nanoOne

NANO ONE MATERIALS CORP.

INTERIM MANAGEMENT DISCUSSION

AND

ANALYSIS – QUARTERLY HIGHLIGHTS

FOR THE PERIOD ENDED SEPTEMBER 30, 2018

INTERIM MANAGEMENT DISCUSSION AND ANALYSIS – QUARTERLY HIGHLIGHTS

The following Interim Management Discussion and Analysis – Quarterly Highlights ("Quarterly Highlights") of Nano One Materials Corp. ("Nano One" or the "Company") has been prepared to provide material updates to the business operations, liquidity and capital resources of the Company since its last management discussion & analysis, being the Management Discussion & Analysis ("Annual MD&A") for the fiscal year ended December 31, 2017. This Quarterly Highlight does not provide a general update to the Annual MD&A or reflect any non-material events since the date of the Annual MD&A.

This Quarterly Highlights has been prepared in compliance with the requirements of section 2.2.1 of Form 51-102F1, by National Instrument 51-102 – Continuous Disclosure Obligations. This Quarterly Highlights should be read in conjunction with the Annual MD&A, the audited financial statements and the related notes for the years ended December 31, 2017, and 2016 and the unaudited condensed interim financial statements and the related notes for the years ended December 31, 2017, and 2016 and the unaudited condensed interim financial statements and the related notes for the nine months ended September 30, 2018. In the opinion of management, all adjustments (which consist only of normal recurring adjustments) considered necessary for a fair presentation have been included. The results for the nine months ended September 30, 2018, are not necessarily indicative of the results that may be expected for any future period. The information contained herein is presented as at November 27, 2018 (the "Report Date"), unless otherwise indicated.

The unaudited condensed interim financial statements for the nine months ended September 30, 2018, including comparatives, have been prepared in accordance with International Accounts Standards ("IAS") 34, "Interim Financial Reporting", using accounting policies consistent with International Financial Reporting Standards ("IFRS") as issued by the International Accounting Standards Board ("IASB") and Interpretations issued by the International Reporting Interpretations Committee ("IFRIC").

For the purposes of preparing this Quarterly Highlights, management, in conjunction with the Board of Directors, considers the materiality of information. Information is considered material if: (i) such information results in, or would reasonably be expected to result in, a significant change in the market price or value of Nano One's common shares; or (ii) there is a substantial likelihood that a reasonable investor would consider it important in making an investment decision; or (iii) it would significantly alter the total mix of information available to investors. Management, in conjunction with the Board of Directors, evaluates materiality with reference to all relevant circumstances, including potential market sensitivity.

Additional information relevant to the Company's activities can be found on SEDAR at <u>www.sedar.com</u> and the Company's website at <u>www.nanoone.ca</u>. All dollar amounts included therein and in the following Quarterly Highlights are in Canadian dollars, the reporting and functional currency of the Company, except where noted.

FORWARD-LOOKING STATEMENTS

Certain statements contained in this Quarterly Highlights may constitute "forward-looking statements". Such term is defined in applicable securities laws. The forward-looking information includes, without limitation, the success of research and development activities and other similar statements concerning anticipated future events, conditions or results that are not historical facts. These statements reflect management's current estimates, beliefs, intentions and expectations; they are not guarantees of future performance. The Company cautions that all forward-looking information is inherently uncertain and that actual performance may be affected by a number of material factors, many of which are beyond the Company's control. Such factors include, among others, risks relating to research and development; the Company's intellectual property applications being approved, the Company's ability to property its proprietary rights from unauthorized use or disclosure, the ability of the Company to obtain additional financing; the Company's limited operating history; the need to comply with environmental and governmental regulations; fluctuations in currency exchange rates; operating hazards and risks; competition; and other risks and uncertainties. Although the Company has attempted to identify important factors that could cause actual actions, events or results to differ materially from those described in forwardlooking information, there may be other factors that cause actions, events or results not to be as anticipated, estimated or intended. Accordingly, actual future events, conditions and results may differ materially from the estimates, beliefs, intentions and expectations expressed or implied in the forward-looking information. All



statements are made as of the Report Date and, except as required by law, the Company is under no obligation to update or alter any forward-looking information.

OVERVIEW

The Company was incorporated on November 5, 1987. The Company is engaged in developing novel, scalable and low-cost processing technology for the production of high performance nano-structured materials. Nano One's mission is to establish its patent pending technology as a leading platform for the global production of a new generation of nano-structured composite materials. Nano One is building a portfolio of intellectual property and technology "know-how" for applications in markets that include energy storage, specialty ceramics, pharmaceutical, semiconductors, aerospace, dental, catalysts and communications. The technology simplifies the assembly of complex formulations of organic and inorganic ceramic powders and is suited to growth markets where the commercialization of advanced materials is inhibited by costly and entrenched industrial fabrication methods. Nano One's first market is lithium-ion cathode materials in the energy storage sector, where its advantageous technology can bring sustainable differentiation and value to early adopters.

