equity instruments that are not held for trading, this will depend on whether the Company has made an irrevocable election at the time of initial recognition to account for the equity investment at fair value through other comprehensive loss, in which case, gains and losses will never be reclassified to net loss, and no impairment may be recognized in net loss. Dividends earned from such investments are recognized in net loss, unless the dividend clearly represents a repayment of part of the cost of the investment.

Financial liabilities

Financial liabilities are subsequently measured at amortized cost using the effective interest method, except for financial liabilities at fair value through profit or loss. Such liabilities, including derivatives that are liabilities, shall be subsequently measured at fair value.

Financial instruments – Fair value

The fair value of a financial instrument is the amount for which an asset could be exchanged, or a liability settled, between knowledgeable, willing parties in an arm's-length transaction.

Fair values of financial instruments traded in active markets are determined based on quoted market prices, where available. For financial instruments not traded in an active market, fair values are determined based on appropriate valuation techniques. Such techniques may include discounted cash flow analysis, using recent arm's-length market transactions, reference to the current fair value of another instrument that is substantially the same, and other valuation models. The Company applies a hierarchy to classify valuation methods used to measure financial instruments carried at fair value. Levels 1 to 3 are defined based on the degree to which fair value inputs are observable and have a significant effect on the recorded fair value, as follows:

Level 1: Quoted prices (unadjusted) in active markets for identical assets or liabilities;
Level 2: Valuation techniques use significant observable inputs, directly or indirectly, or valuations are based on quoted prices for similar instruments; and
Level 3: Valuation techniques use significant inputs that are not based on observable market data (unobservable inputs).

Convertible Notes

2020 Convertible Notes

The convertible notes issued in 2020 was a compound financial instrument which the principal amounts, together with all accrued and unpaid or uncapitalized interest could be converted into a fixed number of common shares of the Company at the option of the holder.

The liability component of the compound instrument was established by discounting the contractual cash flow, the remaining balance, net of the issuance cost, was allocated to the equity component of the financial instrument.

2022 Convertible Notes

The conversion feature (which includes shares and warrants) and the prepayment feature of convertible notes issued to investors (see note 15) are considered embedded derivatives because their economic characteristics and risks are not closely related to the economic characteristics and risks of the host contract (the loan without the conversion feature and the prepayment feature). Therefore, the Company separates the embedded derivatives from the host contract and accounts for each element separately.

The conversion feature is classified as a derivative financial liability as the loan is denominated in a currency other than the Company's functional currency (and therefore its exercise price is not fixed in the Company's functional currency) and is convertible into both shares and warrants. The conversion feature and the prepayment feature are measured as a single compound embedded derivative since they relate to common risks and depend on each other. The embedded derivative is initially recognized at its fair value at the date of issuance. The host contract is initially recognized as the difference between total consideration received for the convertible loans less the fair value of the embedded derivative.

If, after considering the terms of the transaction, the Company determines that the fair value of a financial instrument at initial recognition differs from the transaction price, the difference is recognized in the statement of loss and comprehensive loss only if fair value is evidenced by quoted prices or based on a valuation technique that uses only data from observable markets. In all other cases, the difference is deferred and recognized systematically to the extent that it arises from a change in a factor (including time) that market participants would consider in setting a price. Any subsequent measurement of the instrument excludes the balance of the deferred amount.

Transaction costs directly attributable to the issuance of convertible loans with embedded derivatives are allocated to the host contract and deducted from its initial recognition amount.

Impairment of financial assets

The Company assesses on a forward-looking basis the expected credit loss associated with its debt instruments carried at amortized cost. The impairment methodology applied depends on whether there has been a significant increase in credit risk. This assumption is used principally for cash and related balances.

The Company assumes that the credit risk on a financial instrument has not increased significantly since initial recognition if the financial instrument is determined to have low credit risk at the reporting date. An external rating of investment grade is considered to indicate that a financial instrument may be considered as having low credit risk.

The Company applies the simplified approach for trade receivables and contrasct assets, which requires lifetime expected credit losses to be recognized from initial recognition of the receivables.

The Company's financial instruments consist of the following:

FINANCIAL ASSETS	CLASSIFICATION
Cash and cash equivalents	Amortized cost
Amounts receivable	Amortized cost
Grants and other receivables	Amortized cost
Investment in listed shares	Fair value through profit or loss

FINANCIAL LIABILITIES	CLASSIFICATION
Accounts payable and accrued liabilities	Amortized cost
Borrowings	Amortized cost
Convertible Notes (USD debt host)	Amortized cost
Convertible Notes (embedded derivatives)	Fair value through profit or loss

3.19LEASES

Leases are recognized as a right-of-use asset and a corresponding liability in lease liabilities at the date at which the leased asset is available for use by the Company.

The lease liability is initially measured at the present value of the future lease payment, including variable lease payment that depends on an index or a rate. The lease liability is discounted using the interest rate implicit in the contract if this rate can be easily determined, otherwise, the lessee must use his marginal borrowing rate.

The monthly lease payments are segregated between the principal repayment and the finance cost. The present value of the lease liability is increased to reflect the accretion of interest and decreased by the principal repayment. The accretion of interest is charged to the profit and loss over the lease period.

If a change to the lease were to happen, the lease liability would be remeasured to reflect those changes (e.g., changes in the lease term or changes in the lease payment).

The right-of-use assets are initially measured at cost, which includes the amount of the initial measurement of the lease liability and any lease payments made at or before the commencement date. The right-of-use assets are amortized on a straight-line basis over the duration of the lease.

Rental payments under short-term leases or leases with low-value underlying assets are recorded in operating expenses on a straight-line basis over the duration of the lease.

3.20SEGMENT DISCLOSURE

The Company currently operates in two segments: the Matawinie Mine Project and the Battery Material Plant project. The business segments presented reflect the management structure of the Company and the way in which the Company's chief operating decision maker reviews business performance. The Matawinie Mine Project and Battery Material Plant project were identified as separate segments due to their specific nature. Indeed, the nature of the products and services, the production processes, regulatory environment and the targeted customer are very different for each operating segment.

The measure of profit or loss for each segment corresponds to the amounts reported for Exploration and evaluation expenses and Battery Material Plant project expenses, respectively, in the consolidated statement of loss and comprehensive loss. All the Company's activities are conducted in Quebec, Canada.

4. ACCOUNTING STANDARDS ISSUED BUT NOT YET EFFECTIVE

Certain new accounting standards, amendments to accounting standards and interpretations have been published that are not mandatory for the December 31, 2022 reporting period and have not been early adopted by the Company. These standards, amendments or interpretations, except noted below, are not expected to have a material impact on the Company in the current or future reporting periods and on foreseeable future transactions.

Amendments to IAS 1 *Presentation of Financial Statements* on classification of liabilities:

Narrow-scope amendments to IAS 1 clarify when liabilities are classified as either current or non-current.

For the purposes of non-current classification, the amendments removed the requirement for a right to defer settlement or roll over of a liability for at least twelve months to be unconditional. Instead, such a right must exist at the end of the reporting period and have substance.

The amendments reconfirmed that only covenants with which a company must comply on or before the reporting date affect the classification of a liability as current or non-current. Covenants with which a company must comply after the reporting date do not affect a liability's classification at that date.

The amendments also clarify how a company classifies a liability that includes a counterparty conversion option. The amendments state that: settlement of a liability includes transferring a company's own equity instruments to the counterparty; and when classifying liabilities as current or non-current a company can ignore only those conversion options that are recognized as equity.

The amendments are effective for years beginning on or after January 1, 2024.

5. ESTIMATES, JUDGEMENTS AND ASSUMPTIONS

In preparing its consolidated financial statements, management makes several judgements, estimates and assumptions about the recognition and measurement of assets, liabilities, revenues, and expenses.

Information about the significant estimates and assumptions that have the greatest impact on the recognition and measurement of assets, liabilities, revenues, and expenses is presented below. Actual results may differ significantly.

Technical Feasibility and Commercial Viability

The establishment of technical feasibility and commercial viability of a mineral property is assessed based on a combination of factors. By its nature, this assessment requires significant judgment.

Following the events of the quarter ended March 31, 2021, including the receipt of the Governmental authorisation for the Matawinie Project, management determined that the technical feasibility and commercial viability for the Matawinie Project was established as at March 31, 2021 and as a result, the project entered the development phase during the second quarter of 2021.

Going concern

The assessment of the Company's ability to execute its strategy by funding future working capital requirements involves judgement. Estimates and assumptions are continually evaluated and are based on historical experience and other factors, including expectations of future events that are believed to be reasonable under the circumstances.

Provision for asset retirement obligation

The Company's exploration activities are subject to several environmental protection laws and regulations. The Company accounts for management's best estimate of asset retirement obligations in the period in which the obligations arise. Costs actually incurred in future periods could be significantly different from these estimates. In addition, future changes in laws and regulations, timing of estimated cash flows and discount rates may impact the carrying amount of this provision.

Share-based payments

The Company uses the Black-Scholes option pricing model in determining share-based payments, which requires a number of assumptions to be made, including the risk-free interest rate, expected life, forfeiture rate and expected share price volatility.

Tax credits

Tax credits for the current and prior periods are measured at the amount that the Company expects to recover, based on its best estimate and judgment at the reporting date. However, there are uncertainties as to the interpretation of the tax regulations, regarding refundable mining rights credits for loss and refundable tax credits on eligible exploration expenses, as well as regarding amount and timing of recovery of these tax credits.

To determine whether the expenses it incurs are eligible for exploration tax credits, the Company must use judgment and resort to complex techniques. As a result, there may be a significant difference between the amount recognized in respect of tax credits and the actual amount of tax credits received because of the tax administrations' review of matters that were subject to interpretation. In the event of such a difference, an adjustment will be made to the tax credits for mineral prospecting expenses in future periods.

It can take a long time for the tax administration to report its decisions on tax issues, thereby extending the tax credit recovery period. Mineral exploration tax credits that the Company expects to recover in more than one year are classified as non-current assets. The amounts recognized in the consolidated financial statements are based on the best estimates of the Company and in its best possible judgment, as noted above. However, given the uncertainty inherent in obtaining the approval of the tax authority concerned, the amount of tax credits that will be recovered and the timing of such recovery may differ materially from accounting estimates and would affect the financial position and cash flow of the Company.

Fair value of embedded derivatives

The fair value of financial instruments that are not traded in an active market is determined by using valuation techniques. The Company uses its judgment to select a valuation model and makes assumptions that are mainly based on market conditions existing at the end of

each reporting period. Details of the valuation model used for determining the fair value of the embedded derivatives in the 2022 Convertible Notes and the assumptions used by management are disclosed in note 15.

Management used significant judgement to determine that the fair value of the Convertible Notes on issuance does not equal the transaction price, which was primarily attributed to the warrants present in the conversion option embedded in the Convertible Notes. The resulting difference between the transaction price and the fair value on initial recognition is deferred as the fair value of the Convertible Notes is based on a valuation technique where not all the inputs are observable. The unrecognized deferred amount is recorded in the statement of profit and loss to the extent that it arises from a change in factor that market participants would take into account when pricing the Convertible Notes.

Management has attributed the deferred amount to the host instrument and embedded derivatives proportionate to their estimated fair value on the initial recognition date. The deferred amount attributable to the embedded derivative is recorded systematically in the consolidated statements of loss and comprehensive loss over the estimated life of the instruments underlying the conversion option as management believes that time is one of the factors specific to the pricing of the conversion option.

6. CASH AND CASH EQUIVALENTS

As at December 31, 2022, cash and cash equivalents totalling $ 59,924 ($62,355 in 2021) consisted of cash in bank and short-term deposits. As at December 31, 2022, the Company's cash in bank balance is comprised of $4,889 and $876 US dollars (CAD $1,186). The balance of short-term deposits is comprised of $ 40,234 and $ 10,052 US dollars (CAD $ 13,615).

7. INVESTMENTS – LISTED SHARES

As at December 31, 2022, investment in listed shares are composed of an equity-investment in Mason Graphite Inc. ("Mason"). On July 20, 2022, the Company subscribed for 5 million common shares of Mason for a total of $ 2,500. The price paid to acquire the Mason shares was $0.50 per share, equivalent to the Volume-Weighted Average Price ("VWAP") of Mason shares on the TSXV for a period of twenty trading days prior to May 15, 2022. As at December 31, 2022, Mason's stock value is $ 0.16 per share, resulting in a decrease in fair value of $1,700 which is presented under net financial costs in the consolidated statement of loss and comprehensive loss.

In July 2022, the Company signed an agreement providing the option to acquire 51% of the Lac Guéret property of Mason by investing $10M in exploration activities and subscribing to $ 5M in Mason's shares. As at December 31, 2022, the Company incurred $309 related to the completion of the preliminary economic assessment on the Lac Guéret property.

8. PROPERTY, PLANT AND EQUIPMENT

	Land $	Buildings $	Equipment $	Computers $	Furniture $	Rolling stock $	Mine under construction [1] $	Battery Material Demonstration Plant under construction [1] $	Total $
COST									
Balance as at January 1, 2022	2,412	2,791	163	141	25	53	18,032	18,886	42,503
Additions	43	15	248	—	—	50	19,753	5,687	25,796
Transfers	—	461	9,402	—	93	26	—	(9,982)	—
Write-Off/Disposals	—	—	—	—	—	(1)	—	—	(1)
Balance as at December 31, 2022	2,455	3,267	9,813	141	118	128	37,785	14,591	68,298
ACCUMULATED DEPRECIATION									
Balance as at January 1, 2022	—	330	19	25	11	15	—	—	400
Depreciation	—	221	3,459	47	14	23	—	—	3,764
Write-Off/Disposals	—	—	—	—	—	(1)	—	—	(1)
Balance as at December 31, 2022	—	551	3,478	72	25	37	—	—	4,163
Net book value as at December 31, 2022	**2,455**	**2,716**	**6,335**	**69**	**93**	**91**	**37,785**	**14,591**	**64,135**

	Land $	Buildings $	Equipment $	Computers $	Furniture $	Rolling stock $	Mine under construction [1] $	Battery Material Demonstration Plant under construction [1] $	Total $
COST									
Balance as at January 1, 2021	507	2,642	—	56	70	24	—	1,206	4,505
Additions	1,905	149	163	132	—	29	18,032	17,680	38,090
Write-Off/Disposals	—	—	—	(47)	(45)	—	—	—	(92)
Balance as at December 31, 2021	2,412	2,791	163	141	25	53	18,032	18,886	42,503
ACCUMULATED DEPRECIATION									
Balance as at January 1, 2021	—	219	—	39	32	8	—	—	298
Depreciation	—	111	19	30	22	7	—	—	189
Write-Off/Disposals	—	—	—	(44)	(43)	—	—	—	(87)
Balance as at December 31, 2021	—	330	19	25	11	15	—	—	400
Net book value as at December 31, 2021	**2,412**	**2,461**	**144**	**116**	**14**	**38**	**18,032**	**18,886**	**42,103**

[1] Assets under construction are not being depreciated as they are not in the condition necessary to be capable of being operated in the manner intended by management.

Capitalized expenditures for the Battery Material Demonstration Plant under construction are presented net of grants of $ 4,109 for the year ended December 31, 2022 ($5,483 in 2021).

During the year ended December 31, 2021, the Company bought back a 1.8% NSR on the Matawinie property for $1,800 that is included in Mine under construction.

9. INTANGIBLE ASSETS

In 2019, the Company and Hydro-Quebec ("HQ") signed a license agreement by which the Company is allowed to use HQ's patented technologies for the micronization, spheronization, purification, and coating to serve the lithium-ion battery market. The Company paid US $2 million (CAD $2,562) for the use of the patents which have different expiry dates between October 24, 2021, to June 7, 2028. The license was capitalized as an intangible asset and will be amortized over the life of the underlying patents.

	Licenses $	Total $
COST		
Balance as at January 1, 2022	1,604	1,604
Write-off of assets	(384)	(384)
Balance as at December 31, 2022	1,220	1,220
ACCUMULATED DEPRECIATION		
Balance as at January 1, 2022	1,123	1,123
Amortization	299	299
Write-off of assets	(384)	(384)
Balance as at December 31, 2022	1,038	1,038
Net book value as at December 31, 2022	**182**	**182**

	Software $	Licenses $	Total $
COST			
Balance as at January 1, 2021	16	2,562	2,578
Write-off of assets	(16)	(958)	(974)
Balance as at December 31, 2021	—	1,604	1,604
ACCUMULATED DEPRECIATION			
Balance as at January 1, 2021	16	1,643	1,659
Amortization	—	438	438
Write-off of assets	(16)	(958)	(974)
Balance as at December 31, 2021	—	1,123	1,123
Net book value as at December 31, 2021	**—**	**481**	**481**

10. RIGHT-OF-USE ASSETS

The Company has lease contracts for various items of mining equipment, motor vehicles and buildings used in its operations. Leases of mining equipment and rolling stock generally have lease terms between two and three years, while buildings generally have lease terms between two and five years.

Set below are the carrying amount of Right-of-use assets and the movement during the years.

	Buildings $	Rolling stocks $	Total $
COST			
As at January 1, 2022	2,715	164	2,879
New leases	451	—	451
End of leases	(205)	(49)	(254)
Remeasurement of lease	445	(44)	401
As at December 31, 2022	3,406	71	3,477
ACCUMULATED DEPRECIATION			
As at January 1, 2022	553	72	625
Depreciation	451	43	494
End of leases	(205)	(49)	(254)
Remeasurement of lease	—	(44)	(44)
As at December 31, 2022	799	22	821
Net book value as at December 31, 2022	**2,607**	**49**	**2,656**

	Buildings $	Equipment $	Rolling stocks $	Total $
COST				
As at January 1, 2021	1,297	339	273	1,909
New leases	1,612	—	—	1,612
End of leases	(252)	(339)	(109)	(700)
Remeasurement of lease	58	—	—	58
As at December 31, 2021	2,715	—	164	2,879
ACCUMULATED DEPRECIATION				
As at January 1, 2021	386	321	135	842
Depreciation	419	3	46	468
End of leases	(252)	(324)	(109)	(685)
As at December 31, 2021	553	—	72	625
Net book value as at December 31, 2021	**2,162**	**—**	**92**	**2,254**

Included in the depreciation of Right-of-use assets for the period is $ 250 ($213 in 2021) that has been included under the Evaluation and exploration expenses and $162 ($166 in 2021) that have been included under the Battery Material Plant project expenses line in the consolidated statements of loss and comprehensive loss.

11. ACCOUNTS PAYABLES AND ACCRUED LIABILITIES

	December 31, 2022 $	December 31, 2021 $
Trade payables and accrued liabilities	12,825	13,284
Wages and benefits liabilities	2,524	1,772
Other payables	80	137
Accounts payables and accrued liabilities	**15,429**	**15,193**

12. GRANTS RECEIVABLE AND OTHER CURRENT ASSETS

Grants

In August 2019, the Company completed the closing of a federally funded grant with Sustainable Development Technology Canada ("SDTC") for a total of $4,250. The SDTC decided in March 2021 to increase the grant by an additional $ 223. This grant supported the Company to build and to operate the Purification Demonstration Plant in Bécancour, Quebec. In February 2020, the Company received the first milestone payment of $2,000. SDTC also increased its initial commitment of $ 4,250 to the Company by 5%, representing an additional $213 in grant, because of the COVID-19 impact on Canadian companies. The additional $213 amount was received at the end of March 2020. During the year 2022, the Company received a payment of $857. As at December 31, 2022, $ 425 of grant receivable was recorded for eligible expenditures.

The Company completed the closing of another grant agreement in August 2022 with SDTC for a total of $ 5,750. This grant will support financially the Company to build and to operate the Coating Demonstration Plant in Saint-Michel-des-Saints, Quebec. In August 2022, the Company received the first milestone payment of $1,849. As at December 31, 2022, $ 862 of grant receivable was recorded for eligible expenditures.

In April 2020, the Company completed the closing of a grant agreement with Transition énergétique Québec ("TEQ"), a Quebec government funded program, to support financially building and operating the Purification Demonstration Plant in Bécancour. This additional grant of $3,000 was secured via TEQ's Technoclimat program. During the year 2022, the Company received a payment of $700. As at December 31, 2022, $ 750 of grant receivable was recorded for eligible expenditures.

The Company entered into another grant agreement effective January 2022 with TEQ for a total of $ 3,000. This grant will support financially the Company to build and to operate the Coating Demonstration Plant in Saint-Michel-des-Saints, Quebec. As at December 31, 2022, $1,378 of grant receivable was recorded for eligible expenditures.

