



MASON GRAPHITE INC.

**Interim management's discussion and analysis – Quarterly highlights
For the three-month periods ended September 30, 2019 and 2018**

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(Expressed in Canadian dollars)

The following interim management's discussion and analysis – quarterly highlights ("MD&A") relates to the condensed interim unaudited financial statements of Mason Graphite Inc. ("we", "our", "us", "Mason Graphite", "Mason", "LLG" or the "Company") for the three-month periods ended September 30, 2019 and 2018 ("Financial statements"). This MD&A reports on our activities through November 25, 2019 unless otherwise indicated. The Company's financial statements have been prepared in accordance with International Financial Reporting Standards ("IFRS") as issued by the International Accounting Standards Board ("IASB"). The Company has consistently applied the accounting policies used in the preparation of its IFRS financial statements, including the comparative figures.

Qualified persons consent

Jean L'Heureux, Eng., M. Eng., Executive Vice-President, Process Development for Mason Graphite, is a Qualified Person, as defined by NI 43-101, for Mason Graphite. He was responsible for verifying the scientific and technical data herein and has read and approved this MD&A.

All amounts included in the MD&A are in Canadian dollars, unless otherwise specified. Additional information, including our press releases, has been filed electronically through the System for Electronic Document Analysis and Retrieval ("SEDAR") and is available online under our profile at www.sedar.com.

CAUTIONARY STATEMENT REGARDING FORWARD-LOOKING INFORMATION

This MD&A contains "forward-looking information" which may include, but is not limited to, statements with respect to targeted milestones to achieve development of the Lac Guéret Project, successfully obtaining project financing, the future financial or operating performance of the Company and its projects, the future price of and supply and demand for graphite, the estimation of mineral reserves and resources, the realization of mineral reserves and resources estimates, the timing and amount of estimated future production, costs of production, capital, operating and exploration expenditures, costs and timing of the development of new and existing deposits, costs and timing of future exploration, requirements for additional capital, management's belief that the Company will have sufficient funds to meet its obligations and planned expenditures for the ensuing twelve months, government regulation of mining operations, environmental risks, reclamation expenses, the success of mining operations, permitting, economic return estimates and potential upside. Often, but not always, forward-looking statements can be recognized by the use of words such as "plans", "expects", "is expected", "budget", "scheduled", "estimates", "forecasts", "intends", "anticipates", or "does not anticipate" or "believes" or variations (including negative variations) of such words and phrases, or state that certain actions, events or results "may", "could", "would", "might" or "will" be taken, occur or be achieved. Readers should not place undue reliance on forward-looking statements.

Forward-looking statements involve known and unknown risks, uncertainties and other factors which may cause the actual results, performance or achievements of the Company to be materially different from any future results, performance or achievements expressed or implied by the forward-looking statements. Even with the completion of the Preliminary Economic Assessment and a positive feasibility study, there are no assurances that the Lac Guéret Project will be placed into production. Factors that could affect the outcome include, among others: the actual results of development activities; project delays; inability to raise the funds necessary to achieve the milestones or complete development; general business, economic, competitive, political and social uncertainties; future prices of metals; availability of alternative graphite sources or substitutions; actual graphite recovery; conclusions of economic evaluations; changes in project parameters as plans continue to be refined; the future cost of capital to the Company; possible variations of ore grade or recovery rates; failure of plant, equipment or processes to operate as anticipated; accidents, labor disputes and other risks of the mining industry; political instability, terrorism, insurrection or war; delays in obtaining governmental approvals, necessary permitting or in the

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completion of development or construction activities, as well as those factors discussed in the section entitled "*Risk and uncertainties*".

Such forward-looking statements are also based on a number of material factors and assumptions, including: the availability of financing at rates and on terms and conditions otherwise acceptable to the Company; future graphite prices; permitting and development consistent with the Company's expectations; foreign exchange rates; prices and availability of equipment; that contracted parties provide goods and/or services on the agreed timeframes; that the current tax credit receivable from the Quebec government is collected in a timely manner; that on-going contractual negotiations will be successful and progress and/or be completed in a timely manner; and that no unusual geological or technical problems occur. Although the Company has attempted to identify important factors that could cause actual actions, events or results to differ materially from those described in forward-looking statements, there may be other factors that cause actions, events or results to differ from those anticipated, estimated or intended. Forward-looking statements contained herein are made as of the date of this MD&A and the Company disclaims any obligation to update any forward-looking statements, whether as a result of new information, future events or results or otherwise, except as required by applicable securities laws. There can be no assurance that forward-looking statements will prove to be accurate, as actual results and future events could differ materially from those anticipated in such statements.