OVERALL PERFORMANCE

The Company has no revenues, so its ability to ensure continuing operations is its ability to obtain necessary financing to complete the development of novel, scalable and low-cost processing technology for the production of high-performance nano-structured materials.

Nano One's innovative processing technology can be used to produce materials used in a wide range of markets. Nano One's first addressable market is cathode materials for lithium-ion rechargeable batteries for electric vehicles (EV) and energy storage systems (ESS). There is growing demand in the lithium-ion battery market for more cost effective and higher performance energy storage solutions. Nano One is well positioned to address these needs with its patented and patent-pending technology and anticipates growth potential for the technology in many other materials markets beyond energy storage, including dental, catalysts, specialty ceramics, pharmaceutical, semiconductors, agriculture, aerospace and communications.

Nano One has developed a new process of producing high-performance cathode materials, which uses standard equipment and simple methods that are known to scale in a wide range of industrial applications. The process can produce higher performance composite materials while using lower cost feedstock and simpler processing. Nano One's patented and patent-pending technology is a flexible manufacturing platform that enables lithium carbonate (or hydroxide) to be used as feedstock alongside other raw materials such as nickel, manganese, cobalt, iron, phosphate and aluminum. It is a water-based process operating at mild pH and temperature that forms the energy storing cathode materials used in lithium-ion batteries. The process can be configured to produce a range of different nanostructured materials and has the flexibility to shift with emerging and future battery market trends and a diverse range of other growth opportunities.

The process consists of three stages, and the major innovations lie in the first stage where a special mode of combining reactants controls crystal nucleation and growth of particles. Nucleation is the self-assembly of molecules into an organized structure. The desired nano-scale or superfine structure is formed in the initial stage of the production cycle and eliminates many steps common to the incumbent industrial processes.

The underlying structure and morphology of the materials are preserved through a wide range of thermal processing steps, eliminating the need for long and repeated firings and indicative of robust and more durable material. The process produces materials with stable phase composition and high porosity, but which is configurable to meet a variety of energy density requirements.

The presence of nano-structures early in the process and before calcination (i.e., heating to high temperature) simplifies processing and is advantageous for material performance, process throughput, and scale-up. Characterization of the materials by electron microscope and x-ray characterizes the size, the composition and the kind of structure, providing evidence of a robust structure that withstands the rigors of drying and calcination and maintains the integrity of its advantageous structure through thousands of charge cycles.



Typically, synthesis of nanomaterials at the bench scale are performed in small quantities anywhere from milligrams to grams of material. Subsequent scale-up from these small quantities often leads to detrimental changes in thermodynamics (heat, temperature, energy, work) and reaction kinetics (reaction rates and chemical change). Nano One recognizes that synthesis of materials must begin at a larger scale where the properties of the system are much closer to production conditions. For this reason, Nano One designed, constructed and commissioned a 6-litre bench scale reactor that is capable of producing up to 150 grams per hour (150 g/hr) or 3 kilograms per day (3 kg/day), with drying and firing stages easily scaled to match. At this scale, there is sufficient volume to emulate the thermodynamic and reaction kinetics expected in the pilot and full-scale production.

The Company announced the addition of Hamutal Ben Bassat as VP Business Development in July 26, 2018.

The Company has been admitted into the Nasdaq International Designation program under the symbol OTC – Nasdaq International Designation: NNOMF since July 30, 2018. This is an over-the-counter (OTC) platform designed for non-U.S. companies. The program provides member companies with Nasdaq's visibility offering, allowing for greater access to U.S.-based investors.

Pilot Plant Project

In 2016, Nano One, NORAM Engineering and Constructors Ltd. ("NORAM") and B.C. Research Inc. ("BCRI") entered into a collaboration agreement whereby the parties would design, procure, construct, optimize and operate a pilot production plant. The goal of the pilot plant is to simulate full-scale production of lithium-ion cathode materials, showcase Nano One's patented technology and demonstrate the cost, scalability, performance, and novelty of Nano One's technology to strategic industry players. The pilot plant is capable of producing hundreds (100's) of kilograms batches of various lithium mixed metal cathode materials that are strategically critical to an electric vehicle, grid storage, and consumer electronic batteries. The procurement and construction phase of the pilot project began on June 1, 2016. The construction and commissioning of the pilot plant was completed in June 2017.