The remaining $542 grants receivable as at December 31, 2022 is composed of various smaller grants as there is reasonable assurance that they will be received and the Company has reasonable assurance that it will continue to comply with the conditions associated with these grants.

13. LEASE LIABILITIES

	December 31, 2022 $	December 31, 2021 $
Opening balance	2,323	1,076
New liabilities and modifications of leases	880	1,670
Lease write off	—	(15)
Principal repayment	(386)	(408)
Ending balance	**2,817**	**2,323**
Current portion	431	329
Non-current portion	2,386	1,994

The Company also has certain leases of assets with lease terms of 12 months or less. The Company applies the short-term lease recognition exemptions for these leases. The expenses related to short term leases were $629 for the year ended December 31, 2022 ($339 in 2021).

14. BORROWINGS

	December 31, 2022 $	December 31, 2021 $
Opening balance	2,129	1,793
New borrowings	—	2,281
Repayments	(208)	(2,000)
Accretion of issue costs	—	9
Interest	67	46
Ending balance	**1,988**	**2,129**
Current portion	225	208
Non-current portion	1,763	1,921

On January 29, 2021, the Company financed the purchase of a land located in Bécancour, Québec, through a financing agreement with the vendor, for a total of $1,137. The financed portion bears interest at 8% per annum and shall be repaid by December 2025. The Company may pay the balance of principal, in whole or in part, at any time without penalty.

During March 2021, the Company received $1,350 as part of a repayable contribution agreement with the Canada Economic Development for Quebec Regions. This contribution agreement bears no interest and will be repayable in 60 equal monthly installments starting September 2023. The loan was measured at the present value of all future payments discounted using a 5.50% interest rate, thus resulting in a loan valued at $ 1,025. The difference between the carrying value of the contribution and the discounted loan value was recognized as a grant of $325. Also, during December 2021, the Company received the remaining $150, which was measured at the present value using the same interest rate, thus resulting in a loan valued at $ 119. The difference between the carrying value of the contribution and the discounted loan value was recognized as a grant of $31.

15. CONVERTIBLE NOTES

2022 – US$50 Million Convertible Notes with Mitsui, Pallinghurst and Investissement Québec

	Host (amortized cost) $	Derivative $	Deferred amount $	Total $
Issuance[1]	48,703	20,453	(2,773)	66,383
Interest accretion	732	—	—	732
Fair value adjustment	—	(11,199)	—	(11,199)
Amortization	—	—	140	140
Foreign exchange	382	127	(21)	488
Balance as of December 31, 2022	**49,817**	**9,381**	**(2,654)**	**56,544**

[1] Transaction costs of $821 (US$608) have been allocated to the host instrument and reduced from the net proceeds allocated to this component.

On November 8, 2022, the Company completed a private placement of unsecured convertible notes (the “Notes”) for aggregate gross proceeds of $67.2 million (US$50 million). The Notes are denominated in US Dollars with a term of 36 months and carry a quarterly coupon interest payment of the greater between the 3-month CME Term SOFR + 4% and 6%. The Notes include the following material conversion and settlement options available to the holders and the Company:

- **General conversion option:** The holder of a Note, at any time before maturity, can convert the outstanding principal amount into units for US$5/unit. Each unit comprises one common share of the Company and one share warrant. The share warrant can be used to subscribe one common share of the Company at an exercise price of US$ 5.70/share for a period of 24 months from the date of conversion of the Note.
- **Repurchase option:** The Company has, at its sole discretion, an option to repay the Notes at the Repurchase Amount (as defined in the subscription agreement) at the earlier of (i) December 31, 2023; or (ii) the date of a final investment decision (FID) as defined in the subscription agreement. Depending on the circumstances, the repurchase amount is affected by the remaining time to maturity and the cumulative interests paid to date to the investors.
- **Interest repayment option:** At the end of each quarter starting December 31, 2022, the Company has an option to pay the interest in (i) cash; or (ii) subject to TSXV approval, by capitalizing interest and adding it to the principal, which would then be converted into common shares (and not units) at a US Dollar equivalent of the Company's share price determined at the quarter end on which such interest become payable.
- The Notes also include redemption mechanisms at the option of the holders in the event of a change of control or an event of default.

The Notes represent hybrid financial instruments with multiple embedded derivatives requiring separation. The debt host portion (the "Host") of the instrument is classified at amortized cost, whereas the aggregate conversion and prepayment options (the "Embedded Derivatives") are classified as fair value through profit and loss (FVTPL).

The fair value of the Notes at inception was estimated at $ 77.7 million (US$57.8 million) and determined using a valuation model which required the use of significant unobservable inputs. The Company identified a difference between the transaction price and the fair value of $10.5 million (US$7.8 million). The difference has been allocated on a pro-rata basis to the Host and the Embedded Derivatives based on their relative estimated fair values. The portion allocated to the Host has been integrated in its initial carrying amount. The Company believes that time value is an important factor in the estimation of the Embedded Derivatives' fair value. Therefore, the unrecognized deferred amount attributed thereto is recognized on a straight-line basis in the statement of loss and comprehensive loss over the estimated life of the combined conversion option and underlying warrants.

As at December 31, 2022, the Company capitalized the accrued interests owed to Investissement Québec, Pallinghurst and Mitsui. An aggregate amount of $829 (US$612) will be capitalized and 160,976 common shares at a price of US$ 3.80 will be issued to Holders at the maturity or conversion of the Notes in payment of accrued interest due on December 31, 2022. The capitalized interests are recorded as other reserves in the consolidated statements of changes in equity.

	November 8, 2022	Reasonably possible change	Sensitivity [1] $ 000 (derivative liability)	December 31, 2022	Reasonably possible change	Sensitivity [1] $ 000 (derivative liability)
Observable inputs						
Share Price	US$4.73			US$3.82	+/- 10 %	+3.6M/-1.9M
Foreign Exchange rate	1.34			1.35	+/- 5 %	+/- 0.5M
Unobservable inputs						
Expected volatility	50 %	+/- 10% (absolute)	+2.6M/-2.8M	50 %	+/- 10% (absolute)	+3.2M/-1.7M
Credit Spread	10 %	+/- 1% (absolute)	+/- 0.5M	9 %	+/- 1% (absolute)	+/- 0.3M

[1] Holding all other variables constant

2020 – Convertible Note with Pallinghurst

In October 2021, the Company issued 7,500,000 common shares following the conversion of all outstanding convertible notes held by Pallinghurst group, a related party.

	December 31, 2021 $
Opening balance	14,505
Conversion	(14,649)
Accretion expense	144
Ending balance	**—**

16. ASSET RETIREMENT OBLIGATION

	December 31, 2022 $	December 31, 2021 $
Opening balance	1,009	621
New obligations	46	383
Change in estimate	(120)	—
Accretion expense	17	5
Ending balance	**952**	**1,009**

The asset retirement obligation that arose during the year ended December 31, 2022, represents the present value of the estimated amount of undiscounted cash flows required to satisfy the asset retirement obligation in respect of the Matawinie Mine. The estimation was made using a percentage of completion of the total budgeted cost of rehabilitation. The Company has determined the fair value of its rehabilitation obligation by using a discount rate of 5.26% (3.62% in 2021), assuming reclamation work would be completed in 28. The liabilities accrete to their future value until the obligations are due. The estimated rehabilitation obligation will increase as the construction of the Matawinie Mine progresses.

17. EQUITY

17.1 SHARE CAPITAL

Authorized share capital

Unlimited number of common shares voting and participating, with no par value.

	December 31, 2022	For the years ended December 31, 2021
Shares issued at the start of the period	55,118,316	27,299,332
Shares issued from offering	502,082	11,479,977
Warrants exercised	—	7,821,700
Options exercised	253,500	720,201
Shares issued for conversion of 2020 Convertible Note	—	7,500,000
Shares issued for interest payment	—	297,106
Shares issued at the end of period	**55,873,898**	**55,118,316**

On January 20, 2021, the Company concluded an underwritten public offering agreement for 1,034,500 common shares, at a price of $14.50 per share for gross proceeds of $15M. The buyers exercised their option to purchase an additional 155,175 common shares. The total gross proceeds obtained from this public offering agreement sum up to $17.25M.

On February 12, 2021, the Company closed a private placement equity financing totaling $ 5.750M and the Company issued a total of 396,552 common shares at a price of $ 14.50 per share. Of this amount, Investissement Québec, acting as mandatory for the government of Québec, subscribed for 317,241 common shares, and Pallinghurst, subscribed for the remainder of the common shares.

On June 23, 2021, the Company concluded an underwritten public offering agreement for 7,000,000 common shares, at a price of $9.22 (US$7.50) per share for gross proceeds of $64.5M (US$52.5M). The buyers exercised their option to purchase an additional 915,000 common shares. The total gross proceeds obtained from this public offering agreement sum up to $ 72.9M (US$59.4M). Of this amount, Pallinghurst purchased 66,666 common shares.

On July 23, 2021, the Company closed a private placement equity financing with Investissement Québec, acting as mandatory for the government of Québec, and issued a total of 1,978,750 common shares at a price of $ 9.25 per share for total proceeds of $18.3M. This financing was complemented in the context of the underwritten public offering agreement closed on June 23, 2021.

On January 21, 2022, the Company filed a prospectus supplement establishing a new at-the-market equity offering ("ATM Offering"). The ATM Offering allows the Company to offer for sale and issue up to US$75 million (or the equivalent in Canadian dollars) of common shares of the Company from time to time, at the Company's discretion. For the year ended December 31, 2022, the Company issued 502,082 common shares at an average price of $ 7.94 for gross proceeds of $3,987, commissions of $100, for total net proceeds of $ 3,887.

17.2 LOSS PER SHARE

The calculation of basic and diluted loss per share is based on the loss attributable to ordinary shareholders and weighted average number of shares outstanding, including shares to be issued for payment of interest on the convertible notes.

The calculation of diluted loss per share takes into account the effects of all dilutive potential ordinary shares.

	For the years ended	
	December 31, 2022	December 31, 2021
Loss attributable to the ordinary equity holders of the Company	47,714	39,890
Gain on change in fair value of embedded derivatives (i), net of interest expense associated with debt host	(3,850)	—
Loss attributable to the ordinary equity holders of the Company used in calculation of the diluted loss per share	51,564	39,890
Basic weighted average number of shares outstanding	55,600,636	42,971,152
Dilutive effect of 2022 Convertibles Notes	1,452,055	—
Dilutive weighted average number of shares outstanding	57,052,691	42,971,152
Basic loss per share	**0.86**	**0.93**
Diluted loss per share	**0.90**	**0.93**

(i) Excludes the portion of the change in fair value of the embedded derivative attributable to the underlying warrants.

The other potentially dilutive instruments, namely the options (see note 17.4), the warrants (see note 17.3), the underlying warrants of the 2022 Convertible Notes and the shares underlying the 2020 Convertible Notes (see note 15) are anti-dilutive for all periods presented.

17.3 WARRANTS

	December 31, 2022		December 31, 2021	
	Number	Weighted average exercise price $	Number	Weighted average exercise price $
Opening balance	—	—	7,853,439	2.26
Issued	—	—	—	—
Exercised	—	—	(7,821,700)	2.25
Expired	—	—	(31,739)	3.50
Ending balance	**—**	**—**	**—**	**—**

17.4 SHARE-BASED PAYMENTS

The Board of Directors determines the price per common share and the number of common shares which may be allocated to each director, officer, employee and consultant and all other terms and conditions of the option, subject to the rules of the TSXV. The plan has a policy that caps the maximum of total options that can be granted to 10% of the total outstanding shares of the Company.

All share-based payments will be settled in equity. The Company has no legal or contractual obligation to repurchase or settle the options in cash.

The Company's share options are as follows for the year ended December 31, 2022 and 2021:

	December 31, 2022		December 31, 2021	
	Number	Weighted average exercise price $	Number	Weighted average exercise price $
Opening balance	2,352,249	7.07	2,400,000	3.20
Granted	2,219,304	8.13	735,000	15.95
Exercised	(253,500)	2.90	(720,201)	3.06
Expired	(385,000)	12.21	(51,300)	7.00
Forfeited	(21,249)	9.47	(1,250)	16.84
Cancelled	—	—	(10,000)	16.84
Ending balance	**3,911,804**	**7.42**	**2,352,249**	**7.07**
Options that can be exercised	2,872,500	7.22	2,058,500	7.30

The weighted average share price at the time of exercise for 2022 is $ 7.91 ($13.45 in 2021).

For the year ended December 31, 2022, the Company granted 525,000 options to officers, 247,500 to directors, 682,000 to employees, and 764,804 to consultants. The vesting period on options granted varies from vesting immediately to four semi-annual tranches. Each option entitles the holder to subscribe to one common share of the Company, at an average price of $8.13 per common share, for a period of 4.11 years. Total expenses arising from share-based transactions recognized during the year amount to $9,628 ($6,676 in 2021) out of which 922$ (nil in 2021) have been capitalized in property, plant and equipment.

For the year ended December 31, 2021, the Company granted 245,000 options to officers, 375,000 to directors, 105,000 to employees, and 10,000 to consultants. The vesting period on options granted varies from vesting immediately to four semi-annual tranches. Each option entitles the holder to subscribe to one common share of the Company, at an average price of $15.95 per common share, for a period of 5 years.

The weighted average fair value of the share options granted were estimated using the Black-Scholes option pricing model based on the following average assumptions:

	2022	2021
Share price at date of grant	$ 8.13	$ 15.95
Expected life	4.11 years	5 years
Risk-free interest rate	2.33 %	0.82 %
Expected volatility	81.49 %	67.86 %
Expected dividend	Nil	Nil
Fair value per option	$ 4.79	$ 8.95

The expected annualized volatility was based on historical data for the Company. The fair value of the share options is amortized over the vesting period, considering expected forfeitures. The strike price of share options issued are exercisable at the share's closing price on the last trading day prior to the grant.

Expiration date	Total number	Total exercisable	December 31, 2022 Weighted average exercise price $
Year 2023	330,000	330,000	3.45
Year 2024	895,304	370,000	6.56
Year 2025	772,500	772,500	3.33
Year 2026	490,000	490,000	16.31
Year 2027	1,424,000	910,000	8.06
Ending balance	**3,911,804**	**2,872,500**	**7.42**

18. EXPLORATION AND EVALUATION EXPENSES

	December 31, 2022 $	December 31, 2021 $
Wages and benefits	3,274	3,637
Share-based compensation	898	452
Engineering	162	1,856
Professional fees	554	190
Materials, consumables, and supplies	824	1,330
Maintenance & Subcontracting	1,252	1,454
Geology and drilling	31	143
Utilities	420	349
Depreciation and amortization	283	217
Other	95	213
Uatnan mining project	309	—
Grants	(37)	(36)
Tax credits	(638)	(1,443)
Exploration and evaluation expenses	**7,427**	**8,362**

The exploration and evaluation expenses relate to the Matawinie Mine in Quebec, with the exception of fees for the preliminary economic assessment of the Uatnan mining project, in relation with the transaction of Mason (see note 7).

The wages and benefits are net of the grant received as part of the Canada Emergency Wage Subsidy program of Nil in 2022 ($473 in 2021).

19. BATTERY MATERIAL PLANT PROJECT EXPENSES

	December 31, 2022 $	December 31, 2021 $
Wages and benefits	2,698	754
Share-based compensation	534	—
Engineering	8,895	4,136
Professional fees	914	898
Materials, consumables, and supplies	920	686
Maintenance & Subcontracting	1,180	268
Utilities	553	—
Depreciation and amortization	4,028	177
Other	146	39
Grants	(506)	(718)
Tax credits	(272)	(264)
Battery Material Plant project expenses	**19,090**	**5,976**

The battery material plant project expenses relate mainly to the preliminary costs incurred in anticipation of the development of an advanced Battery material plant in Bécancour, Québec.

The wages and benefits are net of the grant received as part of the Canada Emergency Wage Subsidy program of Nil in 2022 ($81 in 2021).

20. GENERAL AND ADMINISTRATIVE EXPENSES

	December 31, 2022 $	December 31, 2021 $
Wages and benefits	7,083	4,883
Share-based compensation	7,274	6,224
Professional fees	1,435	2,635
Consulting fees	2,618	1,476
Travelling, representation and convention	668	627
Office and administration	8,862	6,747
Stock exchange, authorities, and communication	462	872
Depreciation and amortization	246	699
Loss on asset disposal	—	5
Other financial fees	26	35
General and administrative expenses	**28,674**	**24,203**

Included in the 2021 office and administration expenses are $ 1.2M in connection with the settlement of a litigation in September 2021.

21. NET FINANCIAL COSTS (INCOME)

	December 31, 2022 $	December 31, 2021 $
Foreign exchange loss (gain)	453	(985)
Interest income	(701)	(327)
Interest expense on lease liabilities	19	113
Change in fair value - listed shares	1,700	—
Change in fair value - embedded derivative and deferred amount amortization	(11,059)	—
Accretion on borrowings and notes	816	2,104
Interest on borrowings and notes	895	101
Net financial costs (income)	**(7,877)**	**1,006**

22. INCOME TAXES

The income tax expense attributable to earnings differs from the amounts computed by applying the combined federal and provincial statutory income tax rate of 26.5% (26.5% in 2021) to loss before income taxes as a result of the following:

	December 31, 2022 $	December 31, 2021 $
Loss before income taxes	(47,314)	(39,490)
Tax recovery computed at applicable statutory tax rate	26.50 %	26.50 %
Tax expense at combined statutory rate	(12,538)	(10,465)
Increase (decrease) in income taxes resulting from:		
Temporary difference not recorded	10,018	8,937
Share-based payments	2,307	1,769
Non-deductible expenses	325	406
Mining royalties	400	400
Non-taxable mining duties	(108)	(219)
Other	(4)	(428)
Income tax	**400**	**400**
Composition of deferred income taxes in the income statement:		
Taxes payable	400	400
Income tax	**400**	**400**

As at December 31, 2022, temporary differences for which the company has recognized deferred tax assets and liabilities are as follows:

	Opening balance	Recognized in the net earnings	Recognized in other comprehensive income	Recognized in Equity	Closing balance
Convertible notes	—	(9,693)	—	—	(9,693)
Exploration and evaluation expenses	—	9,693	—	—	9,693

As at December 31, 2022 and 2021, temporary differences and unused tax losses for which the Company has not recognized deferred tax assets are as follows:

	December 31, 2022 $	December 31, 2021 $
FEDERAL		
Exploration and evaluation expenses	44,572	37,787
Property and equipment	3,080	2,253
Equity investment	2,346	646
Asset retirement obligation	952	1,009
Share issue expenses	5,102	5,990
Research and development expenses	19,412	16,700
Non-capital losses	69,792	46,371
Unrealized foreign exchange loss on convertible notes	519	—
Other	273	74
	146,048	110,830
PROVINCIAL		
Exploration and evaluation expenses	41,796	35,058
Property and equipment	3,080	2,253
Equity investment	2,346	646
Asset retirement obligation	952	1,009
Share issue expenses	5,102	293
Research and development expenses	25,158	19,447
Non-capital losses	68,341	45,943
Unrealized foreign exchange loss on convertible notes	519	—
Other	273	74
	147,567	104,723

The ability to realize the tax benefits is dependent upon several factors, including the future profitability of operations. Deferred tax assets are recognized only to the extent that it is probable that sufficient taxable profits will be available to allow the asset to be recovered.

As at December 31, 2022, the Company's accumulated non-capital losses for tax purposes which can be used to reduce taxable income in future years as follows:

Year incurred	Expiration date	Federal	Provincial
2022	2042	22,792	22,712
2021	2041	19,469	18,562
2020	2040	10,836	10,546
2019	2039	5,381	5,457
2018	2038	4,137	4,044
2017	2037	2,526	2,578
2016	2036	1,544	1,399
2015	2035	873	844
2014	2034	662	644
2013	2033	747	738
2012	2032	765	757
2011	2031	61	59

The Company has investment tax credit carryovers of $ 3,698 ($2,693 in 2021) that expire between 2036 and 2041, which are available to reduce income taxes payables in future years.