The Mineral Reserves and the "In-Pit" Mineral Resources are included in the total Measured and Indicated Mineral Resources of 65.5 Mt grading 17.2% Cg (19.0 Mt of Measured Resources grading 17.9% Cg and 46.5 Mt of Indicated Resources grading 16.9% Cg) that were reported in the Company's press release dated December 5th, 2018. The Mineral Reserves are the basis of the 25-year Mine Life of the Feasibility Study published on September 25th, 2015 (amended on February 29th, 2016 and updated on December 12th, 2018) and are not included in the "In-Pit" Measured and Indicated Mineral Resources of 58.0 Mt grading 16.3% Cg (which have an equivalent drilling definition). The reference point for the Mineral Reserves estimate is the mill feed. Mineral Resources, which are not Mineral Reserves, do not have demonstrated economic viability and were not included in the mine life or the economics of the Feasibility Study. Environmental, permitting, legal, title, taxation, sociopolitical, marketing, or other relevant issues may materially affect the estimate of Mineral Resources. In addition, there can be no assurance that Mineral Resources in a lower category may be converted to a higher category, or that Mineral Resources may be converted to Mineral Reserves.

1. DESCRIPTION OF BUSINESS AND OVERVIEW

Mason Graphite is engaged in the development of its 100% owned Lac Guéret graphite property located in Québec, Canada. Substantially all of the Company's efforts are devoted to financing and developing this property. The Company has a National Instrument 43-101 compliant technical report for its mineral reserve and resource estimate and for a feasibility study on the Lac Guéret property. As at June 30, 2017, management determined that the technical feasibility and commercial viability of the Lac Guéret project had been established and accordingly, the development phase for the Lac Guéret project has commenced.

A) LAC GUÉRET PROJECT

Mason Graphite has a 100% interest in the Lac Guéret graphite property located in the Côte-Nord region in northeastern Québec.

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B) ENGINEERING, PROCUREMENT, CONSTRUCTION AND MANAGEMENT AND MINE CONSTRUCTION

Mason Graphite has decided to utilize the "Owner's Built" construction model after thorough review of all options available. Following receipt of the Decree (608-2018) from the Québec government (the "Decree"), pursuant to which the Project is authorized, and following advancements made toward detailed engineering and procurement, Mason Graphite has focused on building its construction team.

Mason Graphite executives' greater than 60 years of aggregate graphite experience, combined with the newly acquired construction team, have positioned the Company to maintain control and ownership of the Project within the Company and best represent the identity of Mason Graphite since inception.

Engineering and Construction:

Montreal, QC based BBA Inc., as lead engineering firm, complemented by Soutex Inc. of Québec, QC (Process Engineering), Groupe TDA Construction Inc. of Baie-Comeau, QC (Forest Road and Mining Camp Engineering) and WSP of Quebec, QC (mine engineering) have mostly completed the engineering related to the following disciplines: mining, concentration process, civil works, concrete, structure and mechanical. Engineering for the following disciplines is also being advanced: piping, electrical, instrumentation and automation.

On December 12th, 2018, Mason Graphite issued a press release reporting that it had completed and filed the technical report NI 43-101. The preparation of the study have been supervised by Jean L'Heureux, Eng., M. Eng., Executive Vice President, Process Development.

Wood clearing at the Lac Guéret Mine Site was completed in mid-December 2018.

The six grinding Mills, which are major equipment at the Process Plant, were delivered in Baie-Comeau in February 2019. The two Press Filters have also been delivered in Baie-Comeau in May 2019. Three thickeners are currently under fabrication in Baie-Comeau.

The project in a few key figures:

- Engineering (all disciplines): 75% progress (63,000 hours completed);
- Procurement: Of a total of 63 packages, 8 are 100% issued, 32 are ready to be issued and 23 are in preparation;
- Contracts (supply and installation): Out of 47 contracts, 14 are ready to be issued and 33 are in preparation.