A scaled-up production of lithium-ion cathode materials that meet Nano One's processing and battery capacity targets has been demonstrated. Preliminary analysis of the pilot scale process is consistent with the chemistry and operating parameters developed in the laboratory. Evaluations of the pilot produced cathode materials shows crystallinity, elemental composition and battery capacity in line with Nano One's laboratory scale process and materials.

The pilot plant project is being supported by the Government of Canada through grants of up to \$2.08M from Sustainable Development Technology Canada ("SDTC") and up to \$1.9M from the Automotive Supplier Innovation Program ("ASIP"), a program of Innovation, Science and Economic Development Canada ("ISED").

SDTC funds will be payable in installments over the three (3) phases of the project, namely: "build", "optimization" and "validation" with a 10% holdback awarded upon completion of the project in early-2019. The funds are dispersed at the beginning of each phase, and are subject to Nano One meeting milestones and having matching funds in place. To date, the Company has received three instalments totaling \$1,873,167 (2018 – one instalment of \$760,145) for three phases of a lithium battery materials pilot plant project. A total of \$539,236 was offset R&D expenses for the period ended September 30, 2018.

ASIP funds will be applied to the three project phases described above with an additional phase 4 involving the validation of materials specific to the electric vehicle market. To date, a total of \$1,286,920 has been claimed.

During the period ended September 30, 2018, the Company received additional government grants for training and employment totaling \$34,760 (2017 - \$Nil).

As at July 25, 2018, the Company entered into a contribution agreement with the National Research Council of Canada's Industrial Research Assistance Program ("NRC – IRAP"). NRC - IRAP will support Nano One's project to develop Coatings for High Durability Lithium-ion Battery Cathodes and will contribute up to \$349,000 in non-dilutive and non-repayable funds between August 1, 2018 and May 31, 2020.



Technology

The electric vehicle industry is demanding higher energy density lithium-ion cathode materials at a lower cost. This is being achieved with increasing proportions of nickel. Current industrial methods require higher cost lithium hydroxide as feedstock for these nickel-rich cathode materials. The flexibility of Nano One's process enables the use of lithium feedstock in the form of either carbonate or hydroxide for the production of high-performance cathode materials which could reduce constraints on the supply of battery grade lithium by enabling new sources.

Nickel-rich cathode materials include nickel cobalt aluminate (NCA) and nickel-manganese cobaltate (NMC-532, 622 and 811). Note: "NMC-XYZ," where X, Y, and Z refers to ratios of nickel, manganese and cobalt, respectively. These materials are expected to play an increasingly dominant role in the lithium-ion batteries used by major electric vehicle manufacturers.

During the period ended December 31, 2017, Nano One demonstrated the synthesis of high energy cathode material for electrical vehicles using lithium carbonate feedstock with energy densities on par with industry standards. This demonstration underlines the opportunity of Nano One's technology to enable a wider range of lithium sources for the rapidly growing electric vehicle market and supplements Nano One's other opportunities in the space including improved cathode material durability, power, energy, and processing cost.

Nano One successfully piloted NMC111 and NMC622 with nickel content at 33% and 60%, respectively. These pilot tests were conducted at approximately 100 times normal lab scale, and the results provide added confidence that these nickel-rich materials can be manufactured at commercial scale. Electrochemical testing of battery cells made with these pilot materials is showing initial energy capacity measurements in excess of that achieved in the laboratory.

Nano One has successfully synthesized LNMO (Lithium Nickel Manganese Oxide), also referred to as "High Voltage Spinel", in the pilot plant and has filed a patent application in respect to the process that coats the LMNO with a protective material which improves its stability at higher temperatures. This coating may prove to also improve the interface between LMNO and solid-state electrolytes currently in development by a number of players for the next generation of lithium-ion batteries[RS1]. A patent describing the coating process has been filed.

Nano One has filed a patent application in respect to a low - cost process for high-performance Lithium Iron Phosphate (LFP). This process uses lower cost sources of Lithium, Iron and Phosphate than incumbent processes and has been successfully piloted and generates LFP that is already carbon coated thereby eliminating additional process steps. Further, the process generates material with small particle size which is desirable and with an initial energy capacity in excess of 160mAhg⁻¹ which is as good or better than the highest performing LFP material available.

Nano One is developing coating and doping techniques for high nickel and high voltage spinel materials with the objective of improving both the durability and stability of these materials. The Nano One process is suitable for component gradients within crystals and surface coatings without the need for additional process steps.

Operating the pilot has also enabled Nano One to complete preliminary engineering plans for a modular 3,300 tonnes/year cathode production unit that could supply materials for roughly 24,000 60kWh electric vehicle batteries. Nano One has also begun work on detailed plant engineering in support of technology licensing proposals to global industrial interests.

Nano One has been granted ten patents as of the report date.