23. ADDITIONAL CASH FLOW INFORMATION

		December 31, 2022 $	December 31, 2021 $
Grants receivable and other current assets	12	401	(111)
Deferred grants		20	(1,511)
Mining tax credits		(353)	(1,707)
Sales taxes receivable		30	(1,266)
Prepaid expenses		(370)	(2,553)
Accounts payable and accrued liabilities	11	(2,796)	3,901
Total net change in working capital		**(3,068)**	**(3,247)**
Income tax received		558	—
Interest paid		69	101
Non-cash investing and financing activities			
Property, plant and equipment included in accounts payable and accrued liabilities		7,447	5,068
Share issue costs included in accounts payable and accrued liabilities		8	49
Cost to issue the convertible notes included in accounts payable and accrued liabilities		659	—
Shares issued for interest payment		—	2,697

24. RELATED PARTY TRANSACTIONS

	December 31, 2022 $	December 31, 2021 $
Key management personnel of the Company		
Employee benefit expenses	2,641	1,158
Share-based payments	2,475	3,435
Directors of the Company		
Board fees	829	643
Share-based payments	1,247	2,333

In addition to transactions with Pallinghurst and Investissement Québec disclosed previously in the consolidated financial statements and in accordance with IAS 24 *Related Party Disclosures*, key management personnel have authority and responsibility for planning, directing, and controlling the activities of the Company directly or indirectly, including any directors (executive and non-executive) of the Company.

As at December 31, 2022, Pallinghurst owns 20.66% of the Company's issued and outstanding common shares and has significant influence over the Company (2021– 20.94%).

In November 2022, the Company closed a private placement of unsecured convertible notes for aggregate gross proceeds of US$50M with Mitsui, Pallinghurst and Investissement Québec. Of the US$ 50M, Pallinghurst and Investissement Québec each subscribed for US$12,5M. More details on the transaction are provided in note 15.

Severance

The Company has commitments under certain management contracts with key executives. Minimum commitments under these contracts are approximately $2,150 ($1,554 in 2021). These contracts require additional minimum payments of approximately $4,379 ($3,139 in 2021) to be made upon the occurrence of certain events, such as a change of control. As a triggering event has not taken place, the contingent payments have not been reflected in these consolidated financial statements.

25. INFORMATION DISCLOSURE ABOUT CAPITAL MANAGEMENT

The Company monitors capital based on the carrying amount of equity, borrowings, leases and convertible notes which totals $133,673 as at December 31, 2022 ($ 110,147 in 2021).

The objective of the Company's capital management is to preserve its ability to continue its operations and its program of acquisition, exploration, evaluation and development of mineral properties and the value-added product plant. It manages its capital structure and adjusts based on economic conditions and risk characteristics of underlying assets.

The Company is not subject to externally imposed capital requirements. Changes in capital are described in the consolidated statements of changes in equity and notes 13, 14 and 15.

The properties in which the Company currently has an interest are in the development stage; as such, the Company is dependent on external financing to fund its activities. To carry out the planned development and pay for administrative costs, the Company will spend its existing working capital and raise additional amounts as needed.

26. FINANCIAL INSTRUMENTS AND RISK MANAGEMENT

CLASSIFICATION AND CARRYING AMOUNT OF FINANCIAL INSTRUMENTS

Financial assets and financial liabilities have been classified into categories that determine their basis of measurement and, for items measured at fair value, whether changes in fair value are recognized in the profit or loss or in other comprehensive income. These categories are financial assets and financial liabilities at FVTPL, financial assets at amortized cost, and financial liabilities at amortized cost. The following tables show the carrying values and the fair value of assets and liabilities for each of these categories as at December 31, 2022 and 2021:

		As at December 31, 2022		
		At fair value through profit or loss	Amortized cost	Total
		$	$	$
FINANCIAL ASSETS				
Cash and cash equivalents		—	59,924	59,924
Grants receivable and other current assets	12	—	3,983	3,983
Investments – Listed shares	7	800	—	800
Total financial assets		**800**	**63,907**	**64,707**
FINANCIAL LIABILITIES				
Account payables and accrued liabilities	11	—	15,429	15,429
Borrowings	14	—	1,988	1,988
Convertible Notes	15	6,727	49,817	56,544
Total financial liabilities		**6,727**	**67,234**	**73,961**

		As at December 31, 2021		
		At fair value through profit or loss	Amortized cost	Total
		$	$	$
FINANCIAL ASSETS				
Cash and cash equivalents		—	62,355	62,355
Grants receivable and other current assets	12	—	3,096	3,096
Total financial assets		**—**	**65,451**	**65,451**
FINANCIAL LIABILITIES				
Account payables and accrued liabilities	11	—	15,193	15,193
Borrowings	14	—	2,129	2,129
Total financial liabilities		**—**	**17,322**	**17,322**

FINANCIAL RISKS

Fair value

Current financial assets and financial liabilities are valued at their carrying amounts, which are reasonable estimates of their fair value due to their relatively short-maturities; this includes cash and cash equivalents, grants receivable and other current assets and accounts payable and other. Borrowings and the convertible debt host are accounted for at amortized cost using the effective interest method, and their fair value approximates their carrying value except for the convertible debt host for which fair value is estimated at $59.3 million (US$43.8 million) (level 3).

Fair Value Hierarchy

Subsequent to initial recognition, the Company uses a fair value hierarchy to categorize the inputs used to measure the financial instruments at fair value grouped into the following levels based on the degree to which the fair value is observable.

- Level 1: Inputs derived from quoted prices (unadjusted) in active markets for identical assets or liabilities;
- Level 2: Inputs derived from other than quoted prices included within Level 1 that are observable for the asset or liability, either directly (i.e., as prices) or indirectly (i.e., derived from prices); and
- Level 3: Inputs that are not based on observable market data (unobservable inputs).

			As at December 31, 2022	
	Level 1	Level 2	Level 3	Total
Financial Assets at FVTPL				
Non-current investments (Equity investment in publicly listed entities)	800	—	—	800
Financial liabilities at FVTPL				
Convertible notes - Embedded derivatives (note 15)	—	—	6,727	6,727

There were no transfers between Level 1, Level 2 and Level 3 during the year ended December 31, 2022 (none in 2021).

Financial Instruments Measured at FVTPL

Non-Current investments

Equity instruments publicly listed are classified as a Level 1 in the fair value hierarchy. Their fair values are a recurring measurement and are estimated using the closing share price observed on the relevant stock exchange.

Liquidity risk

Liquidity risk is the risk that the Company encounters difficulty in meeting obligations associated with financial liabilities that are settled by delivering cash or another financial asset.

The Company manages its liquidity risk by using budgets that enable it to determine the amounts required to fund its exploration, evaluation, and development expenditure programs. The Company's liquidity and operating results may be adversely affected if the Company's access to the capital markets or other alternative forms of financing is hindered, whether because of a downturn in stock market conditions generally or related to matters specific to the Company. The Company has historically generated cash flow primarily from its financing activities.

Management believes that without additional funding, the Company does not have sufficient liquidity to pursue its planned expenditures over the next twelve months. These circumstances indicate the existence of material uncertainties that cast substantial doubt upon the Company's ability to continue as a going concern and accordingly, the appropriateness of the use of IFRS applicable to a going concern (see note 1).

As at December 31, 2022, all of the Company's short-term liabilities totalled $ 16,105 ($15,730 in 2021), have contractual maturities of less than one year and are subject to normal trade terms. The Company regularly evaluates its cash position to ensure preservation and security of capital as well as maintenance of liquidity.

			As at December 31, 2022		
	Carrying amount	Contractual cash flow	0 to 12 months	12 to 24 months	More than 24 months
Account payables and accrued liabilities	15,429	15,429	15,429	—	—
Lease liabilities	2,817	3,423	560	647	2,216
Borrowings	1,988	2,330	352	577	1,401
Convertible Notes – Host (i)	49,817	67,723	—	—	67,723
Convertible Notes – Embedded Derivatives (i)	6,727	—	—	—	—

(i) The Convertible Notes are translated at the spot rate as of December 31, 2022

The Company has one variable lease agreement that is indexed to the consumer price index, on March 31 of each year.

Credit risk

Credit risk results from the possibility that a loss may occur from the failure of another party to perform according to the terms of the contract. The Company's credit risk is primarily related to cash and cash equivalents and receivables. The receivables consist mainly of the refund of the goods and services tax receivable from the governments of Canada and Quebec, as well as tax credits receivable from the Government of Quebec. The Company mitigates credit risk by maintaining cash with Canadian chartered banks and guaranteed deposits in credit unions.

Currency risk

Foreign currency risk is the risk that the Company's financial performance could be affected by fluctuations in the exchange rates between currencies. Some of the Company's expenditures are denominated in U.S dollars and since August 2021, the Company holds balances in cash denominated in U.S dollars. Also, the convertible notes are denominated in U.S dollars. As such, the Company is exposed to gains or losses on foreign exchange.

Currently, the Company has no hedging contracts in place and therefore has exposure to the foreign exchange rate fluctuations. The strengthening of the U.S. dollar would negatively impact the Company's net income and cash flows while the strengthening of the Canadian dollar would increase its net income and cash flows.

As at December 31, 2022 and 2021, the balances in U.S. dollars held by the Company were as follows:

	As at December 31, 2022 $	As at December 31, 2021 $
Cash and cash equivalents in US dollars	10,928	11,435
Accounts payables in US dollars	(407)	(1,044)
Convertible notes – Host in US dollars	(36,780)	—
Net exposure, in US dollars	**(26,259)**	**10,391**
Equivalent in Canadian dollars	**(35,570)**	**13,175**

Based on the balances as at December 31, 2022, a 5% increase (decrease) in the exchange rates on that date (with all other variables being constant) would have resulted in an increase (decrease) of net loss of approximately ($1,778) in 2022 ($659 in 2021).

Also see note 15 for the Embedded Derivatives.

Interest rate risk

Interest rate risk is the risk that the fair value of future cash flows of a financial instrument will fluctuate as a result of changes in market interest rates.

The company is exposed to interest rate risk primarily on its convertible notes bearing interest at variable rates and does not take any particular measures to protect itself against fluctuations in interest rates. With the exception of the convertible notes, the Company's financial assets and financial liabilities are not significantly exposed to interest rate risk because either they are short-term in nature or because they are non-interest bearing.

The convertible notes bear interest equal to the greater of 6% and the 3-month Term SOFR plus 4%. Based on the balance of the convertible notes as at December 31, 2022, the impact on net financial expenses over a 12-month horizon of a 1.0% shift in interest rates would amount to approximately $677. See note 15 for the interest rate risk on the embedded Derivatives.

27. ADDITIONAL SEGMENT INFORMATION

	Matawinie Mine Project	Battery Material Plant project	Corporate	December 31, 2022 Total
Total property, plant and equipment	39,597	21,289	3,249	64,135
Total liabilities	8,022	3,808	65,920	77,750

	Matawinie Mine Project	Battery Material Plant project	Corporate	December 31, 2021 Total
Total property, plant and equipment	18,032	18,886	5,185	42,103
Total liabilities	7,570	6,320	6,764	20,654

28. COMMITMENTS

In the normal course of business, the Company enters into contracts that give rise to commitments. As at December 31, 2022, the Company had issued $2,830 of purchase orders for the acquisition of property, plant and equipment and $4,084 in relation to the operations.

Royalty

The Company issued a 3% net smelter royalty ("NSR") over the Matawinie graphite property to Pallinghurst for an aggregate purchase price of $4,306. For a period of three years following issuance (August 28, 2020), the royalty is subject to a 1% buy back right in favour of the Company for a buy-back price of $1,306 plus an amount equal to interest accrual at a rate of 9% per annum from and after the closing of the royalty transaction up to the buyback date.

Matawinie Property

A large part of the property is subject to a 0.20% NSR, which can be purchased by the Company for $ 200.

Collaboration and sharing of benefits.

On January 23, 2020, the Company signed a benefit-sharing agreement with the municipality of Saint-Michel-des-Saints as part of the Matawinie mining project. Through this agreement and throughout the mine's commercial operating life, the Company will contribute up to 2% of its net future positive cash flow after taxes to the municipality, subject to a minimum payment of $ 400, annually.

Exhibit 99.3



MANAGEMENT DISCUSSION & ANALYSIS

For the year ended December 31, 2022

NOUVEAU MONDE GRAPHITE

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PREAMBLE

This Management Discussion and Analysis ("MD&A") dated March 23, 2023, has been prepared according to Regulation 51-102 of the continuous disclosure requirements and approved by the Board of Directors of Nouveau Monde Graphite Inc. ("the Company" or "NMG").

This MD&A should be read in conjunction with the Company's audited financial statements for the years ended December 31, 2022, and December 31, 2021, and related notes included therein. The Company's consolidated financial statements have been prepared in accordance with the International Financial Reporting Standards ("IFRS"), as published by the International Accounting Standards Board ("IASB"). All monetary amounts included in this MD&A are expressed in thousands of Canadian dollars ("CAD"), the Company's reporting and functional currency, unless otherwise noted.

PERIOD COVERED

This MD&A report is for the year that ended December 31, 2022, with additional information up to March 23, 2023.

FORWARD-LOOKING STATEMENTS

This MD&A contains "forward-looking information" and "forward-looking statements" within the meaning of applicable securities legislation (collectively, "forward-looking statements"), which relate to future events or future performance and reflect management's expectations and assumptions regarding the Company's growth, results, performance and business prospects and opportunities. Such forward-looking statements reflect management's current beliefs and are based on information currently available to it. In some cases, forward-looking statements can be identified by words such as "may", "would", "could", "will", "should", "expect", "intend", "aim", "attempt", "anticipate", "believe", "study", "target", "estimate", "forecast", "predict", "outlook", "mission", "aspire", "plan", "schedule", "potential", "progress" or the negative of these terms or other similar expressions concerning matters that are not historical facts. In particular, statements regarding the Company's future results, the intended construction and commissioning timeline of the Matawinie Mine project, the Bécancour Battery Material Plant Project, the shaping demonstration plant and the coating demonstration plant, the intended operation and performance of the purification demonstration plant, shaping demonstration plant, coating demonstration plant and the concentrator demonstration plant, the intented development of the Matawinie Mine Property, the intended development of the Uatnan Mining Project, including the formation of a joint venture, the economic performance and product development efforts, as well as the Company'a expected achievement of milestones, including the ability to obtain sufficient financing for the development of the Matawinie Mine Project and the Bécancour Battery Material Plant Project, including the completion of the FID, (as defined herein), the ability to achieve the Company's environmental, social and governance ("ESG") initiatives, the Company's electrification strategy and its intended results, market trends, the results of the integrated feasibility study, preliminary economic assessment for the Uatnan Mining Project and any other feasibility study and preliminary economic assessments and any information as to future plans and outlook for the Company are or involve forward looking statements.

Forward-looking statements are based on reasonable assumptions that have been made by the Company as at the date of such statements and are subject to known and unknown risks, uncertainties and other factors that may cause the actual results, level of activity, performance or achievements of the Company to be materially different from those expressed or implied by such forward-looking statements, including but not limited to, the actual results of current development, engineering and planning activities, access to capital and future prices of graphite, new mining operation inherent risks, mineral exploration and development activities inherent risks, the uncertainty of processing the Company's technology on a commercial basis and those factors discussed in the section entitled "Risk Factors" in Company's most recent annual information form. Forward-looking statements in this MD&A contain, among other things, disclosure regarding: the Company's development activities and production plans, including the operation of the shaping demonstration plant, the purification demonstration plant and the concentrator demonstration plant; the construction and commissioning, as applicable, of the Matawinie Mine Project, the Bécancour Battery Material Plant Project, the shaping demonstration plant and the coating development plant; the development of the Uatnan Mining Project, the impact of infectious diseases, global pandemics or any other public health crises, including COVID-19 pandemic ("COVID-19"), and the ongoing war between Russia and Ukraine on the Company's operations; the future outlook, corporate development and strategy of the Company;

the Company's projected capital and operating expenditures; the estimates of mineral resources and mineral reserves; the Company's green and sustainable lithium-ion active anode material initiatives; the government regulation of mining operations, environmental regulation and compliance; the realization of the expected economics of the construction and operation of the Matawinie Mine Project and the Bécancour Battery Material Plant Project; the ability to obtain sufficient financing and the permitting required for the development of the Matawinie Mine Project and the Bécancour Battery Material Plant Project; and business opportunities that become available to, or are pursued by the Company.

Forward-looking statements are based on assumptions management believes to be reasonable, including but not limited to: general business and economic conditions; there being no direct operational impacts resulting from infectious diseases or pandemics; the supply and demand for, deliveries of, and the level and volatility of prices for graphite products; the speculative nature of mineral exploration and development; changes in mineral production performance and increase in costs, exploitation, exploration and mine new mines' start-up successes; the risk that exploration data may be incomplete and additional work may be required to complete further evaluation, including but not limited to drilling, engineering, and socioeconomic studies and investment; the impact of the inflation of the Company's planned exploration and development activities, the timing of the receipt of necessary regulatory and governmental permits and approvals for the Matawinie Mine Project and Bécancour Battery Material Plant Project; the availability of financing for the Company's development of its properties and construction of its facilities and installations on reasonable terms; the possibility that the Company may incur additional debt; the ability to procure equipment and operating supplies in sufficient quantities and on a timely basis; increased costs, delays, suspensions and technical challenges associated with the development, construction and commissioning of the Matawinie Mine Project and the Bécancour Battery Material Plant Project; the good standing of the Company's title and claims on its properties; the ability to attract and retain skilled staff and maintain positive relationships with the staff; the risk of relying on consultants; development and production timetables; competition and market risks; pricing pressures; the accuracy of the Company's mineral resource and mineral reserve estimates (including, with respect to size, grade and recoverability) as well as the geological, operational and price assumptions on which they are based; the volatile nature of the share price of a resources company and public Company obligations, currency fluctuations, the fact that certain business improvement initiatives are still in the early stages of evaluation, and additional engineering and other analysis is required to fully assess their impact; the fact that certain of the initiatives described in this MD&A, are still in the early stages and may not materialize; business continuity and crisis management; and such other assumptions and factors as set out herein and in this MD&A.

Although the Company has attempted to identify important factors that could cause actual results to differ materially from those contained in forward-looking statements, there may be other factors that may cause results not to be as anticipated, estimated or intended. There can be no assurance that such statements will prove to be accurate, as actual results and future events could differ materially from those anticipated in such statements. Accordingly, readers should not place undue reliance on forward-looking statements. The Company does not undertake to update or revise any forward-looking statements that are included in this MD&A, whether as a result of new information, future events or otherwise, except in accordance with applicable securities laws.

TECHNICAL INFORMATION AND CAUTIONARY NOTE TO U.S. INVESTORS

Scientific and technical information in this MD&A has been reviewed and approved by Eric Desaulniers, MSc, géo., President & CEO for NMG and Antoine Cloutier, géo, Chief Geologist for NMG, each a Qualified Person as defined by National Instrument 43-101 *Standards of Disclosure for Mineral Projects* ("NI 43-101"). Further information about the Matawinie Mine Project and the Bécancour Battery Material Plant Project, including a description of key assumptions, parameters, methods and risks, is available in a technical report following NI 43-101 rules and guidelines, titled "NI 43-101 Technical Feasibility Study Report for the Matawinie Mine and Bécancour Battery Material Plant Integrated Graphite Projects", effective July 6, 2022, and available on SEDAR and EDGAR (the "Feasibility Study"). Further information about the Uatnan Mining Project, including a description of key assumptions, parameters, methods and risks, is available in a technical report following NI 43-101 rules and guidelines, titled "NI 43-101 Technical Report – PEA Report for the Uatnan Mining Project" , effective January 10, 2023, and available on SEDAR and EDGAR (the "**PEA**").

Disclosure regarding Mineral Reserve and Mineral Resource estimates included herein were prepared in accordance with *Regulation 43-101 respecting Standards of Disclosure for Mineral Projects* ("**NI 43-101**") and applicable mining terms are as defined in accordance with the CIM Definition Standards on Mineral Resources and Reserves adopted by the Canadian

Institute of Mining, Metallurgy and Petroleum Council (the "**CIM Definition Standards**"), as required by NI 43-101. Unless otherwise indicated, all reserve and resource estimates included in this MD&A have been prepared in accordance with the CIM Definition Standards, as required by NI 43-101.

NI 43-101 is a rule developed by the Canadian Securities Administrators that establishes standards for all public disclosure an issuer makes of scientific and technical information concerning mineral projects. NI 43-101 differs from the disclosure requirements of the United States Securities and Exchange Commission (the "**SEC**") applicable to U.S. companies. Accordingly, information contained herein may not be comparable to similar information made public by U.S. companies reporting pursuant to SEC reporting and disclosure requirements.