In April of 2019, Mason Graphite proceeded with the acquisition of the land in Baie-Comeau to install its future concentrator, which makes the Company a corporate citizen of Baie-Comeau.

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C) COATED SPHERICAL NATURAL GRAPHITE PROJECT

The work related to the coated spherical natural graphite grades ("CSNG") development, which covers the purification, the micronization, the classification, the spheronization and the coating processes, has been completed, with success, during the fall of 2018. The end results are CSNG grades that fully meet the performance required by Li-ion battery makers. CSNG grades were developed for, and specifically meet, the requirements for batteries aimed at electric vehicles and energy storage; grades were also developed for other applications such as power tools and cellular phones.

The CSNG grades were developed using Mason Graphite's own fine natural graphite concentrate (< 106 µm, produced through pilot production of the Lac Guéret ore) as feed material and meet the following industry's requirements:

- Tap density higher than 1 g/cm³;
- Purity above 99.95% carbon;
- Reversible capacity of 355 to 360 mAh/g (milliamperes-hour per gram, for which the theoretical maximum capacity is 372);
- Adequate particle size distribution from 10 to 30 µm;
- Appropriate form factor (shape, size and volume of the particles); and
- Specific surface area less than 3 m²/g.

Microphotographs of Mason Graphite's CSNG grades can be seen at:

<http://www.masongraphite.com/projects/photo-gallery/default.aspx>

Pilot plant, scaling and process reproducibility

Mason Graphite commissioned its brand-new pilot plant for micronization, spheronization and classification. This pilot plant, located in the Quebec City region, is used to produce spherical graphite samples in large quantities for potential customers with whom the Company is in discussion. This plant is significantly reducing sample delivery times and tailor product specifications to users' highly diverse specifications.

In addition, new batches of coated spherical graphite, meeting the very stringent requirements of Li-ion batteries for electric vehicles, have recently been produced. These new results demonstrate once again the efficiency and reproducibility of purification, micronization, spheronization, classification and coating processes developed to treat the Lac Guéret graphite.

Mason Graphite is currently conducting a technical and economic study on the future 2nd transformation plant. This study, which will be spread over several months, aims to industrialize processes, maximize the reuse of reagents and define effluent treatment needs.

Since the beginning of the project, the Company incurred the following expenditures:

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	<u>Value-added graphite products</u>		
	<u>Expenditures</u>	<u>Government assistance</u>	<u>Net</u>
For the year ended June 30, 2015	229,246	41,000	188,246
For the year ended June 30, 2016	30,552	9,000	21,552
For the year ended June 30, 2017	1,107,683	290,936	816,747
For the year ended June 30, 2018	1,068,132	334,366	733,766
For the year ended June 30, 2019	1,816,527	280,813	1,535,714
For the three-month period ended Sept. 30, 2019	207,669	58,173	149,496
	<u>4,459,809</u>	<u>1,014,288</u>	<u>3,445,521</u>

D) FIRST NATION RELATIONS

On June 16, 2017, the Company and the Innu Council of Pessamit signed the Mushalakan Agreement, an Impact Benefit Agreement ("IBA") resulting from the 2014 Cooperation Agreement between the parties.

The Mushalakan Agreement, negotiated directly between the Pessamit Council and the executives of Mason Graphite, reflects the willingness of the Parties to work closely together to ensure that the Lac Guéret graphite mining Project is a success and benefits the Pessamit Community and the population of Manicouagan.

Under the Mushalakan Agreement, both parties commit to develop a specific training and employment strategy for the Pessamiuilnut. This strategy will be developed in such a way as to ensure employment opportunities at all levels for the Pessamiuilnut and to encourage their retention and advancement within the Project. In addition to the strategy, this agreement will allow the Innus of Pessamit to participate in the Project concretely, through contracting opportunities and will ensure fair and equitable financial and socio-economic benefits. The latter will promote and protect the rights, the way of life and the culture of the Pessamiuilnut in addition to supporting the economic development of present and future generations.