MARKET AND INDUSTRY DATA

Market and industry data presented throughout this MD&A was obtained from third-party sources and industry reports, publications, websites and other publicly available information, as well as industry and other data prepared by the Company or on the behalf of the Company on the basis of the Company's knowledge of the markets in which the Company operates, including information provided by suppliers, partners, customers and other industry participants.

The Company believes that the market and economic data presented throughout this MD&A is accurate as of the date of publication and, with respect to data prepared by the Company or on behalf of the Company, that estimates and assumptions are currently appropriate and reasonable, but there can be no assurance as to the accuracy or completeness thereof. The accuracy and completeness of the market and economic data presented throughout this MD&A are not guaranteed and the Company does not make any representation as to the accuracy of such data. Actual outcomes may vary materially from those forecast in such reports or publications, and the prospect for material variation can be expected to increase as the length of the forecast period increases. Although the Company believes it to be reliable as of the date of publication, the Company has not independently verified any of the data from third-party sources referred to in this MD&A, analyzed or verified the underlying studies or surveys relied upon or referred to by such sources, or ascertained the underlying market, economic and other assumptions relied upon by such sources. Market and economic data are subject to variations and cannot be verified due to limits on the availability and reliability of data inputs, the voluntary nature of the data gathering process and other limitations and uncertainties inherent in any statistical survey. In addition, certain of these publications, studies and reports were published before COVID-19 and therefore do not reflect any impact of COVID-19 on any specific market or globally.

THE COMPANY

CORPORATE STRUCTURE

The Company was established on December 31, 2012, under the *Canada Business Corporations Act*. NMG's registered office is located at 481 Brassard Street, Saint-Michel-des-Saints, Québec, Canada, J0K 3B0.

The Company's shares are listed under the symbol NMG on the New York Stock Exchange ("NYSE"), NOU on the TSX Venture Exchange ("TSXV"), and NM9A on the Frankfurt Stock Exchange.

The Company's consolidated financial statements have been prepared using accounting principles applicable to a going concern, which contemplates the realization of assets and settlement of liabilities in the normal course of business as they come due. In assessing whether the going concern assumption is appropriate, management considers all available information about the future, which is at least, but not limited to, the next twelve months.

Management believes that without additional funding, the Company does not have sufficient liquidity to pursue its planned expenditures over the next twelve months. These circumstances indicate the existence of material uncertainties that cast substantial doubt upon the Company's ability to continue as a going concern and, accordingly, the appropriateness of the use of IFRS applicable to a going concern.

The Company's ability to continue future operations and fund its development and acquisition activities is dependent on management's ability to secure additional financing in the future, which may be completed in a number of ways including, but not limited to, the issuance of debt or equity instruments, expenditure reductions, or a combination of strategic partnerships, joint venture arrangements, project debt finance, offtake financing, royalty financing and other capital markets

alternatives. While management has been successful in securing financing in the past, there can be no assurance it will be able to do so in the future or that these sources of funding or initiatives will be available for the Company or that they will be available on terms which are acceptable to the Company. On November 8, 2022, the Company completed a private placement of unsecured convertible notes with Mitsui & Co., ltd. ("Mitsui"), Pallinghurst, and Investissement Québec, for aggregate gross proceeds of $67.2 million (US$50 million). For more details, refer to note 15 of the audited consolidated financial statements.

Although management has taken steps to verify the ownership rights in mining properties in which the Company holds an interest in accordance with industry standards for the current stage of exploration of such properties, these procedures do not guarantee the title property for the Company. The title may be subject to unregistered prior agreements and may not comply with regulatory requirements.

VALUE PROPOSITION

NMG is a Québec-based company striving to become a key contributor to the sustainable energy revolution. The Company is working towards developing a fully integrated source of carbon-neutral battery anode material in Québec, Canada for the growing lithium-ion battery and fuel cell markets, and other value-added graphite products. With enviable ESG standards, the Company aspires to become a strategic supplier to the world's leading battery and auto manufacturers, providing high-performing and reliable advanced materials while promoting sustainability and supply chain traceability.

Vision	Drive the transition to a green future through sustainable zero-carbon solutions.
Mission	Provide the greenest advanced graphite materials with a carbon-neutral footprint for a sustainable world.
Values	Safety, responsibility, openness, integrity, and entrepreneurial spirit.

The Company's activities are focused on the planned Matawinie graphite mine (the "Matawinie Mine") and the planned commercial value-added graphite products transformation plant (the "Bécancour Battery Material Plant"), both of which are progressing concurrently towards commercial operations. Underpinning these projects are NMG's world-class Matawinie graphite deposit, its proprietary technologies, and clean hydroelectricity powering its operations. The Company is also exploring the potential of developing and operating the Uatnan mining project (the "Uatnan Mining Project") that leverages Mason Graphite Inc.'s ("Mason Graphite") Lac Guéret graphite deposit.

2022 HIGHLIGHTS

- Continued focus on the safe conduct of operational and construction activities with the Company's Zero-Harm Philosophy being top of mind to protect the environment, as well as the health and safety of employees, contractors, and communities.
- Memorandum of understanding with Panasonic Energy Co., Ltd. confirming intentions for a multi-year offtake agreement for a significant portion of NMG's active anode material from the Company's "ore-to-anode-material" Phase-2 production facilities.
- Completion of the feasibility study for the Phase-2 Bécancour Battery Material Plant and Matawinie Mine, indicating attractive economics with an after-tax net present value of $1,581 million and internal rate of return of 21%.
- Advancement of Phase-2 project financing with the nomination of Société Générale as the sole mandated lead arranger, confirmation of interest towards senior debt from export credit agencies Export Development Canada and Euler Hermes (Germany), as well as engineering, environmental, and social due diligence exercises conducted at NMG's sites.
- Continued advancement of the Matawinie Mine through preliminary construction work at the site, detailed engineering, advancement of electrification plans, and environmental management initiatives supporting progressive site reclamation.

- Addition of a commercial-scale coating unit and a second shaping module at the Company's Phase-1 plant to support product qualification with potential customers as well as process and engineering optimization for the Phase-2 facilities.
- Signing and closing of a strategic investment agreement with Mason Graphite Inc. leading to a preliminary economic assessment of the Uatnan Mining Project that demonstrates strong returns for a production of approximately 500,000 tpa of graphite concentrate over a 24-year life of mine, in line with NMG's Phase-3 plans.
- US$50 million private placement in NMG from Mitsui, Investissement Québec, and The Pallinghurst Group through convertible notes which complements over $8.6 million raised through public and private offerings, the exercise of warrants, and financial levers from governments to support the Company's next operational milestones and strategic projects.
- Reinforced engagement with communities, First Nations, and stakeholders to inform the development of NMG's projects, elevate R&D efforts and industrial collaboration, and create shared value.
- Recognition of NMG's robust ESG credentials through an A2 Robust Sustainability Rating from Moody's ESG Solutions, the second-highest grade of the rating scale, confirming the Company's responsible focus on environmental stewardship and equitable business practices.
- Advancement of electrification plans for the Matawinie Mine through technical engagement and close collaboration with Caterpillar Inc. for the development, testing, and production of Cat® "zero-emission machines".
- Increased presence on the U.S. scene through commercialization efforts and investor relations on the heels of NMG's listing on the New York Stock Exchange and the adoption of the Inflation Reduction Act.
- Issuing of a life cycle assessment for NMG's portfolio of graphite-based materials, confirming the minimal and industry-leading environmental footprint of the Company's products, up to 11 times smaller than benchmarked production.
- Appointment of experienced and talented executives to steer the Company's development, including Stephanie Anderson to the Board of Directors as well as Bernard Perron (Chief Operating Officer), Josée Gagnon (Vice President, Legal Affairs & Corporate Secretary) and Anoop Singh (Vice President, Mining Projects) to the management team.
- Release of the Company's Climate Action Plan detailing its transition from carbon neutrality to Net Zero by 2030 through emission reduction and an innovative offsetting strategy, complemented by inaugural participation to the Carbon Disclosure Project in line with its Task Force on Climate-related Financial Disclosures ("TCFD") implementation roadmap.
- Active engagement towards offtake agreements with a series of potential tier-1 customers in the EV and battery sector with the production of battery-grade samples, site visits, quality checks, commercial discussions and environmental diligence reviews.
- Ever-expanding portfolio of R&D projects to deliver a new generation of green battery materials, assisted by governmental financial aid such as Canada's $5.75-million grant from Sustainable Development Technology Canada and Québec's $3-million grant from Technoclimat.
- Strengthening of the Company's quality assurance and quality control with the active development of an ISO 9001-compliant management system to support certification objectives.
- Establishment of key ESG targets to improve NMG's ownership and stewardship of material issues such as diversity and inclusion, environmental management, Indigenous partnership, biodiversity and responsibility towards its supply chain.
- Year-end cash position of $59.9 million.

BUSINESS LINES

addiStriving to establish a local, carbon-neutral, and traceable turnkey supply of graphite-based advanced materials for the Western World, the Company is advancing an integrated business operation, from responsible mining to advanced manufacturing. NMG is developing natural flake graphite as well as coated spherical purified graphite ("CSPG"), which is an essential component in lithium-ion batteries used in electric vehicles, energy storage solutions, and consumer technology applications.

The Company is carrying out a phased-development plan for its Matawinie Mine and Bécancour Battery Material Plant (respectively, with the applicable demonstration plants, the "Matawinie Mine Project" and "Battery Material Plant Project") to derisk its projects and advance toward commercial operations. To support growth and meet customers' demand beyond its Phase 2, the Company is exploring the development of the Uatnan Mining Project targeted as NMG's Phase-3 expansion.

Battery Material Plant Project	
Phase 1 – Battery Material Demonstration Plants	
Shaping Demonstration Plant	The Company has been operating a commercial-scale shaping unit since 2020. A second unit has been assembled in 2022 and is being commissioned.
Purification Demonstration Plant	The purification demonstration unit is currently in production with a 2,000 tpa nameplate capacity.
Coating Demonstration Plant	Commissioning of the coating module is progressing with improvements to the equipment.
Phase 2 – Bécancour Battery Material Plant	Engineering of Phase-2, optimization of the Feasibility Study based on Panasonic's specifications as per the MoU offtake agreement, and piloting at Phase-1 facilities support finalization of projected operational parameters.
Matawinie Mine Project	
Phase 1 – Matawinie Mine Demonstration Plant	
Concentrator Demonstration Plant	Since September 2018, the Company has been operating a flake concentration demonstration plant.
Phase 2 – Matawinie Mine	Groundwork continued at the construction site in 2022 while engineering and procurement advance in parallel.
Uatnan Mining Project	
Phase 3 – Uatnan Mining Project	A PEA was carried out to leverage the Lac Guéret deposit resource and update operational parameters.

BATTERY MATERIAL PLANT PROJECT

The Company continues to make significant progress with respect to its advanced manufacturing activities via samples production and process refinement at Phase-1 facilities as well as engineering advancement of its Phase-2 development plans. The Company's latest Feasibility Study reflects the technological progress of value-added processes and the optimization of production flow within an integrated operational model.

Battery Material Demonstration Plants

The shaping equipment (Phase 1) continues to produce spherical graphite; samples have attested to the performance of the secondary transformation process developed by NMG. The successful results have led NMG to purchase another commercial-scale module, hence tripling its production capability. The new unit should further elevate the products' quality and provide customers with a greater variety of specifications.

- The equipment was successfully installed in 2022 at the Company's facility.
- Detailed tests are being conducted to supplement those already performed at the equipment manufacturer's site, optimize the operating parameters, and enhance performance in terms of yield and throughput.
- Processes are being developed leveraging this new manufacturing technology; focus is on achieving various potential client specifications and ramping up production in 2023.

The Company is also leveraging its proprietary thermochemical purification process to complete its market offering of products with purity greater than 99.95%. On October 27, 2020, NMG announced a five-year agreement with Olin Corporation ("Olin"), which covers the manufacturing space for operations, site services, and the supply of certain raw materials to support the commercialization of NMG's advanced graphite materials.

- The Company's first two commercial-scale pilot plant purification modules (Phase 1) have been constructed within existing space at Olin's facility in Bécancour, Québec. The scalable furnaces have a nameplate capacity of 2,000 tpa of purified battery-grade graphite.
- Since the launch of production, NMG has produced spherical purified graphite ("SPG"), demonstrating the performance of its proprietary purification ecotechnology; samples confirmed the purity of +99.99%, above the level required for energy applications.
- In line with specific client specifications, NMG continues to test and optimize its purification process for both battery-grade active graphite materials and purified jumbo flakes for niche applications.
- Recent production samples have demonstrated excellent results both at the Company's laboratory and at a leading third-party testing facility, indicating effective process and operational parameters.

Determined to develop the entire value chain from mine to anode material in order to provide a traceable and carbon-neutral source to battery manufacturers, NMG is advancing with the deployment of its environmentally friendly CPSG for use as anode material. The coating of spherical graphite is the last process step needed to complete the Company's graphite-based product range for the EV and renewable energy sectors.

- Commissioning of the coating module is continuing.

Bécancour Battery Material Plant

NMG owns a 200,000-m^2 land in the Bécancour industrial park in Québec, Canada, adjacent to Olin's facility, to build an integrated manufacturing plant with a projected annual production volume of roughly 46,000 tpa of advanced graphite materials (Phase 2). Approximately 150 km northeast of Montréal, close by the Saint Lawrence River, the site provides robust local infrastructure with a direct supply of required chemicals, affordable hydroelectricity, skilled workforce, and no environmental limitations for construction. Its multi-modal logistical base includes a major international port, plus rail and highway for both importing raw materials and exporting final products throughout North America and Europe.

- A study of archaeological potential, comprised of surveys of historical documentation and on-site work, was completed in Q2-2022 for the land. The study was carried out by the Ndakina Office of the Conseil de la Nation Waban-Aki, the Indigenous organization overseeing territorial and environmental protection questions for the Abenaki Councils of Odanak and Wôlinak. No archaeological discoveries were made.

Bécancour is rapidly attracting important industrial players in the battery materials and cell manufacturing space, supported by the Québec Government's battery hub strategy. Twenty industrial and commercial projects are planned or under study, including BASF, GM-Posco, Vale and Nemaska Lithium. The Company's site, at the centre of this development zone, represents a strategic and operational asset.

The Company mandated engineering firm BBA, with the support of various technical consultants, to complete the Feasibility Study compliant with NI 43-101 for its integrated business operations comprised of the Phase-2 Matawinie Mine and Bécancour Battery Material Plant projects.

Results of the Study were published on July 6, 2022, demonstrating attractive economics. Regrouping on-site all beneficiation units, the Bécancour Battery Material Plant is designed to receive approximately 63,775 tpa of graphite concentrate from the Matawinie Mine to be transformed into 42,616 tpa of CSPG, 3,007 tpa of purified flakes and 18,384 tpa of by-product fines, a valuable graphite material.

- The Feasibility Study is available on SEDAR, EDGAR, and the Company's website.
- Piloting at NMG's Phase-1 facilities continues to inform final process design criteria; a mandate was awarded to BBA to advance some engineering components in parallel.
- NMG has finalized the project's execution and contracting strategy in preparation for construction once a final investment decision ("FID") is reached. Permit demands as well as long-lead items tendering packages are being prepared.

MATAWINIE MINE PROJECT

The Matawinie graphite property includes 380 mining claims covering 21,280 hectares as of the date of this MD&A, in which the Company owns a 100% interest. The Tony Bloc, or Mining Property, part of the Matawinie graphite property, is composed of 159 claims totalling 8,266 hectares. The Tony Claim Block is located approximately 120 km as the crow flies north of Montréal, Québec, Canada, in Saint-Michel-des-Saints. This block is easily accessible via the dedicated access road connecting to the local highway and is close to high-quality infrastructure, including paved roads and high-voltage power lines, and the community, which counts skilled laborers and contractors. The project is located close to the Montréal metropolitan area, which also has a considerable pool of nearby labor and suppliers of goods and services.

As part of the Feasibility Study for its integrated business model, parameters of the 2018 feasibility study were updated, including mineral resources and reserves, operational, and financial metrics. Project highlights for the Matawinie Mine now include:

- Annual processing rate: 2.55 million metric tonnes
- Average annual graphite concentrate production: 103,328 metric tonnes
- Average recovery: 93%
- Finished product purity: 97% Cg
- Stripping ratio (LOM): 1.16:1.

Mineral Resources and Reserves

Since the deposit discovery, a comprehensive exploration program uncovered significant crystalline flake graphite mineralization, ultimately leading to the identification of Mineral Resources and Reserves.

As part of the Feasibility Study, Mineral Resources have been updated and estimated for the West Zone of the mining property. These Mineral Resources are based on 8,274 assay intervals collected from 27,888 m of core drilling and three surface trenches providing 207 channel samples. Proper quality control measures, including the insertion of duplicate, blank, and standard samples, were used throughout the exploration programs and returned within acceptable limits.

Current Pit-Constrained Mineral Resource Estimate for the West Zone[1]

Mineral Resource Category[2]	Current Resource (May 20, 2022)[7]		
	Tonnage (Mt)[5,6]	**Grade** (% Cg)[3]	**Contained Graphite** (Mt)
Measured	28.5	4.28	1.22
Indicated	101.8	4.26	4.33
Measured + Indicated	**130.3**	**4.26**	**5.55**
Inferred[4]	23.0	4.28	0.98

1 The Mineral Resources provided in this table were estimated by Yann Camus, P.Eng. SGS of Canada Inc. - Geological Services ("SGS Geological Services") using current Canadian Institute of Mining, Metallurgy and Petroleum ("CIM") Standards on Mineral Resources and Reserves, Definitions and Guidelines.

2 Mineral Resources that are not Mineral Reserves have not demonstrated economic viability. Additional trenching and/or drilling will be required to convert Inferred and Indicated Mineral Resources to Measured Mineral Resources. There is no certainty that any part of a Mineral Resource will ever be converted into Reserves.

3 All analyses used for the Resource Estimates were performed by ALS Minerals Laboratories and delivered as graphitic carbon ("% Cg"), internal analytical code C-IR18.

4 Inferred Mineral Resources represent material that is considered too speculative to be included in economic evaluations. Additional trenching and/or drilling will be required to convert Inferred Mineral Resources to Indicated or Measured Mineral Resources. It cannot be assumed that all or any part of the inferred resources will ever be upgraded to a higher resource category.

5 Current Resource effective May 20, 2022.

6 Mineral Resources are stated at a cut-off grade of 1.78 % Cg.

7 Standards used for this resource update are the same standards produced over the course of the 2018 Feasibility Study (effective as of July 10, 2018, and issued on December 10, 2018) and the Resource Update (results published March 19, 2020). The difference comes mainly from a newly accessible land package along the Hydro-Québec power line.

A combined Mineral Resource of the South-East and South-West zones is also present on the mining property. While these deposits are part of the mining property, they have not been studied to be integrated in the Mineral Reserves or the mine plan.

Matawinie Mineral Reserves for the West Zone

Category	Tonnage (Mt)	Grade (% Cg)	Contained Graphite (Mt)
Proven	17.3	4.16	0.7
Probable	44.3	4.26	1.9
Proven & Probable	**61.7**	**4.23**	**2.6**

The Qualified Person for the Mineral Reserve Estimate is Jeffrey Cassoff, P.Eng., of BBA Inc.

The effective date of the estimate is July 6, 2022.

Mineral Reserves were estimated using a graphite concentrate average selling price of C$2,135/tonne, and considering a 2% royalty, and selling costs of C$47.92/tonne. An average grade of 97% was considered for the graphite concentrate.

A metallurgical recovery of 93% was used.

A cut-off grade of 2.20% Cg was used.

The strip ratio for the open pit is 1.16 to 1.

The Mineral Reserves are inclusive of mining dilution and ore loss.

The reference point for the Mineral Reserves is the primary crusher.

Totals may not add due to rounding.

Matawinie Mine Demonstration Plant (Phase 1)

Since 2018, the Company has been operating a concentrator demonstration plant in Saint-Michel-des-Saints to support its business strategy and notably to:

- qualify the Company's graphite products and establish a sales record;

- test and improve processes for commercial operations;
- test new innovative technologies of tailings management and site restoration; and
- train employees and promote future employment opportunities to local labor.