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2. RESULTS OF OPERATIONS

For the three-month period ended September 30, 2019 compared with the three-month period ended September 30, 2018

The Company's profit totaled \$18,816,139 for the three-month period ended September 30, 2019. This compares with a profit of 1,258,926 for the three-month period ended September 30, 2018 for a variance of \$17,557,212. You will find the following significant variations:

	Three-month period ended Sept. 2019 \$	Three-month period ended Sept. 2018 \$	Variance \$	
Costs on value-added graphite products	207,669	370,940	(163,271)	As anticipated, the Company has spent less for the 2019 quarter versus 2018.
Loss (profit) on dilution of investment in associate	583,600	(1,650,000)	2,233,600	In the 2018 quarter, NanoXplore acquired Sigma Industries Inc. and partially paid for the acquisition by issuing shares. Mason's shareholding decreased from 23.8% to 22.5% which resulted in a profit on the assumed dilution of the deemed disposal of its ownership interest. While this year, the Company has divested its investment in NanoXplore.
Net (net profit) loss on financial assets	(261,000)	390,000	(651,000)	The Company exercised its warrants on August 2, 2019.
Finance costs	-	(1,202,723)	1,202,723	As of September 30, 2019, the Company no longer has a convertible debenture and therefore no financial charge. In the 2018 quarter, the derivative of the convertible debentures, due to updates in the valuation assumptions, (the LLG share price had risen from \$ 1.71 to \$ 2.14), had generated a gain \$ 1,202,723 on the derivative.
Gain on disposal of assets	(20,057,682)	-	(20,057,682)	During the quarter ending September 30, 2019, the Company sold its interest in NanoXplore, generating a gain on disposal of an interest in an associated company of approximately \$20M.
Other expenses and revenues	711,274	832,857	(121,583)	
Total	(18,816,139)	(1,258,926)	(17,557,213)	

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3. SUMMARY OF QUARTERLY RESULTS

	Sept 30, 19	June 30, 19	Mar 31, 19	Dec 31, 18
	Q1	Q4	Q3	Q2
	(Note 1)	(Note 2)	(Note 3)	
Loss (net income) for the period	(\$18 816 139)	\$1 910 361	(\$2 059 581)	\$568 233
Loss (income) per share (basic and fully diluted)	(\$0,14)	\$0,01	(\$0,01)	\$0,01

	Sept 30, 18	June 30, 18	Mar 31, 18	Dec 31, 17
	Q1	Q4	Q3	Q2
	(Note 4)	(Note 5)	(Note 6)	(Note 7)
Loss (net income) for the period	(\$1 258 926)	\$59 245	(\$2 160 318)	\$1 513 557
Loss (income) per share (basic and fully diluted)	(\$0,03)	\$0,03	(\$0,01)	\$0,01

Note 1: The exceptional gain is primarily attributable to the sale of 22,188,333 common shares of NanoXplore for a net total consideration of \$28,137,803. This transaction resulted in a net gain on disposal of assets of \$20,057,682. After this sale, Mason Graphite no longer holds any shares of NanoXplore.

Note 2: The loss is due to significant planned expenditures related to the start-up of a new pilot plant in the 2nd transformation project. In addition, the share of the loss of NanoXplore is \$800,000.

Note 3: The extraordinary gain is mainly attributable to the \$3,620,000 dilution gain in NanoXplore as a result of transactions in its capital stock.

Note 4: The unusual profit is mainly due to the gain of \$1,202,723 on the embedded derivative recorded during the quarter due to changes in the valuation assumptions (the share price decreased during the quarter) and a gain on dilution \$1,650,000 in NanoXplore Inc. as a result of transactions in its capital stock.

Note 5: The lower loss is mainly due to the gain of \$2,469,170 on the embedded derivative recorded during the quarter due to changes in the valuation assumptions (the share price decreased significantly during the quarter) partially offset by high but planned expenditures for natural graphite production for customers and testing (\$1,136,058).

Note 6: The unusual profit is mainly due to the gain of \$2,783,417 on the embedded derivative recorded during the quarter due to changes in the valuation assumptions (the share price decreased significantly during the quarter) and a dilution gain of \$1,265,000 on the deemed disposition of the Company's interest in NanoXplore Inc. partially offset by a general increase in expenses.

Note 7: The higher loss is mainly due to the \$1,527,519 loss on the embedded derivative recorded during the quarter due to changes in the valuation assumptions (the share price increased significantly during the quarter) partially offset by a \$987,000 gain on financial assets.