Several hundred tonnes of graphite concentrate are being produced on an annual basis with the materials extracted from the West Zone Deposit of the Matawinie graphite property with grades between 94-98% Cg (as per technical requirements). Production serves as the feedstock for the Company's Phase-1 battery material demonstration plants and as samples for potential customers interested in high-purity flake graphite.

Matawinie Mine (Phase 2)

The ministerial decree authorizing the project supports the technical feasibility and commercial viability of the Matawinie Mine and provides NMG with the final parameters to launch the Phase-2 development activities, subject to additional financing. Through an innovative coordination table set up by the Québec Government, NMG has worked collaboratively with various authorities to prepare and ease the permitting process.

The detailed engineering and procurement activities for the construction of the mine and concentrator continue to progress with the technical team.

- Tier-1 supplier Metso Outotec has been retained for procurement of the process equipment chain as well as services promoting design and integration efficiencies.
- Continued detailed engineering and optimization, notably on overall site layout, steel and architecture drawings, support buildings, compressed air and mechanical components, are progressing, supported by the finalization of process design parameters and equipment selection.
- Results from the experimental co-disposal test cells are positive, validating the co-disposal technology developed by NMG.

The project contracting and execution strategy has now been finalized for the upcoming construction of the mine once FID is reached. NMG is advancing its hiring plan accordingly and engaging with contractors to select a Construction Manager that will be responsible for the construction site management and administration of all the construction contracts.

NMG started early works in 2021 to prepare the site for the mine industrial platform and the access road connecting the project to the local highway.

- Initial tree clearing was completed before the nesting season to limit impacts on avifauna.
- On-site construction work started in July 2021 to build the 8-km access road and was completed in December 2021.
- Construction resumed in 2022 and continued up to February 2023 to build environmental infrastructure such as water ditches, a water collection basin, as well as organic and overburden stockpiles, and prepare the site for the next phase of civil works.

Wood harvested as part of tree clearing for preliminary works was transformed by regional sawmills and wood product manufacturers to optimize carbon sequestration and local economic benefits. Additional proactive environmental management enabled the advancement of initiatives in support to progressive site reclamation.

- Hydroseeding of the access road borders on a total surface of 4 hectares, enables the testing of 24 native species in different mixes, soil conditions, and ground relief. In addition to helping vegetate the site, control potential dust emissions, and minimize erosion, the seeding provides insight into the ideal parameters for future site restoration. Over the next three to five years, the zones seeded will be subject to regular monitoring and documentation.
- Through a plantation of 5,000 willows on its Phase-1 mining site, NMG is establishing a circular environmental system. Willow's phytoremediation capabilities are to be leveraged to complement the Company's integrated water management system by reducing the volume of treated water.

  The project also allows for the capture and sequestration of carbon by the willows as well as the in-situ production of biomass, organic matter input for vegetation, to support the progressive restoration of the site.

- NMG continued its active management of on-site resources with a view for progressive reclamation with the deposition of windrows resulting from the stripping of the site to create organic matter.

As part of its electrification strategy, the Company is committed to having both its heavy equipment used for mining operations and its ore concentration and processing activities become fully electric within the first five years of production. This operating model, which would make it one of the first all-electric open-pit operations in the world, represents a potential reduction of over 300,000 tonnes of CO_2 emissions over the mine's lifespan as well as a significant advantage over peers globally.

Following its international call for prequalification as part of its procurement process for its all-electric fleet and charging infrastructure, NMG signed an agreement with Caterpillar on June 22, 2021.

- Caterpillar will develop, test, and produce Cat® *"zero-emission machines"* for the Matawinie Mine with a view to becoming the exclusive supplier of an all-electric mining fleet for deployment at NMG's Matawinie Mine by Year 5 of Phase-2 operations.
- Caterpillar's and NMG's technical teams are actively engaged in assessing technology opportunities and planning the zero-emission fleet development and testing for the Phase-2 Matawinie Mine.

NMG has been selected as a premier mining partner of the Canadian and Québec governments as they roll out their electrification strategy. Through a collaborative endeavor bringing together research and industry leaders, the Company also supports the development and testing of electric systems and rapid recharging infrastructure for heavy vehicles adapted to open-pit mining.

- The technological development and conversion of a 40-tonne electric mining service truck are completed with the project partners; testing has started at the Innovative Vehicle Institute.
- On-site testing at the Matawinie Mine construction site should start in 2023 and generate a valuable source of data from the testing of different *in situ* operational parameters to optimize the Company's electrification plan.

Furthermore, the Company has mandated Hydro-Québec, the state-owned corporation that produces, transports, and delivers power, to develop, install and operate a 120-kV electrical line that will supply the mine site and help meet its carbon-neutrality target. A dedicated line will connect the Matawinie Mine and concentrator to Hydro-Québec's hydropower network to enable the full electrification of its operations.

UATNAN MINING PROJECT

On May 15, 2022, NMG entered into an investment agreement with Mason Graphite to explore the potential development of the Lac Guéret graphite deposit. The transaction, as approved by Mason Graphite's shareholders (favorable vote by 99% of common shares represented at the special meeting on July 14, 2022), entails:

- $5 million equity-investment by NMG in Mason, in two installments;
- Project development through a preliminary economic assessment with a project capacity of a minimum of 250,000 tonnes per annum, following NI 43-101 rules and guidelines;
- Upon completion of technical studies and a $10-million investment in related works (which includes technical studies work), and at the time of acceptance of such technical studies work by Mason, NMG shall be deemed to have acquired 51% participation in the Uatnan property and will be appointed as operator. The joint venture would be funded by each party per its proportionate share of each of the approved work programs.

Following the successful closing of the investment agreement, NMG and Mason initiated a PEA on the Lac Guéret graphite deposit with consultants BBA and GoldMinds Geoservices Inc. On January 10, 2023, NMG released the results of the assessment and announced a name change to Uatnan Mining Project considering the significant modifications to Mason Graphite's original project

Targeted as NMG's Phase-3, the Uatnan Mining Project aligns with the Company's growth strategy with a view to establishing a large and fully vertically integrated natural graphite production, from ore to battery materials, at the western markets' doorstep.

Property and Mineral Resources

The Uatnan property presently consists of 74 map-designated claims totalling 3,999.52 hectares (“ha”), wholly owned (100%) by Mason Graphite. The Uatnan Mining Project is located in the Côte-Nord administrative region, Québec, Canada, approximately 220 km as the crow flies, north northwest of the closest community, the town of Baie-Comeau. It is accessible year-round by provincial paved road 389 and Class-1 forestry roads.

Exploration work on the Uatnan property targeted graphite mineralization and consists to date of airborne geophysics, prospecting, ground geophysics, trenching/channel sampling, and core drilling. Exploration work uncovered significant crystalline flake graphite mineralization, ultimately leading to the identification of Mineral Resources and Mineral Reserves (see Mason Graphite’s press release dated November 9, 2015). Although parameters to determine reasonable prospects for eventual economic extraction (RPEE) were updated, there are no significant changes between the current Mineral Resources and the Mineral Resources last published in 2015.

Uatnan Current Pit-Constrained Mineral Resource Estimate

IN-PIT CONSTRAINED MINERAL RESOURCES	Tonnes (Mt)	Grade (% Cg)	Cg (Mt)
Measured 5.75% < Cg < 25%	15.65	15.2	2.38
Measured Cg > 25%	3.35	30.6	1.02
Total Measured	**19.02**	**17.9**	**3.40**
Indicated 5.75% < Cg < 25%	40.29	14.6	5.89
Indicated Cg > 25%	6.33	31.6	2.00
Total Indicated	**46.62**	**16.9**	**7.89**
Indicated + Measured 5.75% < Cg < 25%	55.94	14.8	8.27
Indicated + Measured Cg > 25%	9.70	31.2	3.03
Total Measured + Indicated	**65.64**	**17.2**	**11.30**
Inferred 5.75% < Cg < 25%	*15.35*	*14.9*	*2.28*
Inferred Cg > 25%	*2.47*	*31.8*	*0.79*
Total Inferred	***17.82***	***17.2***	***3.07***

Notes:

1. The Mineral Resources provided in this table were estimated by M. Rachidi P.Geo., and C. Duplessis, Eng., (QPs) of GoldMinds Geoservices Inc., using current Canadian Institute of Mining, Metallurgy and Petroleum (CIM) Standards on Mineral Resources and Reserves, Definitions and Guidelines.
2. Mineral Resources which are not Mineral Reserves do not have demonstrated economic viability. The estimate of Mineral Resources may be materially affected by environmental, permitting, legal, title, market or other relevant issues. The quantity and grade of reported Inferred Mineral Resources are uncertain in nature and there has not been sufficient work to define these Inferred Mineral Resources as indicated or Measured Mineral Resources. There is no certainty that any part of a Mineral Resource will ever be converted into Mineral Reserves.
3. The Mineral Resources presented here were estimated with a block size of 3mE x 3mN x 3mZ. The blocks wereinterpolated from equal-length composites (3 m) calculated from the mineralized intervals.
4. The Mineral Resource estimate was completed using the inverse distance to the square methodology utilizing three runs. For run 1, the number of composites was limited to ten with a maximum of two composites from the same drillhole. For runs two and three the number of composites was limited to ten with a maximum of one composite from the same drillhole.
5. The Measured Mineral Resources classified using a minimum of four drillholes. Indicated resources classified using a minimum of two drillholes. The Inferred Mineral Resources were classified by a minimum of one drillholes.
6. Tonnage estimates are based on a fixed density of 2.9 t/m^3.
7. A pit shell to constrain the Mineral Resources was developed using the parameters presented in the PEA. The effective date of the current Mineral Resources is January 10, 2023.
8. Mineral Resources are stated at a cut-off grade of 5.75% C(g).

Uatnan Mining Project (Phase 3)

The Uatnan Mining Project optimizes the Mineral Resources and expands the original mining project tenfold with a production of approximately 500,000 tpa of graphite concentrate, entirely destined for the anode material manufacturing market.

The Uatnan Mining Project would be operated as a conventional open-pit with a concentrator near the deposit and electricity to be sourced from the Manic-5 hydroelectric power station. In line with NMG's responsible mining approach, plans include progressive site closure with backfilling of the pit with waste rock as much as possible and assessment of fleet electrification.

Operational Parameters of the Uatnan Mining Project

OPERATIONAL PARAMETERS	
LOM	24 years
Nominal annual processing rate	3.4 M tonnes
Stripping ratio (LOM)	1.3:1
Average grade (LOM)	17.5% Cg
Average graphite recovery	85%
Average annual graphite concentrate production (LOM)	500,000 tonnes
Finished product purity	94% Cg

Cautionary Note: The PEA is preliminary in nature and includes Inferred Mineral Resources, considered too speculative geologically to have the economic considerations applied to them that would enable them to be categorized as Mineral Reserves, and there is no certainty that the PEA will be realized. Mineral resources that are not mineral reserves have not demonstrated economic viability. Additional trenching and/or drilling will be required to convert inferred mineral resources to indicated or measured mineral resources. There is no certainty that the resources development, production, and economic forecasts on which this PEA is based will be realized.

Design of the Uatnan Mining Project has been tailored to the needs of the battery and EV market, orienting production volumes for beneficiation in order to produce active anode material. The PEA shows strong economics for NMG's updated operational parameters and production volumes.

Economic Highlights of the Uatnan Mining Project

ECONOMIC HIGHLIGHTS	Uatnan Mining Project
Pre-tax NPV (8% discount rate)	C$ 3,613 M
After-tax NPV (8 % discount rate)	C$ 2,173 M
Pre-tax IRR	32.6%
After-tax IRR	25.9%
Pre-tax payback	2.8 years
After-tax payback	3.2 years
Initial CAPEX	C$ 1,417 M
Sustaining CAPEX	C$ 147 M
LOM OPEX	C$ 3,236 M
Annual OPEX	C$ 135 M
OPEX per tonne of graphite concentrate	C$ 268/tonne
Concentrate selling price	US$ 1,100/tonne

All costs are in Canadian dollars with the exception of the graphite sale price which is provided in US dollars.

On the basis of these positive results, NMG plans to launch an updated feasibility study. The Company intends to leverage the expertise of its technical team, its Phase-1 facilities, and its knowledge of the graphite-based advanced materials commercial landscape to further define the economic, technical, and environmental possibilities of developing the Uatnan Mining Project.

COMMERCIAL STRATEGY

SALES

The integrated material flowsheet developed by NMG is designed to leverage the distribution of graphite concentrate flake sizes to be produced at the Phase-2 Matawinie Mine by catering to the most profitable market segments. Jumbo to coarse flakes will be destined to high-purity, high-margin specialty and traditional markets while fine to intermediate flakes will be transformed into CSPG at the Phase-2 Bécancour Battery Material Plant for sales as anode material for lithium-ion battery applications. A portion of jumbo flakes will also undergo refinement at the Bécancour Battery Material Plant to produce purified jumbo flakes for niche applications such as heat dissipators in 5G technologies and bipolar plates in hydrogen fuel cells. By-products from this facility will also be sold to optimize the Bécancour basket price.

- As part of the Feasibility Study, Benchmark Mineral Intelligence, an IOSCO-regulated price reporting agency and market intelligence publisher for the lithium-ion battery to EV supply chain, provided pricing estimates for the North American market. The Company is expected to have competitive advantages over international producers, namely its carbon-neutral footprint, multimodal logistical base, stable political jurisdiction, and exclusion from U.S. import tariffs on graphite.

Beyond commercialization of Phase-2 production, the development of the Uatnan Mining Project supports the Company's commercial discussions with OEMs and lithium-ion battery cell makers seeking to secure significant graphite volumes amidst growing market demand and a projected structural deficit of production (Benchmark Mineral Intelligence, December 2022).

Commercial Agreements

On October 19, 2022, the Company signed a memorandum of understanding with Panasonic Energy to confirm intentions for a multi-year offtake agreement for a significant portion of NMG's active anode material out of NMG's fully integrated "ore-to-anode-material" Phase-2 facilities.

- NMG and Panasonic Energy are actively working together to finalize product qualification and establish a contemplated definitive offtake agreement. Meetings and on-site visits continue to help advance technical and commercial components.
- NMG's industry-leading environmental footprint as established by an independent recent life cycle assessment and strong ESG credentials aligned with Panasonic's vision and support its decarbonization commitment.
- A complementary framework agreement was concluded between NMG, Panasonic Energy and Mitsui for the development and further commercialization of NMG's integrated anode material operations. The agreement looks to optimize the Feasibility Study and other important project-related operational milestones with a view to proceeding with project financing and the final investment decision on the Phase-2 Matawinie Mine and Bécancour Battery Material Plant.
- Mitsui rallied behind NMG as a strategic investor and will support NMG's marketing initiatives for specific markets.

On February 14, 2019, the Company entered into a binding offtake and joint marketing agreement with Traxys for flake graphite concentrate to be produced at the Company's Saint-Michel-des-Saints facilities.

- Traxys market flake graphite concentrate from the Company's operating graphite demonstration plants for customer product prequalification purposes.
- For each of the first five years of the Company's commercial production, 25,000 tonnes of flake graphite product will be sold through Traxys by NMG.
- Traxys have the exclusive right to market, distribute and resell the flake graphite products to its customer base.

Business Development

In line with its active marketing and commercialization program, NMG continues to qualify anode material samples with leading battery and EV manufacturers, as well as purified jumbo flakes for niche applications such as 5G technologies and hydrogen fuel-cells. The Company's Phase-1 operations support technical marketing and product qualification efforts.

- Production at the Phase-1 facilities and testing at NMG's new state-of-the-art laboratory enable the supply of graphite products in a variety of specifications to meet the individual requirements of each manufacturer.
- A total of 47 samples were produced and supplied to potential customers in 2022 as part of sales discussions. NMG has advanced into the qualification process with several manufacturers, now providing A & B samples.
- Sustained interest from top-tier potential customers across continents is supported by quality checks, site visits to the Company's Phase-1 operations, requests for information and environmental due diligence.

To validate compliance with specifications and test NMG materials' performance, samples are submitted to quality, cycling, and electrochemical tests at the Company's battery laboratory as well as at third-party's and/or potential customers' laboratories.

NMG is actively strengthening quality assurance and quality control with the development of an ISO 9001-compliant management system to support the Company's certification objectives, the groundwork for which has commenced in Q1-2022. Throughout the year, the Company has progressed along its quality roadmap through process definition, documentation, quality control planning, and internal audits.

PARTNERSHIPS, RESEARCH AND DEVELOPMENT

NMG has submitted a patent application for its proprietary thermochemical purification technology, a greener and more sustainable alternative to that currently used in traditional anode material production, to the U.S. Patent and Trademark Office as part of its intellectual property strategy.

NMG is operating a laboratory at its battery material demonstration plants, an addition to the Company's existing quality testing facilities. This expansion was triggered by NMG's commitment to catering to the market's requirements for high-performing and environmentally responsible battery materials that can be tailored to a variety of specifications.

In August 2022, NMG secured a $5.75 million grant from Sustainable Development Technology Canada, a flagship program from the Government of Canada, for the deployment of its proprietary coating technology. The Québec Government also confirmed on January 13, 2023, a financial assistance of up to $3 million through its Technoclimat program for that project. The Company's innovative coating technology could generate up to 25% energy reduction, optimize production flow, and provide versatility for different precursors as R&D advances.

The Company also maintains a portfolio of research and development projects to refine its line of specialty products based on market demands and innovations, among which:

- NMG is working with materials engineering expert Philippe Ouzilleau, a professor at McGill University, and his research team to develop new types of precursors and coating technologies to reduce the environmental footprint of its advanced graphite products, optimize production costs, and improve the properties for existing performance.
- In collaboration with Professor Lionel Roué from the Énergie Matériaux Télécommunications Research Centre of the Institut national de la recherche scientifique and Professor Philippe Ouzilleau from McGill University, NMG intends to develop a series of high electrochemical performance graphite-based composites by valorizing residual materials from NMG's process as well as bio-sourced materials.
- The Company also collaborates with Professors Gervais Soucy and Jocelyn Veilleux of the University of Sherbrooke on advanced graphite transformation technologies based on high-performance ecological thermal processes.

NMG has signed a collaboration agreement with Lithion Recycling for the recovery and value-added transformation of recycled graphite for reuse as anode material for lithium-ion batteries. The partnership aims at leveraging NMG's and

Lithion's proprietary processes and expertise to promote graphite circularity and better position both companies in the evolving global market.

NMG has been admitted as an active member of the Global Battery Alliance, a World Economic Forum's initiative dedicated to helping establish a sustainable battery value chain, which makes NMG one of the first battery materials producers to be admitted.

- In January 2023, the Global Battery Alliance launched the Battery Passport proof of concept, a major leap towards globalized standards for sustainable battery production. NMG contributed to the endeavour by informing the Global Battery Alliance's traceability efforts and engaging as an active member of the association.

MARKET UPDATE

Supply chains remain under pressure which is exacerbated by increased demand for battery minerals and new policies. Indeed, EVs, renewable energy solutions and electronics continue to gain market shares, but manufacturers are facing a challenge as raw materials required to produce these battery-powered applications are becoming constrained.

Benchmark Mineral Intelligence forecasts a flake graphite deficit of nearly 2 million tpa by the end of the decade, predicting that demand for natural graphite will exceed supply, creating a deficit market starting as of 2023. OEMs, feeling this supply chain pressure, are turning their attention upstream to secure supplies and reduce their risks. Through direct development, joint ventures or strategic alliances, processing and mining are now gaining manufacturers' attention.

With China being the only producer of spherical graphite, the current situation has reinforced the need for local and resilient supply chains. NMG is set to become the largest fully integrated source of green battery anode material in North America, benefiting in this respect.

- With a projected 8,148 GWh of global lithium-ion battery production capacity by 2030, demand for advanced materials is set to increase up to fivefold, with graphite outpacing the other battery metals (Benchmark Mineral Intelligence, March 2023) at 10,363,000 tpa.

While expertise, technology, and production capacity have historically been centred in Asia, the market is shifting toward localization. Canada is among the emerging leaders of this new economy, ranking second after China according to Bloomberg NEF's annual global lithium-ion battery supply chain report (November 2022), due to its mineral resources, ESG factors, key infrastructure, innovation, and industry including Québec's battery valley in Bécancour. NMG's site for its Phase-2 Bécancour Battery Material Plant is indeed located at the center of this fast-developing zone, supported by the Québec Government's battery hub strategy.