Each quarter has been prepared in accordance with IFRS as issued by the IASB. The Company has consistently applied the accounting policies used in the preparation of its interim IFRS financial statements. The Company's functional and presentation currency is the Canadian dollars.

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4. CASH FLOW

<u>Sources and uses of cash</u>	<u>Three-month periods ended September</u>	
	<u>2019</u>	<u>2018</u>
	<u>\$</u>	<u>\$</u>
Cash flow related to operating activities prior to changes in working capital	(525 216)	(789 572)
Changes in non-cash working capital	(67 587)	(823 408)
Cash flow related to operating activities	(592 803)	(1 612 980)
Cash flow related to financing activities	-	99 000
Cash flow related to investing activities	24 729 464	(5 135 389)
Variance in cash	24 136 661	(6 649 369)

Operating Activities

For the three-month period ended September 30, 2019, cash used in operating activities decreased by \$104,783 before changes in non-cash working capital compared to the corresponding period of last year (from \$789,572 in 2018 to \$684,789 in 2019). No significant variance was noted.

For the three-month periods ended September 30, 2019 and 2018, non-cash working capital decreased by \$67,587 and \$823,408 respectively. The decrease in non-cash items in the current period is due to lower accounts payable and accrued liabilities of \$471,063.

Financing Activities

For the three-month period ended September 30, 2019, cash provided from financing activities was \$nil compared to cash provided of \$99,000 for the corresponding period of last year. Options were exercised in 2018 compared to none in 2019.

Investing Activities

For the quarter ended September 30, 2019, cash received from investing activities was \$24,889,037 compared to outflows of \$5,135,389 for the same period last year. For the current quarter, the Company sold its investment in NanoXplore for \$28.2 million. During the last quarter, \$5,135,389 was invested in the development of the Lac Guéret project. Also, for the quarter ending September 30, 2019, the Company paid \$778,000 to exercise its warrants of NanoXplore.

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5. FINANCIAL POSITION

	<u>Sept 30,</u> <u>2019</u>	<u>Juin 30,</u> <u>2019</u>
	\$	\$
Cash (note 1)	34 755 057	10 618 396
Other current assets	404 780	808 256
Total current assets	35 159 837	11 426 652
Financial assets through profit or loss (note 2)	-	561 000
Investment in associate (note 3)	-	7 437 735
Property, plant and equipment (note 4)	77 943 280	76 795 921
Total assets	113 103 117	96 221 308
Total liabilities	6 404 452	8 370 095
Equity	106 698 667	87 851 213

Note 1: The increase is due to the inflow of funds attributable to the sale of the investment in NanoXplore.

Note 2: The decrease is explained by the fact that the Company exercised its warrants.

Note 3: The decrease is due to the sale of the investment in NanoXplore.

Note 4: The increase is due to the amounts invested for the Lac Guéret project

6. LIQUIDITY AND CAPITAL RESOURCES

The Lac Guéret property is in the development stage since June 30, 2017 and as result the Company has no current source of operating revenue and is dependent on external financing to fund its continued development program. The Company principal sources of funding have been the issuance of equity securities for cash, debt, funds from the government of Quebec with respect to tax credit related to resource and mining tax credit based on eligible exploration expenditures and funds obtained from warrants and options exercised.

As at September 30, 2019, the working capital of the Corporation was \$31,264,387, its accumulated deficit was \$12,202,849 and the net profit amounted to \$18,816,138 for the quarter then ended. Working capital includes a cash amount of \$34,755,057.

Management believes that the Company has sufficient funds to meets its obligations, operating expenses and some development expenditures for the ensuing twelve months given the sale of the shares of NanoXplore on September 9, 2019 for a total amount of \$28.2 million. The Company's ability to continue its development activities, the engineering, the procurement and the construction of the Lac Guéret project depends on management's ability to obtain additional funding in the future, which can be done in a variety of ways, including strategic partnerships, joint venture arrangements, debt project financing, royalty financing or other options offered by financial markets. Management is currently seeking such sources of funding. Although management has been successful in securing funding in the past, there can be no assurance that it will achieve such funding in the future, or that such funding sources or measures will be available to the Company or that they will be available on good terms and conditions acceptable to the Company.