Indeed, technological trends and new greenhouse gas ("GHG") policies have pushed the graphite market, mainly with regard to lithium-ion batteries and fuel-cell technologies, into an accelerated growth curve. Western governments are deploying programs, policies, and business incentives to support the development of local capacity and reduce overreliance on Chinese supply.

- The European Union, Canada and the U.S. have identified graphite as a strategic mineral for economic growth and national security.
- Canada has now outlined partnerships with both the European Union and the U.S. to secure supply chains and encourage market diversification from China's raw materials.
- In 2022, both the U.S. and Canadian governments have announced investments in the development of North American critical minerals production to ensure the domestic supply required to build a local battery economy.
- In Q3-2022, the U.S. government adopted the *Inflation Reduction Act of 2022* that namely promotes EV adoption through consumer incentives, North American sourcing and production for the lithium-ion battery supply chain, and development of charging infrastructure. The Act has brought even more interest towards NMG as it is projected to be the only fully integrated source of natural graphite, from mine to anode material, in North America with significant volume.

To meet consumer demand and tap into governmental programs, the world's top automakers are now projected to spend nearly $1.2 trillion by 2030 on sourcing batteries and raw materials, and producing Evs (Reuters, October 2022).

Concurrently, there is increased focus on carbon neutrality in the market to cater to consumers' green expectations and governments' more stringent environmental regulations. From the Global Battery Alliance's effort to develop a Battery Passport to the European Commission's proposed updated Battery Directive that would require labelling of batteries to disclose their carbon footprint, the market is shifting to encourage and eventually potentially require low-carbon products. The European Union, which already set GHG emissions limits for EVs and industrial batteries, adopted a deadline on combustion engine production by 2035 as it steps up the fight against climate change through faster adoption of EVs.

NMG is positioning itself to respond to these market trends. The Company is ideally located to cater to the North American and European markets with its large graphite deposit, proprietary ecotechnologies, demonstrated production capacity, carbon-neutral profile as well as preferential jurisdiction advantages including clean hydropower, flexible logistical base and stable fiscal and political environment.

RESPONSIBILITIES

From mining to advanced manufacturing, NMG strives to drive greater sustainability along its value chain. The Company embedded leading ESG principles in its business model alongside carbon-neutral operations and traceability of its value chain. Sustainability guided the development of the Matawinie Mine Project from day one through extensive stakeholder engagement and pioneering design choices to protect the environment, and was carried over in the engineering of the Battery Material Plant Project and the development of the Uatnan Mining Project.

On a foundation of accountability with a view to contributing to global environmental and sustainability goals, NMG publishes an annual ESG Report to disclose its managerial approach to addressing material topics and highlight significant sustainability milestones and indicators. The Company is committed to engaging in this transparency exercise yearly to provide its stakeholders with a comprehensive set of data on its ESG performance; the 2022 ESG Report should be issued in Q2-2023.

In an independent assessment of the Company's sustainability performance, Moody's ESG Solutions has provided a Sustainability Rating of A2 ('Robust'), the second-highest grade on its rating scale, to NMG. The rating can be consulted on the Company's website.

HUMAN CAPITAL

Health & Safety

The Company is committed to providing a safe work environment to its staff and business partners. For the year ended December 31, 2022, NMG had an Occupational Safety and Health Administration ("OSHA") Recordable Incident Rate of 2.25.

- The rate reflects minor incidents that occurred at the Company's Phase-1 plant. Internal safety investigations confirmed that NMG's work protocol were not at fault. Nevertheless, training on safe working methods continues with personnel as part of the Company's prevention program.
- The Company also tracks the contractors' health and safety performance on-site; the OSHA Recordable Incident Rate is at 0, for the period.

In relation to COVID-19, NMG maintains vigilance, tracks public health directives, and adapts work protocols as needed to provide a safe environment to its employees, contractors, and communities.

Employment, Diversity, Equity & Inclusion

As the Company advances its projects, recruitment of key personnel continues both at the operational and corporate levels. NMG regards diversity as an important driver of strategy, creative thinking, and business performance. The Company promotes local and Indigenous recruitment opportunities to maximize benefits within its communities and strive to ensure representation of its milieu.

NMG recognizes that attraction, hiring, and retention of human capital pose challenges in today's tight labor market. Hence, NMG is actively working to position itself as an employer of choice and a purpose-driven company in its communities, industries, and academic circles.

Training

To facilitate employment and bolster communities' socioeconomic fabric, NMG has launched initiatives to train and hire local workers in collaboration with industrial, institutional, and business partners.

- Diploma of Vocational Studies in Production Equipment Operation: Seven cohorts of this on-the-job training program leading graduates to a position as an operator at the Matawinie Phase-1 demonstration plants have now been launched, with a new cohort targeted to start at the end of March 2023.
- Mining and Logging Essentials: This sociovocational integration program destined to members of the Atikamekw communities aims to reinforce the employability of Indigenous workers. Following a COVID-19-imposed pause, the program was launched in Q2-2022 and completed in early Q3-2022 with eight graduating students. One graduating student, supported by NMG, has enrolled in the seventh cohort of the Diploma of Vocational Studies in Production Equipment Operation to pursue his education and obtain a position within the Company.

NMG held its annual Employee Summit at the end of Q3-2022. This two-day, all-staff meeting focused this year on the environment through training sessions, workshops, and on-site visits. A conference on change management and adaptation was also offered as a continuous learning and self-development opportunity.

ENVIRONMENT

The Company is developing its projects to extract and transform natural graphite while limiting its environmental footprint, preserving ecosystems, maintaining its carbon-neutral status, and maximizing its products' contribution to global decarbonization efforts. Dedicated to stringent sustainable development standards, NMG is committed to adopting a fully electric operating model – both at the mining and advanced manufacturing facilities – leveraging Québec's renewable hydropower.

Responsible Mining

NMG has integrated innovative environmental initiatives to limit the Matawinie Mine's potential impact on the natural and human milieu. On April 15, 2019, the Company officially filed its Environmental and Social Impact Assessment ("ESIA") for the Matawinie Mine with the Government of Québec. Following its analysis by 25 provincial agencies and ministries, the Québec *Ministère de l'Environnement et de la Lutte contre les changements climatiques* gave the *Bureau d'audiences publiques sur l'environnement* ("BAPE") the mandate to launch a public consultation. Public hearings held in January and February 2020 informed the Commission's report, which was tabled in June 2020.

- The Commission recognized the economic justification, environmental innovations, integration measures and social benefits associated with the mining project and identified avenues for enhancement.
- Following a rigorous environmental review complementary to the BAPE's analysis, the Québec Government issued a ministerial decree on February 10, 2021, authorizing NMG's Matawinie Mine.

To protect the environment and the well-being of the community, NMG has developed an environmental surveillance and monitoring program to oversee the construction, operation, and closure activities of the Matawinie Mine.

- In 2022, NMG maintained its track record with no major environmental incidents as per the Global Reporting Initiative's definition. Through its work protocols, continuous monitoring, and environmental program, it responsibly conducted its operations and worked to diligently address and mitigate any minor incident at its sites.

Mine tailings represent a significant environmental responsibility. NMG has put forward innovative design criteria by prioritizing the desulphurization of tailings, the gradual backfilling of the pit, and the co-disposal of waste rock and tailings. Field-scale cells were built in 2020 to demonstrate in real conditions the performance of this innovative environmental method and calibrate the parameters with respect to the performance of the tailings co-disposal objectives design including preventing sulfide oxidation and mine water contamination. The field test cells are instrumented to study their geochemical

behavior under real conditions with sensors monitoring oxygen, water, and temperature. The Company's Environment team monitors the evolution of these parameters, thus supporting the optimization of tailings deposition plans of the future commercial mine.

As detailed under the Matawinie Mine (Phase 2) subsection, progressive site reclamation planning and site tests are underway as part of the Company's proactive environmental management and commitment to no net loss.

Sustainable Production

NMG is committed to promoting responsible production across its value chain for responsibly extracted, environmentally transformed, and ethically sourced materials. The Company mandated a specialized consultant to carry out an independent cradle-to-gate life cycle assessment for its portfolio of graphite-based materials. On July 18, 2022, the Company published the assessment results that confirmed the minimal and industry-leading environmental footprint of its planned production. NMG's full commercial-scale Phase-2 all-electric facilities are forecasted to produce CSPG – anode material for lithium-ion batteries – with a Global Warming Potential GWP of 1.23 kg CO_2 equivalent per kg, an impact up to 11 times smaller than that of benchmarked production.

- The low environmental impact of NMG's products supports customers' search for sources that reduce their Scope 3 greenhouse gas emissions and complies with increasingly stringent regulations while also providing insight to strengthen the Company's environmental efforts, continuous improvement, and climate action.
- Panasonic Energy's decision to partner with NMG is partly attributable to the Company's demonstrated green production model as highlighted in Panasonic Energy's announcement: "Being able to utilize NMG's low environmental impact graphite is a major step toward our goal of halving our carbon footprint by FY2031" (Panasonic, October 2022).
- Integrated into the life cycle assessment report is a benchmarking exercise conducted by Minviro, a life cycle assessment and sustainability consultant in the battery material space, comparing the footprint of CSPG from natural graphite along three production routes.

Extraction and concentration	Advanced manufacturing	GWP (kg CO_2 eq per kg)
China	China	14.1
Mozambique	U.S.	6.1
Sweden	Sweden	3.1

Streamlined Life Cycle Assessment Study of Global Anode Grade Natural Graphite Manufacturing, Minviro, March 2022.

GWP of NMG's CSPG (kg CO_2 eq per kg)
1.23

LCA of Natural Graphite-Based Products Manufactured by NMG, CT Consultant, July 2022.

NMG continues to seek opportunities to enhance the properties of its materials, optimize technological solutions, reduce its footprint, improve its products' life cycle, and develop recycling processes to drive sustainable production across the various industries it caters to.

CARBON NEUTRALITY

Taking responsibility for its environmental footprint, the Company has taken concrete steps to avoid, reduce, and fully offset its GHG emissions, confirming its carbon-neutral status and mapping its intended transition to Net Zero by 2030. On February 24, 2022, NMG released its Climate Action Plan detailing efforts for the Company's embedded emissions around transparent reporting, reduction of its climate impact, transition to Net Zero, research and development for low-carbon materials and activities, as well as industry leadership. NMG's targets are based on, but not limited to, all Scope 1, Scope 2, and some Scope 3 emissions, including business travel, direct emissions associated with the facilities' construction and the transportation of goods between sites.

- For 2022, the Company reported GHG emissions of 1,229.1 tonnes of CO_2 equivalent for carrying out its operations at its Phase-1 demonstration plants and corporate offices. NMG has purchased verified carbon credits to offset this balance.
- Detailed performance and historical data is available via NMG's annual ESG Report; the 2022 ESG Report should be published in Q2-2023.

NMG voluntarily initiated reporting under the Climate Disclosure Project ("CDP") in 2022 to demonstrate its management of climate risks and opportunities, environmental performance and GHG reduction efforts, as well as climate action. CDP provides a transparent and recognized disclosure system that enables investors and stakeholders to access and compare organizations' environmental stewardship.

SOCIAL

NMG strives to develop business activities that are supported by its communities and by First Nations, and contribute to the overall development and advancement of the areas where the Company operates.

The Matawinie Mine is located in the municipality of Saint-Michel-des-Saints, approximately 120 km as the crow flies north of Montréal, Québec. In keeping with its environmental and ethical development goals, the Company has launched many initiatives since the Matawinie graphite deposit was discovered in 2015 to align the project with the realities, concerns, and values of the local community. Information events, consultations as part of the ESIA, a community office with a dedicated Community Relations Manager, a Monitoring Committee, public communication platforms and a social responsibility program ensure local communities are consulted early and often throughout the development process.

- A collaboration and benefit-sharing agreement with the municipality of Saint-Michel-des-Saints was signed in 2020 to set out a concrete social, economic and environmental development partnership through financial and participatory mechanisms.

NMG's open and proactive engagement approach also extends to its Bécancour Battery Material Plant in Bécancour, Québec. The Company's site is located in one of the largest industrial parks in Canada with access to a deep-water international port on the St. Lawrence River. The Company initiated outreach activities in early 2022 and intends to continue as it makes progress in terms of project development.

Upon the publishing of the Uatnan Mining Project PEA results, NMG's Management team carried out a series of on-site meetings with stakeholders in the Baie-Comeau/Manicouagan region. Building on the first visit to the region, the Company representatives reinforced the dialogue with local organizations, groups, citizens, authorities, and elected officials and presented the new project. NMG is committed to maintaining active engagement with the milieu as it advances the development of the Uatnan Mining Project.

Indigenous Relations

Respect for the rights, culture, aspirations, and interests of Indigenous peoples guides the development of NMG's sustainable business practices.

The Company has consulted and continues to engage with the Atikamekw First Nation in the Manawan community (85 km North of the Saint-Michel-des-Saints) and with the Band Council in the development of the Matawinie Mine.

- NMG signed a framework agreement (2018) and a pre-development agreement (2019) with the Atikamekw First Nation to provide a guideline for negotiating an Impact and Benefit Agreement for the Matawinie Mine Project.
- NMG is actively engaged in discussions with the First Nation to advance the Impact and Benefit Agreement with a view to maximize opportunities.
- In parallel, initiatives support training, employment, and business opportunities in line with the spirit of the contemplated Impact and Benefit Agreement.

NMG is engaged in an open dialogue with the Abenakis First Nation (Wôlinak community is 5 km South of Bécancour) as part of the development of the Bécancour Battery Material Plant.

- An archeological potential study was carried out by the Grand Conseil de la Nation Waban-Aki in Q2-2022 for NMG's industrial land; no presence of archeological artifacts were confirmed.
- Continued dialogue and collaboration with the Ndakina Office which is responsible for consultation and environmental protection are helping define interests, concerns, and opportunities for cooperation.

As part of the Uatnan Mining Project, the Company has initiated a relationship with the Innu First Nation of Pessamit (315 km South of the property) to understand their perspective, concerns, and priorities towards this project.

The Company appointed Kelly LeBlanc to the new position of Manager, Indigenous Relations where she contributes her understanding of First Nations' environmental and social issues, and develops meaningful relationships focused on respect and sustainability.

NMG is committed to continuing its tradition of listening and responding to community and First Nations' concerns and needs, creating well-paying jobs for the local communities to maximize local employment, be a leader in environmental stewardship, and invest in the region and province through tax generation and the purchase of goods and services.

GOVERNANCE

LEADERSHIP

The Company's management team and Board of Directors recognize the value of good corporate governance and the need to adopt best practices in terms of social, economic, and environmental responsibility. The Company's Code of Conduct, Board of Directors' charter, and key policies can be found on NMG's website.

The Company's directors have vast expertise in mining development and exploration; health, environment, and safety; legal and intellectual property; finance, investor relations and financing; business administration and corporate governance; technology development and innovation; sustainability, diversity and inclusion; manufacturing and construction; Indigenous relations; as well as sales and marketing.

- Two Directors, Nathalie Jodoin and Yannick Beaulieu, completed their mandate in Q2-2022.
- At the Company's Annual General Meeting of Shareholders, the mandates of the remaining Directors – Daniel Buron, Eric Desaulniers, Arne H Frandsen, Jürgen Köhler, Nathalie Pilon, James Scarlett, and Andrew Willis were reconfirmed as per shareholders' vote.
- Stephanie Anderson was appointed to the Board of Directors on November 11, 2022.
- A search to find talented executives to complement the Board of Directors, with special emphasis given to gender and diversity representation, continues.

Indeed, NMG recognizes that a diverse and inclusive environment that values the diversity of thought, background, skills, and experience facilitates a broader exchange of perspectives and improves oversight, decision-making and governance in the best interests of the Company. The Human Resources, Nominating and Compensation Committee, which is responsible for recommending director nominees to the Board of Directors, seeks to attract high-quality directors. In assessing potential candidates, the Committee considers their merit based on a balance of skills, abilities, personal qualities, educational qualifications, and professional experience.

The following committees support the Board of Directors' activities: the Audit Committee; the Human Resources, Nomination and Compensation Committee; the Governance, Compliance, and Legal Committee; the ESG, Safety and Health Committee; as well as the Projects and Development Committee. Charters for each committee can be found on NMG's website.

NMG's management team, leaders with distinctive skillsets, qualities, and a shared sense of enthusiasm towards the Company's vision, steers its development.

- In January 2022, Bernard Perron was appointed to the position of Chief Operating Officer, overseeing Nouveau Monde's engineering, procurement, construction, operations, as well as environmental, health and safety management.
- In March 2022, NMG appointed Marc Jasmin as Director, Investor Relations.
- In October 2022, NMG nominated to its management team Anoop Singh as Vice President, Mining Projects and Josée Gagnon as Vice President, Legal Affairs & Corporate Secretary. These nominations coincide with NMG's preparation for the transition toward its Phase 2 integrated commercial operations.
- In February 2023, NMG appointed Jean Cayouette as Vice President, Metallurgy & Process.

RISKS

The Company operates in an industry that contains various risks and uncertainties. For a more comprehensive discussion of these inherent risks, see "Risk Factors"' in the Company's most recent annual information form and its prospectus supplements no. 1 and no. 2 on file with the Canadian provincial securities regulatory authorities and on SEDAR and on EDGAR.

FINANCING

In recent months, NMG advanced financing efforts for the development of its fully vertically integrated Phase-2 operations, combining the Bécancour Battery Material Plant and Matawinie Mine. Following the appointment of financial advisors to assist with the structuring and securing of project financing, the Company has engaged with export credit agencies, governments, strategic investors, and potential customers to frame a robust capital structure that leverages international debt, government funding and equity. NMG received formal expressions of interest to cover approximately up to 70% of the estimated total funding for an integrated project, subject to standard project finance conditions.

- NMG's financing approach strives to further derisk its development by seeking to secure medium-term debt, complemented by strategic equity participation.
- NMG appointed Société Générale as the sole mandated lead arranger to oversee the due diligence process, support efforts to obtain final credit approval and assist in offtake negotiations.
- To support the latest stages of project financing with its projected lenders, NMG hosted independent consultants to its facilities to review the engineering, environmental and social components of its current and projected operations as part of Société Générale's due diligence.
- Through a Framework Agreement signed on October 19, 2022, NMG, Mitsui, and Panasonic Energy will work to optimize the Phase 2 parameters with the intention to proceed with project financing and the final investment decision on both the Matawinie Mine and Bécancour Battery Material Plant once that optimization phase is completed, and all operational variables are well understood.

On October 19, 2022, NMG entered into unsecured convertible note subscription agreements with Mitsui, Pallinghurst and Investissement Québec pursuant to which NMG has agreed to issue, upon closing of the transaction, to each holder an unsecured convertible note: Mitsui subscribed for US$25 million, while Pallinghurst, and Investissement Québec each subscribed for US$12.5 million, for a total of US$50 million. On November 8, 2022, the Company closed the previously announced private placement of unsecured convertible notes.

- The convertible notes will mature 36 months from the date of issuance and shall bear interest at the higher of 6% per annum and the 90-day average term SOFR (secured overnight financing rate) plus 4% per annum, compounded daily. At the end of each quarter starting December 31, 2022 the Company has an option to pay the interest in (i) cash; or (ii) subject to TSXV approval, by capitalizing interest and adding it to the principal, which would then be converted into common shares (and not units) at a US Dollar equivalent of the Company's share price determined at the quarter end on which such interest become payable.
- The convertible notes are subject to a hold period of four months and one day in accordance with relevant regulatory and stock exchange policies.

In Q1-2023, the Company announced the closing of grants for an amount of $3.6 million for the deployment of the coating technology at NMG's Phase-1 operations and for R&D projects targeting the development of advanced manufacturing of graphite-based materials with a low environmental impact. Included in the amount above is the TEQ coating demonstration plant grant totalling $3M, which has an effective date for costs incurred starting January 2022.

ATM Offering

The net proceeds received from the ATM Offering in 2022 totalling $3.9 million have been used for general working capital and corporate expense needs.

QUARTERLY RESULTS

During the three-month period ended December 31, 2022, the Company recorded a net loss of $4,836 ($10,623 in 2021), a basic loss per share of $0.09 ($0.25 in 2021) and a diluted loss per share of $0.13 ($0.25 in 2021).