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7. FINANCIAL INSTRUMENTS AND RISK MANAGEMENT

For a detailed description of the financial instruments and risk management associated with the Company and its activities, please refer to the Note 15 "*Financial Instruments and Risk Management*" in the audited financial statements for the years ended June 30, 2019 and 2018. The Company is not aware of any significant changes to financial instruments nor any management risk presented on those dates.

8. OFF-BALANCE SHEET ARRANGEMENTS

As of the date of this MD&A, the Company did not have any off-balance sheet arrangements.

9. PROPOSED TRANSACTIONS

There is no proposed transaction of a material nature being considered by the Company.

10. CRITICAL ACCOUNTING JUDGMENTS AND ESTIMATES

For a detailed description of the critical accounting judgments and estimates associated with the Company and its activities, please refer to the Note 3 "*Critical accounting judgments and estimates*" in the audited financial statements for the years ended June 30, 2019 and 2018. The Company was not required to make significant judgments, estimates and assumptions in areas other than those mentioned in the audited financial statements for the years ended June 30, 2019 and 2018.

11. NEW SIGNIFICANT ACCOUNTING POLICIES

A new significant accounting policy was adopted during this quarter: leases contracts. See section 2 of the Financial Statements.

For a detailed description of the significant accounting policies, please refer to the Note 2 "*Summary of significant accounting policies*" in the audited financial statements for the years ended June 30, 2019 and 2018.

12. OUTSTANDING SHARE DATA

As at November 25, 2019, the Company has:

- a) 136,227,585 common shares issued and outstanding;
- b) 7,170,000 options outstanding with expiry dates ranging between November 25, 2019 and April 4, 2023 with exercise price from \$0.61 to \$2.54 (weighted average price: \$0.90). If all the options were exercised, 7,170,000 shares would be issued for proceeds of \$6,453,000;

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13. RISKS AND UNCERTAINTIES

The operations of the Company are speculative due to the high-risk nature of its business, which is the acquisition, financing, exploration, evaluation, development and operation of mining properties. These risk factors could materially affect the Company's future operating results and could cause actual events to differ materially from those described in forward-looking information relating to the Company.

For a detailed description of the risk factors associated with the Company and its activities, please refer to the "*Risks and Uncertainties*" in the MD&A for the year ended June 30, 2019 and 2018. The Company is not aware of significant adverse change to the risk and uncertainties presented by that date.

14. MANAGEMENT'S RESPONSIBILITY FOR FINANCIAL STATEMENTS

The information provided in this MD&A, including the Financial statements, is the responsibility of management. In the preparation of these statements, estimates are sometimes necessary to make a determination of future values for certain assets or liabilities. Management believes such estimates have been based on careful judgments and have been properly reflected in the accompanying financial statements.

In contrast to the certificate required under *National Instrument 52-109 Certification of Disclosure in Issuers' Annual and Interim Filings* ("NI 52-109"), the Venture Issuer Basic Certificate does not include representations relating to the establishment and maintenance of disclosure controls and procedures ("DC&P") and internal control over financial reporting ("ICFR"), as defined in NI 52-109. In particular, the certifying officers filing this certificate are not making any representations relating to the establishment and maintenance of:

- controls and other procedures designed to provide reasonable assurance that information required to be disclosed by the Company in its annual filings, interim filings or other reports filed or submitted under securities legislation is recorded, processed, summarized and reported within the time periods specified in securities legislation; and
- a process to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with the Company's GAAP.

The Company's certifying officers are responsible for ensuring that processes are in place to provide them with sufficient knowledge to support the representations they are making in this certificate. Investors should be aware that the design and implementation of such processes by those responsible for a venture issuer are subject to cost limitation.

DC&P and ICFR as defined in NI 52-109 may result in additional risks to the quality, reliability, transparency and timeliness of interim and annual filings and other reports provided under securities legislation.

15. APPROVAL

The Board of Directors oversees management's responsibility for financial reporting and internal control systems through an Audit Committee. This Audit Committee meets quarterly with management and annually with the independent auditors to review the scope and results of the annual audit and to review the financial statements and related financial reporting and any other internal control matters before the financial statements are approved by the Board of Directors and submitted to the shareholders. The Board of Directors has approved the unaudited condensed interim financial statements for the three-month periods ended September 30, 2019 and 2018 and the disclosure contained in this MD&A.