Description	Q4-2022 (note a) $	Q3-2022 (note b) $	Q2-2022 (note c) $	Q1-2022 (note d) $
Revenue	-	-	-	-
Net loss	(4,836)	(12,765)	(14,042)	(16,071)
Basic loss per share	(0.09)	(0.23)	(0.25)	(0.29)
Diluted loss per share	(0.13)	(0.23)	(0.25)	(0.29)

Description	Q4-2021 $	Q3-2021 $	Q2-2021 $	Q1-2021 $
Revenue	-	-	-	-
Net loss	(10,623)	(8,945)	(12,878)	(7,444)
Basic loss per share	(0.25)	(0.19)	(0.34)	(0.22)
Diluted loss per share	(0.25)	(0.19)	(0.34)	(0.22)

a) The net loss in Q4-2022 decreased by $5.8M compared to Q4-2021 mainly due to a gain of 11.2M$ related to the fair value adjustment as at December 31, 2022 of the embedded derivatives in the convertible notes (for more details, refer to note 15 of the audited consolidated financial statements). This is partially offset by the vesting expenses of stock options granted to key management personnel and consultants in 2022 and higher depreciation expenses related to the purification demonstration plant and the laboratory that were placed in service in 2022.

b) The net loss in Q3-2022 increased by $3.8M compared to Q3-2021 mainly due to the start of depreciation for the purification demonstration plant and for the laboratory equipment in 2022. Secondly, wages and benefits also increased due to the beginning of operations at the purification demonstration plant and new hires were made to support the Company's growth phase. Lastly, share-based compensation expenses increased mostly due to vesting expenses of stock options granted to key management personnel and consultants in 2022.

c) The net loss in Q2-2022 increased by $1.2M compared to Q2-2021 mainly due to the increase in engineering fees related to the feasibility study for the Bécancour Battery Material Plant, the start of depreciation expenses for the purification demonstration plant and the laboratory equipment, and an increase in insurance fees following the NYSE listing, which is partially offset by a decrease in share-based compensation.

d) The net loss in Q1-2022 increased by $8.6M compared to Q1-2021 mainly due to the increase in engineering fees related to the Feasibility Study, an increase in insurance fees following the NYSE listing and an increase in share-

based compensation expenses due to the timing of new options being granted to employees, directors, consultants, and officers.

FOURTH QUARTER RESULTS

The major variances that occurred in the fourth quarter of 2022 versus 2021 are due to the differences hereunder.

	Q4-2022 $	Q4-2021 $	VARIATION $
Exploration and evaluation expenses	1,703	1,225	478
Battery Material Plant Project expenses (a)	4,453	3,771	682
General and administrative expenses (b)	6,690	5,129	1,561
Net financial costs (income) (c)	(8,110)	99	(8,209)

a) The Battery Material Plant Project expenses increased by $682 in the fourth quarter of 2022 compared to 2021 mainly because of higher depreciation expenses due to the purification demonstration plant and the laboratory that were placed in service in 2022.

b) The General and administrative expenses increased by $1,561 in the fourth quarter of 2022 compared to 2021, mainly because of higher share-based compensation in Q4 2022 due to options granted to key management personnel in November 2022 and higher vesting expenses of stock options granted to consultants in 2022.

c) The net financial costs decreased by $8,209 in the fourth quarter of 2022 compared to 2021 mainly because of a gain of $11,199 related to the fair value adjustment as at December 31 of the embedded derivatives in the convertible notes. This is partially offset by an unrealized foreign currency exchange loss on cash and the convertible notes, by the decline in Mason's share market value, and by the quarterly accrued interest on the convertible notes.

ANNUAL FINANCIAL INFORMATION

SELECTED ANNUAL INFORMATION

Annual information as at and for the years ended December 31, 2022, 2021, and 2020.

Description	2022	2021	2020
Other revenues	-	57	-
Net loss	47,714	39,890	17,978
Basic loss per share	(0.86)	(0.93)	(0.68)
Diluted loss per share	(0.90)	(0.93)	(0.68)
Total assets (a)	150,074	126,349	21,156
Non-current liabilities (b)	61,645	4,924	15,907

a) The increase of $23,725 in total assets between 2022 and 2021 is mainly explained by an increase of $22,032 in property, plant and equipment following the progress made to the Phase 2 Matawinie Mine project and the Phase 1 coating plant.

b) The increase of $56,721 in non-current liabilities between 2022 and 2021 is mainly explained by the closing on November 8, 2022, of a private placement of unsecured convertible notes for aggregate gross proceeds of $67.2 million (US$50 million) with Mitsui, Pallinghurst, and Investissement Quebec. For more details, refer to note 15 of the audited consolidated financial statements.

EXPLORATION AND EVALUATION EXPENSES

Description	December 31, 2022 $	December 31, 2021 $	Variation $
Wages and benefits	3,274	3,637	(363)
Share-based compensation (a)	898	452	446
Engineering (b)	162	1,856	(1,694)
Professional fees	554	190	364
Materials, consumables, and supplies (c)	824	1,330	(506)
Maintenance & Subcontracting	1,252	1,454	(202)
Geology and Drilling	31	143	(112)
Utilities	420	349	71
Depreciation and amortization	283	217	66
Other	95	213	(118)
Uatnan mining project (d)	309	-	309
Grants	(37)	(36)	(1)
Tax credits	(638)	(1,443)	805
Exploration and Evaluation Expenses	**7,427**	**8,362**	**(935)**

a) The increase of $446 in share-based compensation expenses for the year ended December 31, 2022, is mostly due to more options being granted to employees and officers.

b) The decrease of $1,694 in engineering fees for the year ended December 31, 2022, is due to the beginning of capitalization of detailed engineering on the development of the Matawinie Mine Project after the technical feasibility and commercial viability of the project was determined on March 31, 2021.

c) The decrease of $506 in materials, consumables, and supplies the year ended December 31, 2022, is due to the reduced production activities of the concentrator demonstration plant, and greater efforts put towards the installation and testing of the coating demonstration plant.

d) The increase of $309 is related to the costs incurred to complete the PEA for the Uatnan Mining Project. On January 10, 2023, NMG released the results of the PEA.

BATTERY MATERIAL PLANT PROJECT EXPENSES

Description	December 31, 2022 $	December 31, 2021 $	Variation $
Wages and benefits (a)	2,698	754	1,944
Share-based compensation	534	-	534
Engineering (b)	8,895	4,136	4,759
Professional fees	914	898	16
Materials, consumables and supplies	920	686	234
Maintenance & Subcontracting (c)	1,180	268	912
Utilities	553	-	553
Depreciation and amortization (d)	4,028	177	3,851
Other	146	39	107
Grants	(506)	(718)	212
Tax credits	(272)	(264)	(8)
Battery Material Plant Project expenses	**19,090**	**5,976**	**13,114**

a) The increase of $1,944 in wages and benefits for the year ended December 31, 2022, is due to the commencement of operations at the purification demonstration plant and increased headcount to support the Company's growth phase in its Battery material segment combined with the Canada Emergency Wage Subsidy grants obtained in the first half of 2021 (none in 2022).

b) The increase of $4,759 in engineering expenses for the year ended December 31, 2022, is mainly due to the work related to the NI 43-101 Feasibility Study, which was completed and published in Q3-2022.

c) The increase of $912 in maintenance and subcontracting for the year ended December 31, 2022, is due to maintenance costs of the purification demonstration plant that began its operations in January 2022.

d) The increase of $3,851 in depreciation for the year ended December 31, 2022, is due to the purification demonstration plant and the laboratory that were placed in service in January 2022.

GENERAL AND ADMINISTRATIVE EXPENSES

Description	December 31, 2022 $	December 31, 2021 $	Variation $
Wages and benefits (a)	7,083	4,883	2,200
Share-based compensation (b)	7,274	6,224	1,050
Professional fees (c)	1,435	2,635	(1,200)
Consulting fees (d)	2,618	1,476	1,142
Travelling, representation and convention	668	627	41
Office and administration (e)	8,862	6,747	2,115
Stock exchange, authorities, and communication	462	872	(410)
Depreciation and amortization	246	699	(453)
Loss (gain) on asset disposal	-	5	(5)
Other financial fees	26	35	(9)
General and administrative expenses	**28,674**	**24,203**	**4,471**

a) The increase in wages and benefits of $2,200 for the year ended December 31, 2022, is mostly due to the increase in headcount to support the Company's growth phase.

b) The increase in share-based compensation expenses of $1,050 for the year ended December 31, 2022, is mostly due to more options being granted to employees and consultants.

c) The decrease in professional fees of $1,200 for the year ended December 31, 2022, is mostly due to an increase in legal consultation fees in 2021 in preparation of the NYSE listing on May 24, 2021.

d) The increase in consulting fees of $1,142 for the year ended December 31, 2022, is mostly due to an increase in project financing fees following the appointment of Société Générale to oversee the due diligence process.

e) The increase in office and administration of $2,115 for the year ended December 31, 2022, is due to higher D&O insurance fees following the NYSE listing in Q2 2021. The fees relating to insurance were higher in 2022 versus 2021 only because these fees were expensed for 7 months in 2021 versus a full year (12 months) in 2022. This is partially offset by non-recurring fees of $1.2M in connection with the settlement of a litigation in September 2021, related to the buyback of a 1.8% net smelter return.

NET FINANCIAL COSTS

The decrease of $8.9M in financial costs for year ended December 31, 2022, is mainly due to the gain of $11.2M related to the fair value adjustment of the embedded derivatives, partially offset by the accrued interests on the convertible notes 2022 closed in Q4-2022, and higher interest income on the short-term cash investment activities. This is partially offset by an unrealized foreign currency exchange loss compared to a gain in 2021 and by the decline in Mason Graphite's share market value of $1.7M.

LIQUIDITY AND FUNDING

As at December 31, 2022, the difference between the Company's current assets and current liabilities was $57,819, including $59,924 in cash and cash equivalents.

Liquidity risk is the risk that the Company encounters difficulty in meeting obligations associated with financial liabilities that are settled by delivering cash or another financial asset.

Management believes that without additional funding, the Company does not have sufficient liquidity to pursue its planned expenditures over the next twelve months. These circumstances indicate the existence of material uncertainties that cast substantial doubt upon the Company's ability to continue as a going concern.

The Company manages its liquidity risk by using budgets that enable it to determine the amounts required to fund its exploration, evaluation, and development expenditure programs. The Company's liquidity and operating results may be adversely affected if the Company's access to the capital markets or other alternative forms of financing is hindered, whether as a result of a downturn in stock market conditions generally or related to matters specific to the Company. The Company has historically generated cash flow primarily from its financing activities.

As at December 31, 2022, all of the Company's short-term liabilities totalling $16,105 ($15,730 as at December 31, 2021) have contractual maturities of less than one year and are subject to normal trade terms. The Company regularly evaluates its cash position to ensure preservation and security of capital as well as maintenance of liquidity.

			As at December 31, 2022		
	Carrying amount	Contractual cash flow	0 to 12 months	12 to 24 months	More than 24 months
Account payables and accrued liabilities	15,429	15,429	15,429	-	-
Lease liabilities	2,817	3,423	560	647	2,216
Borrowings	1,988	2,330	352	577	1,401
Convertible Notes – Host(i)	49,817	67,723	-	-	67,723
Convertible Notes – Embedded Derivatives(i)	6,727	-	-	-	-

(i) The Convertible Notes are translated at the spot rates as of December 31, 2022

For the year ended December 31, 2022, the Company had an average monthly cash expenditure rate of approximately $6,073 per month, including additions to property, plant and equipment, deposits to suppliers and all operating expenses. This expenditure rate can be adjusted to preserve liquidity. The Company anticipates it will continue to have negative cash flows from operating activities in future periods at least until commercial production is achieved. Significant additional financing will be needed to bring the Matawinie Mine and the Bécancour Battery Material Plant to commercial production.

Cash flows provided by (used in)	December 31, 2022 $	December 31, 2021 $
Operating activities before the net change in working capital items	(41,813)	(31,078)
Net change in working capital items	(3,068)	(3,247)
Operating activities	(44,881)	(34,325)
Investing activities	(27,998)	(34,578)
Financing activities	70,293	125,731
Effect of exchange rate changes on cash	155	1,007
Decrease in cash and cash equivalents	**(2,431)**	**57,835**

OPERATING ACTIVITIES

For the year ended December 31, 2022, cash outflows from operating activities totalled $44.9M, while there was $34.3M of cash outflows for the same period in 2021. The cash outflows were higher due to a greater net loss as described in the above sections.

INVESTING ACTIVITIES

For the year ended December 31, 2022, cash used in investing activities totalled $28.0M whereas for the same period in 2021 investing activities were of $34.6M. The decrease of $6.6M is due to higher capitalizable expenses in 2021 which

were mainly related to the construction of the purification demonstration plant and the laboratory which were both commissioned in January 2022.

FINANCING ACTIVITIES

For the year ended December 31, 2022, the Company had net cash receipts related to financing activities of $70.3M whereas for the same period in 2021, cash receipts related to financing activities were of $125.7M. The variance is mostly due to the bought deal and private placement offerings completed in Q1-2021 of $23M, the public offering following the NYSE listing of $72.9M completed in Q2-2021, and the subsequent private placement completed in Q3-2021 of $18.3M. The variance is partially offset by the closing of convertible notes for aggregate gross proceeds of $67.2M (US$50M) in Q4-2022.

On January 21, 2022, the Company filed a prospectus supplement establishing a new at-the-market equity offering ("ATM Offering"). The ATM Offering allows the Company to offer for sale and issue up to US$75M (or the equivalent in Canadian dollars) of common shares of the Company from time to time, at the Company's discretion.

All tabular amounts are in thousands of dollars, unless otherwise noted.

	For the three-month periods ended				For the year ended
	March 31, 2022	June 30, 2022	September 30, 2022	December 31, 2022	December 31, 2022
Number of common shares issued	19,901	482,181	-	-	502,082
Average price per share	9.62	7.87	-	-	7.94
Gross proceeds	192	3,795	-	-	3,987
Commissions	5	95	-	-	100
Net Proceeds	**187**	**3,700**	**-**	**-**	**3,887**

ADDITIONAL INFORMATION

RELATED PARTY TRANSACTIONS

	December 31, 2022 $	December 31, 2021 $
Key management personnel of the Company		
Employee benefit expenses	2,641	1,158
Share-based payments	2,475	3,435
Directors of the Company		
Board fees	829	643
Share-based payments	1,247	2,333

In November 2022, the Company closed a private placement of unsecured convertible notes for aggregate gross proceeds of US$50M with Mitsui, Pallinghurst and Investissement Québec. Of the US$50M, Pallinghurst and Investissement Québec each subscribed for US$12,5M. More details on the transaction are provided in note 15 of the audited consolidated financial statements.

As at December 31, 2022, Pallinghurst owns 20.66% of the Company's issued and outstanding common shares and has significant influence over the Company (2021– 20.94%).

As at December 31, 2022, the Company capitalized the accrued interests owed to Investissement Québec, Pallinghurst and Mitsui. An aggregate amount of $829 (US$612) will be capitalized and 160,976 common shares at a price of US$3.80 will be issued to Holders at the maturity or conversion of the Notes in payment of accrued interest due on December 31, 2022.

OFF-BALANCE SHEET TRANSACTIONS

There are no off-balance sheet transactions.

CRITICAL ACCOUNTING ESTIMATES, NEW ACCOUNTING POLICIES, JUDGEMENTS AND ASSUMPTIONS

The preparation of annual financial statements in conformity with IFRS requires management to apply accounting policies and make estimates and assumptions that affect amounts reported in the consolidated financial statements and accompanying notes. There is full disclosure of the Company's critical accounting policies and accounting estimates in notes 3, 4, and 5 of the audited consolidated financial statements for the year ended December 31, 2022.

CHANGE IN ACCOUNTING POLICY

There is no change in accounting policy for the year ended December 31, 2022.

FINANCIAL INSTRUMENTS AND RISK MANAGEMENT

Refer to note 26 in the audited consolidated financial statements.

CONTRACTUAL OBLIGATIONS AND COMMITMENTS

Refer to note 28 in the audited consolidated financial statements.

CAPITAL STRUCTURE

	As at March 23, 2023
Common shares	55,873,898
Options	3,877,048
Warrants	10,000,000
Convertible Notes	10,000,000
Other reserves - settlement of interests on Convertible Notes	160,976
Total common shares fully diluted	**79,911,922**

SUBSEQUENT EVENTS TO DECEMBER 31, 2022

There are no subsequent events.

ADDITIONAL INFORMATION AND CONTINUOUS DISCLOSURE

The Company is required to comply with National Instrument 52-109, *Certification of Disclosure in Issuers' Annual and Interim Filings*. The certification of annual filings requires us to disclose in the MD&A any changes in our internal controls over financial reporting that have materially affected or are reasonably likely to materially affect our internal control over financial reporting. We confirm that no such changes were made to the internal controls over financial reporting during the year ended December 31, 2022. The Chief Executive Officer and Chief Financial Officer have signed form 52-109F1, *Certification of Annual Filings*, which can be found on SEDAR at www.sedar.com and on EDGAR at www.sec.gov.

Additional information on the Company is available through regular filings of press releases, financial statements, and the most recent annual information form on SEDAR (www.sedar.com) and on EDGAR (www.sec.gov.). These documents and other information about NMG may also be found on our website at www.nmg.com

March 23, 2023

(signed) Eric Desaulniers	(signed) Charles-Olivier Tarte
Eric Desaulniers, MSc, géo.	Charles-Olivier Tarte, CPA
President and Chief Executive Officer	Chief Financial Officer

Exhibit 99.4

Consent of Independent Registered Public Accounting Firm

We hereby consent to the incorporation by reference in this Annual Report on Form 40-F for the year ended December 31, 2022 of Nouveau Monde Graphite Inc. of our report dated March 23, 2023, relating to the consolidated financial statements, which appears in Exhibit 99.2 incorporated by reference in this Annual Report.

We also consent to the incorporation by reference in the Registration Statement on Form F-10 (File No. 333-256340) of Nouveau Monde Graphite Inc. of our report dated March 23, 2023 referred to above.

We also consent to the reference to us under the heading “Interests of Experts” which appears in the Annual Information Form included in Exhibit 99.1 incorporated by reference in this Annual Report on Form 40-F, which is incorporated by reference in such Registration Statement.

/s/ PricewaterhouseCoopers LLP

Montréal, Canada
March 23, 2023

PricewaterhouseCoopers LLP
1250 René-Lévesque Boulevard West, Suite 2500, Montréal, Quebec, Canada H3B 4Y1
T: +1 514 205 5000, F: +1 514 876 1502

“PwC” refers to PricewaterhouseCoopers LLP, an Ontario limited liability partnership.

Exhibit 99.5

CERTIFICATION

I, Eric Desaulniers, certify that:

1. I have reviewed this annual report on Form 40-F of Nouveau Monde Graphite Inc.;

2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;

3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the issuer as of, and for, the periods presented in this report;

4. The issuer's other certifying officer(s) and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the issuer and have:

a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the issuer, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;

b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;

c) Evaluated the effectiveness of the issuer's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and

d) Disclosed in this report any change in the issuer's internal control over financial reporting that occurred during the period covered by the annual report that has materially affected, or is reasonably likely to materially affect, the issuer's internal control over financial reporting; and

5. The issuer's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the issuer's auditor and the audit committee of the issuer's board of directors (or persons performing the equivalent functions):

a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the issuer's ability to record, process, summarize and report financial information; and

b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the issuer's internal control over financial reporting.

Date: March 24, 2023

By: /s/ Eric Desaulniers
Eric Desaulniers
President and Chief Executive Officer
(Principal Executive Officer)

Exhibit 99.6

CERTIFICATION

I, Charles-Olivier Tarte, certify that:

1. I have reviewed this annual report on Form 40-F of Nouveau Monde Graphite Inc.;

2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;

3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the issuer as of, and for, the periods presented in this report;

4. The issuer's other certifying officer(s) and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the issuer and have:

a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the issuer, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;

b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;

c) Evaluated the effectiveness of the issuer's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and

d) Disclosed in this report any change in the issuer's internal control over financial reporting that occurred during the period covered by the annual report that has materially affected, or is reasonably likely to materially affect, the issuer's internal control over financial reporting; and

5. The issuer's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the issuer's auditor and the audit committee of the issuer's board of directors (or persons performing the equivalent functions):

a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the issuer's ability to record, process, summarize and report financial information; and

b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the issuer's internal control over financial reporting.

Date: March 24, 2023

By: /s/ Charles-Olivier Tarte
Charles-Olivier Tarte
Chief Financial Officer
(Principal Financial and Accounting Officer)

Exhibit 99.7

CERTIFICATION PURSUANT TO
18 U.S.C. SECTION 1350
AS ENACTED PURSUANT TO
SECTION 906 OF THE SARBANES-OXLEY ACT OF 2002

In connection with the annual report of Nouveau Monde Graphite Inc. (the "Company") on Form 40-F for the year ended December 31, 2022 (the "Report") as filed with the U.S. Securities and Exchange Commission,

I, Eric Desaulniers, CEO of Nouveau Monde Graphite Inc., certify, pursuant to 18 U.S.C. Section 1350, as enacted pursuant to Section 906 of the U.S. Sarbanes-Oxley Act of 2002, that to my knowledge:

(i) the Report fully complies with the requirements of Section 13(a) or 15(d) of the U.S. Securities Exchange Act of 1934; and

(ii) the information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company.

Date: March 24, 2023

/s/ Eric Desaulniers
Eric Desaulniers, CEO

Exhibit 99.8

CERTIFICATION PURSUANT TO
18 U.S.C. SECTION 1350
AS ENACTED PURSUANT TO
SECTION 906 OF THE SARBANES-OXLEY ACT OF 2002

In connection with the annual report of Nouveau Monde Graphite Inc. (the "Company") on Form 40-F for the year ended December 31, 2022 (the "Report") as filed with the U.S. Securities and Exchange Commission,

I, Charles-Olivier Tarte, CFO of Nouveau Monde Graphite Inc., certify, pursuant to 18 U.S.C. Section 1350, as enacted pursuant to Section 906 of the U.S. Sarbanes-Oxley Act of 2002, that to my knowledge:

(i) the Report fully complies with the requirements of Section 13(a) or 15(d) of the U.S. Securities Exchange Act of 1934; and

(ii) the information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company.

Date: March 24, 2023

/s/ Charles-Olivier Tarte
Charles-Olivier Tarte, CFO

Exhibit 99.9

CONSENT OF BERNARD-OLIVIER MARTEL

March 24, 2023

VIA EDGAR

United States Securities and Exchange Commission

Re: Nouveau Monde Graphite Inc. (the "Company")
Annual Report on Form 40-F of the Company for the year ended December 31, 2022 (the "Form 40-F)

I, Bernard-Olivier Martel, hereby consent to the use of my name in connection with reference to my involvement in the preparation of the following technical report (the "**Technical Report**"):

- Technical Report titled "*NI 43-101 Technical Feasibility Study Report for the Matawinie Mine and the Bécancour Battery Material Plant Projects"* with an effective date as of July 6, 2022 and an issue date as of August 10, 2022

and to references to the Technical Report, or portions thereof, in the Form 40-F and the exhibits filed with the Form 40-F, which is being filed pursuant to the Securities Exchange Act of 1934, as amended, and to the inclusion or incorporation by reference of the information derived from the Technical Report related to me in the Form 40-F. This consent extends to any amendments to the Form 40-F.

I also hereby consent to the use of my name in connection with reference to my involvement in the preparation of the Technical Report, to references to the Technical Report, or portions thereof, and to the inclusion or incorporation by reference of the information derived from the Technical Report related to me in the registration statement (No. 333-256340) on Form F-10. This consent extends to any amendments to the Form F-10, including post-effective amendments.

/s/ Bernard-Olivier Martel
Bernard-Olivier Martel

Exhibit 99.10

CONSENT OF YANN CAMUS

March 24, 2023

VIA EDGAR

United States Securities and Exchange Commission

Re: Nouveau Monde Graphite Inc. (the "Company")
Annual Report on Form 40-F of the Company for the year ended December 31, 2022 (the "Form 40-F)

I, Yann Camus, hereby consent to the use of my name in connection with reference to my involvement in the preparation of the following technical report (the "**Technical Report**"):

- Technical Report titled "*NI 43-101 Technical Feasibility Study Report for the Matawinie Mine and the Bécancour Battery Material Plant Projects"* with an effective date as of July 6, 2022 and an issue date as of August 10, 2022

and to references to the Technical Report, or portions thereof, in the Form 40-F and the exhibits filed with the Form 40-F, which is being filed pursuant to the Securities Exchange Act of 1934, as amended, and to the inclusion or incorporation by reference of the information derived from the Technical Report related to me in the Form 40-F. This consent extends to any amendments to the Form 40-F.

I also hereby consent to the use of my name in connection with reference to my involvement in the preparation of the Technical Report, to references to the Technical Report, or portions thereof, and to the inclusion or incorporation by reference of the information derived from the Technical Report related to me in the registration statement (No. 333-256340) on Form F-10. This consent extends to any amendments to the Form F-10, including post-effective amendments.

/s/ Yann Camus
Yann Camus

Exhibit 99.11

CONSENT OF SIMON FORTIER

March 24, 2023

VIA EDGAR

United States Securities and Exchange Commission

Re: Nouveau Monde Graphite Inc. (the "Company")
Annual Report on Form 40-F of the Company for the year ended December 31, 2022 (the "Form 40-F)

I, Simon Fortier, hereby consent to the use of my name in connection with reference to my involvement in the preparation of the following technical report (the "**Technical Report**"):

- Technical Report titled "*NI 43-101 Technical Feasibility Study Report for the Matawinie Mine and the Bécancour Battery Material Plant Projects"* with an effective date as of July 6, 2022 and an issue date as of August 10, 2022

and to references to the Technical Report, or portions thereof, in the Form 40-F and the exhibits filed with the Form 40-F, which is being filed pursuant to the Securities Exchange Act of 1934, as amended, and to the inclusion or incorporation by reference of the information derived from the Technical Report related to me in the Form 40-F. This consent extends to any amendments to the Form 40-F.

I also hereby consent to the use of my name in connection with reference to my involvement in the preparation of the Technical Report, to references to the Technical Report, or portions thereof, and to the inclusion or incorporation by reference of the information derived from the Technical Report related to me in the registration statement (No. 333-256340) on Form F-10. This consent extends to any amendments to the Form F-10, including post-effective amendments.

/s/ Simon Fortier
Simon Fortier

Exhibit 99.12

CONSENT OF ANDRÉ ALLAIRE

March 24, 2023

VIA EDGAR

United States Securities and Exchange Commission

Re: Nouveau Monde Graphite Inc. (the "Company")
Annual Report on Form 40-F of the Company for the year ended December 31, 2022 (the "Form 40-F)

I, André Allaire, hereby consent to the use of my name in connection with reference to my involvement in the preparation of the following technical reports (the "**Technical Reports**"):

- Technical Report titled "*NI 43-101 Technical Feasibility Study Report for the Matawinie Mine and the Bécancour Battery Material Plant Projects"* with an effective date as of July 6, 2022 and an issue date as of August 10, 2022; and

- Technical Report titled "*Preliminary Economic Assessment Report for the Uatnan Mining Project", Côte-Nord Administrative Region, Québec, Canada*" dated February 24, 2023 with an effective date of January 10, 2023

and to references to the Technical Reports, or portions thereof, in the Form 40-F and the exhibits filed with the Form 40-F, which is being filed pursuant to the Securities Exchange Act of 1934, as amended, and to the inclusion or incorporation by reference of the information derived from the Technical Reports related to me in the Form 40-F. This consent extends to any amendments to the Form 40-F.

I also hereby consent to the use of my name in connection with reference to my involvement in the preparation of the Technical Reports, to references to the Technical Reports, or portions thereof, and to the inclusion or incorporation by reference of the information derived from the Technical Reports related to me in the registration statement (No. 333-256340) on Form F-10. This consent extends to any amendments to the Form F-10, including post-effective amendments.

/s/ André Allaire
André Allaire

Exhibit 99.13

CONSENT OF JEFFREY CASSOFF

March 24, 2023

VIA EDGAR

United States Securities and Exchange Commission

Re: Nouveau Monde Graphite Inc. (the "Company")
Annual Report on Form 40-F of the Company for the year ended December 31, 2022 (the "Form 40-F)

I, Jeffrey Cassoff, hereby consent to the use of my name in connection with reference to my involvement in the preparation and review of the following scientific and technical information (the "**Technical Information**"):

- Technical Report titled "*NI 43-101 Technical Feasibility Study Report for the Matawinie Mine and the Bécancour Battery Material Plant Projects"* with an effective date as of July 6, 2022 and an issue date as of August 10, 2022;
- Technical Report titled "*Preliminary Economic Assessment Report for the Uatnan Mining Project", Côte-Nord Administrative Region, Québec, Canada*" dated February 24, 2023 with an effective date of January 10, 2023; and
- the Mineral Reserve Estimate for the Matawinie Mineral Reserves for the West Zone in the Company's Management's Discussion and Analysis for the year ended December 31, 2022

and to references to the Technical Information, or portions thereof, in the Form 40-F and the exhibits filed with the Form 40-F, which is being filed pursuant to the Securities Exchange Act of 1934, as amended, and to the inclusion or incorporation by reference of the information derived from the Technical Information related to me in the Form 40-F. This consent extends to any amendments to the Form 40-F.

I also hereby consent to the use of my name in connection with reference to my involvement in the preparation of the Technical Information, to references to the Technical Information, or portions thereof, and to the inclusion or incorporation by reference of the information derived from the Technical Information related to me in the registration statement (No. 333-256340) on Form F-10. This consent extends to any amendments to the Form F-10, including post-effective amendments.

/s/ Jeffrey Cassoff
Jeffrey Cassoff

Exhibit 99.14

CONSENT OF VERA GELLA

March 24, 2023

VIA EDGAR

United States Securities and Exchange Commission

Re: Nouveau Monde Graphite Inc. (the "Company")
Annual Report on Form 40-F of the Company for the year ended December 31, 2022 (the "Form 40-F)

I, Vera Gella, hereby consent to the use of my name in connection with reference to my involvement in the preparation of the following technical report (the "**Technical Report**"):

- Technical Report titled "*Preliminary Economic Assessment Report for the Uatnan Mining Project", Côte-Nord Administrative Region, Québec, Canada*" dated February 24, 2023 with an effective date of January 10, 2023

and to references to the Technical Report, or portions thereof, in the Form 40-F and the exhibits filed with the Form 40-F, which is being filed pursuant to the Securities Exchange Act of 1934, as amended, and to the inclusion or incorporation by reference of the information derived from the Technical Report related to me in the Form 40-F. This consent extends to any amendments to the Form 40-F.

I also hereby consent to the use of my name in connection with reference to my involvement in the preparation of the Technical Report, to references to the Technical Report, or portions thereof, and to the inclusion or incorporation by reference of the information derived from the Technical Report related to me in the registration statement (No. 333-256340) on Form F-10. This consent extends to any amendments to the Form F-10, including post-effective amendments.

/s/ Vera Gella
Vera Gella

Exhibit 99.15

CONSENT OF MEROUANE RACHIDI

March 24, 2023

VIA EDGAR

United States Securities and Exchange Commission

Re: Nouveau Monde Graphite Inc. (the "Company")
Annual Report on Form 40-F of the Company for the year ended December 31, 2022 (the "Form 40-F)

I, Merouane Rachidi, hereby consent to the use of my name in connection with reference to my involvement in the preparation and review of the following scientific and technical information (the "**Technical Information**"):

- Technical Report titled "*Preliminary Economic Assessment Report for the Uatnan Mining Project", Côte-Nord Administrative Region, Québec, Canada*" dated February 24, 2023 with an effective date of January 10, 2023; and
- the Mineral Resources for the Utatnan Current Pit-Constrained Mineral Resource Estimate in the Company's Management's Discussion and Analysis for the year ended December 31, 2022

and to references to the Technical Information, or portions thereof, in the Form 40-F and the exhibits filed with the Form 40-F, which is being filed pursuant to the Securities Exchange Act of 1934, as amended, and to the inclusion or incorporation by reference of the information derived from the Technical Information related to me in the Form 40-F. This consent extends to any amendments to the Form 40-F.

I also hereby consent to the use of my name in connection with reference to my involvement in the preparation of the Technical Information, to references to the Technical Information, or portions thereof, and to the inclusion or incorporation by reference of the information derived from the Technical Information related to me in the registration statement (No. 333-256340) on Form F-10. This consent extends to any amendments to the Form F-10, including post-effective amendments.

/s/ Merouane Rachidi
Merouane Rachidi

Exhibit 99.16

CONSENT OF CLAUDE DUPLESSIS

March 24, 2023

VIA EDGAR

United States Securities and Exchange Commission

Re: Nouveau Monde Graphite Inc. (the "Company")
Annual Report on Form 40-F of the Company for the year ended December 31, 2022 (the "Form 40-F)

I, Claude Duplessis, hereby consent to the use of my name in connection with reference to my involvement in the preparation and review of the following scientific and technical information (the "**Technical Information**"):

- Technical Report titled "*Preliminary Economic Assessment Report for the Uatnan Mining Project", Côte-Nord Administrative Region, Québec, Canada*" dated February 24, 2023 with an effective date of January 10, 2023; and
- the Mineral Resources for the Utatnan Current Pit-Constrained Mineral Resource Estimate in the Company's Management's Discussion and Analysis for the year ended December 31, 2022

and to references to the Technical Information, or portions thereof, in the Form 40-F and the exhibits filed with the Form 40-F, which is being filed pursuant to the Securities Exchange Act of 1934, as amended, and to the inclusion or incorporation by reference of the information derived from the Technical Information related to me in the Form 40-F. This consent extends to any amendments to the Form 40-F.

I also hereby consent to the use of my name in connection with reference to my involvement in the preparation of the Technical Information, to references to the Technical Information, or portions thereof, and to the inclusion or incorporation by reference of the information derived from the Technical Information related to me in the registration statement (No. 333-256340) on Form F-10. This consent extends to any amendments to the Form F-10, including post-effective amendments.

/s/ Claude Duplessis
Claude Duplessis

Exhibit 99.17

CONSENT OF ERIC DESAULNIERS

March 24, 2023

VIA EDGAR

United States Securities and Exchange Commission

Re: Nouveau Monde Graphite Inc. (the "Company")
Annual Report on Form 40-F of the Company for the year ended December 31, 2022 (the "Form 40-F")

I, Eric Desaulniers, hereby consent to the use of my name in connection with reference to my involvement in the preparation and review of the scientific or technical information contained in (i) the Management's Discussion and Analysis for the year ended December 31, 2022 (the "MD&A") being filed by Company with the United States Securities and Exchange Commission as part of the Company's Form 40-F, including any amendment thereto and (ii) the registration statement (No. 333-256340) on Form F-10 incorporating by reference the Company's MD&A. This consent extends to any amendments to the Form F-10, including post-effective amendments.

/s/ Eric Desaulniers
Eric Desaulniers

Exhibit 99.18

CONSENT OF ANTOINE CLOUTIER

March 24, 2023

VIA EDGAR

United States Securities and Exchange Commission

Re: Nouveau Monde Graphite Inc. (the "Company")
Annual Report on Form 40-F of the Company for the year ended December 31, 2022 (the "Form 40-F")

I, Antoine Cloutier, hereby consent to the use of my name in connection with reference to my involvement in the preparation and review of the scientific or technical information contained in (i) the Management's Discussion and Analysis for the year ended December 31, 2022 (the "MD&A") being filed by Company with the United States Securities and Exchange Commission as part of the Company's Form 40-F, including any amendment thereto and (ii) the registration statement (No. 333-256340) on Form F-10 incorporating by reference the Company's MD&A. This consent extends to any amendments to the Form F-10, including post-effective amendments.

/s/ Antoine Cloutier
Antoine Cloutier

Exhibit 99.19

CONSENT OF BBA INC.

March 24, 2023

VIA EDGAR

United States Securities and Exchange Commission

Re: Nouveau Monde Graphite Inc. (the "Company")
Annual Report on Form 40-F of the Company for the year ended December 31, 2022 (the "Form 40-F)

BBA Inc. hereby consents to the use of its name in connection with reference to its involvement in the preparation and review of the following scientific and technical information (the "**Technical Information**"):

- Technical Report titled "*NI 43-101 Technical Feasibility Study Report for the Matawinie Mine and the Bécancour Battery Material Plant Projects"* with an effective date as of July 6, 2022 and an issue date as of August 10, 2022;
- Technical Report titled "*Preliminary Economic Assessment Report for the Uatnan Mining Project", Côte-Nord Administrative Region, Québec, Canada*" dated February 24, 2023 with an effective date of January 10, 2023; and
- the Mineral Reserve Estimate for the Matawinie Mineral Reserves for the West Zone in the Company's Management's Discussion and Analysis for the year ended December 31, 2022

and to references to the Technical Information, or portions thereof, in the Form 40-F and the exhibits filed with the Form 40-F, which is being filed pursuant to the Securities Exchange Act of 1934, as amended, and to the inclusion or incorporation by reference of the information derived from the Technical Information related to the undersigned in the Form 40-F. This consent extends to any amendments to the Form 40-F.

The undersigned also hereby consents to the use of its name in connection with reference to its involvement in the preparation of the Technical Information, to references to the Technical Information, or portions thereof, and to the inclusion or incorporation by reference of the information derived from the Technical Information related to the undersigned in the registration statement (No. 333-256340) on Form F-10. This consent extends to any amendments to the Form F-10, including post-effective amendments.

BBA Inc.

/s/ André Allaire
Name: André Allaire
Title: Senior Process Engineer, Director

Exhibit 99.20

CONSENT OF SGS GEOLOGICAL SERVICES INC.

March 24, 2023

VIA EDGAR

United States Securities and Exchange Commission

Re: Nouveau Monde Graphite Inc. (the "Company")
Annual Report on Form 40-F of the Company for the year ended December 31, 2022 (the "Form 40-F)

SGS Geological Services Inc. hereby consents to the use of its name in connection with reference to its involvement in the preparation of the following technical report (the "**Technical Report**"):

- Technical Report titled "*NI 43-101 Technical Feasibility Study Report for the Matawinie Mine and the Bécancour Battery Material Plant Projects"* with an effective date as of July 6, 2022 and an issue date as of August 10, 2022

and to references to the Technical Report, or portions thereof, in the Form 40-F and the exhibits filed with the Form 40-F, which is being filed pursuant to the Securities Exchange Act of 1934, as amended, and to the inclusion or incorporation by reference of the information derived from the Technical Report related to the undersigned in the Form 40-F. This consent extends to any amendments to the Form 40-F.

The undersigned also hereby consents to the use of its name in connection with reference to its involvement in the preparation of the Technical Report, to references to the Technical Report, or portions thereof, and to the inclusion or incorporation by reference of the information derived from the Technical Report related to the undersigned in the registration statement (No. 333-256340) on Form F-10. This consent extends to any amendments to the Form F-10, including post-effective amendments.

SGS Geological Services Inc.

/s/ Yann Camus
Name: Yann Camus
Title: P. Eng.

Exhibit 99.21

CONSENT OF GOLDMINDS GEOSERVICES INC.

March 24, 2023

VIA EDGAR

United States Securities and Exchange Commission

Re: Nouveau Monde Graphite Inc. (the "Company")
Annual Report on Form 40-F of the Company for the year ended December 31, 2022 (the "Form 40-F)

GoldMinds Geoservices Inc. hereby consents to the use of its name in connection with reference to its involvement in the preparation and review of the following scientific and technical information (the "**Technical Information**"):

- Technical Report titled "*Preliminary Economic Assessment Report for the Uatnan Mining Project", Côte-Nord Administrative Region, Québec, Canada*" dated February 24, 2023 with an effective date of January 10, 2023; and

- the Mineral Resources for the Utatnan Current Pit-Constrained Mineral Resource Estimate in the Company's Management's Discussion and Analysis for the year ended December 31, 2022

and to references to the Technical Information, or portions thereof, in the Form 40-F and the exhibits filed with the Form 40-F, which is being filed pursuant to the Securities Exchange Act of 1934, as amended, and to the inclusion or incorporation by reference of the information derived from the Technical Information related to the undersigned in the Form 40-F. This consent extends to any amendments to the Form 40-F.

The undersigned hereby consents to the use of its name in connection with reference to its involvement in the preparation of the Technical Information, to references to the Technical Information, or portions thereof, and to the inclusion or incorporation by reference of the information derived from the Technical Information related to the undersigned in the registration statement (No. 333-256340) on Form F-10. This consent extends to any amendments to the Form F-10, including post-effective amendments.

GoldMinds Geoservices Inc.

/s/ Claude Duplessis
Name: Claude Duplessis
Title: President