Management



Nano One has appointed John Lando as Interm Chief Financial Officer effective October 1, 2018 and Stephen Campbell as Chief Technology Officer effective October 9, 2018.

SUMMARY OF QUARTERLY RESULTS

The following table sets out selected quarterly financial information derived from the Company's unaudited condensed interim financial statements, for each of the eight recently completed quarters, which have been prepared in accordance with IFRS. This requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from these estimates.

Period	Interest and other items \$	General admin \$	Share-based payment \$	Loss for the period	Net loss per share, basic and fully diluted \$
September 30, 2018	16,956	(665,768)	(230,263)	(879,075)	(0.01)
June 30, 2018	-	(597,944)	(49,601)	(647,595)	(0.01)
March 31, 2018	10,087	(957,552)	(127,554)	(1,075,019)	(0.02)
December 31, 2017	11,040	(499,236)	(72,208)	(560,404)	(0.01)
September 30, 2017	3,647	(700,214)	(70,514)	(767,081)	(0.01)
June 30, 2017	2,064	(638,806)	(60,566)	(697,308)	(0.01)
March 31, 2017	2,790	(612,555)	(64,786)	(674,551)	(0.01)
December 31, 2016	4,130	(42,498)	(193,495)	(231,863)	(0.004)

RESULTS OF OPERATIONS

Nine Month Period Ended September 30, 2018 Compared To Nine Month Period Ended September 30, 2017

Loss and comprehensive loss for the period ended September 30, 2018, increased by \$462,749. The change was primarily due to the following:

- General and administrative costs of \$2,221,314 (2017 \$1,951,575) increased as follows:
 - Shareholders' communication and investors' relationship decreased by \$152,275 primarily due to ceased services from Accent Marketing and Anders Nerell.
 - Salary and benefits increased by \$118,706 due to the hiring of employees.
 - Office and general increased by \$29,085 due to an overall increase in activity.
 - Professional fees decreased by \$50,633 mainly due to adjusted patent filing expenses to intangible assets, i.e. granted patents.
 - Research and development increased by \$339,463 primarily due to work performed in connection with the pilot plant. Total government assistance recognized for the period ended September 30, 2018 was \$881,103 (2017 \$1,066,812). The amount is offset against research and development expense on the statement of loss and comprehensive loss.

Research and Development Expense For The Nine Month Period Ended September 30, 2018 Compared To September 30, 2017:

	Period Ended September 30, 2018 \$	Period Ended September 30, 2017 \$
Analytical services	10,558	25,947
Consulting	82,897	329,123
Depreciation	747,083	466,919
Government grant recovery	(881,103)	(1,066,812)
Lab rent	42,242	52,236
Office and lab expense	174,358	231,955
Salaries and benefits related to R&D	829,465	613,569
Travel	16,026	29,126
	1,021,526	682,063

• The Company recorded a non-cash share-based payment of \$407,418 (2017 – \$195,866) relating to the fair value to the current period.

Three Month Period Ended September 30, 2018 Compared To Three Month Period Ended September 30, 2017

Loss and comprehensive loss for the period ended September 30, 2018, increased by \$111,994. The change was primarily due to the following:

- General and administrative costs of \$665,768 (2017 \$700,214) decreased as follows:
 - Shareholders' communication and investors' relationship decreased by \$127,918 primarily due to ceased services from Accent Marketing.
 - Salary and benefits increased by \$30,494 due to the hiring of employees.
 - Office and general increased by \$24,702 due to an overall increase in activity.
 - Professional fees decreased by \$51,642 mainly due to adjusted patent filing expenses to intangible assets, i.e. granted patents.
 - Research and development decreased by \$116,380 primarily due to decreased work performed in connection with the pilot plant. Total government assistance recognized for the period ended September 30, 2018 was \$498,116 (2017 - \$480,472). The amount is offset against research and development expense on the statement of loss and comprehensive loss.

Research and Development Expense For The Three Month Period Ended September 30, 2018 Compared to Three Month Ended September 30, 2017:

	Period Ended	Period Ended
	September 30,	September 30,
	2018	2017
	\$	\$
Analytical services	5,121	21,841
Consulting	42,048	7,612
Depreciation	409,909	241,373
Government grant recovery	(498,116)	(480,472)
Lab rent	13,324	20,876
Office and lab expense	(290,004)	69,763
Salaries and benefits related to R&D	586,310	250,226
Travel	(3,093)	17,900
	265,499	149,119



• The Company recorded a non-cash share-based payment of \$230,263 (2017 – \$70,514) relating to the fair value to the current period.

LIQUIDITY RISK

The Company has not yet realized profitable operations and has relied on non-operational sources of financing to fund operations. The ability of the Company to achieve its objectives, meet its ongoing obligations and recover its investments in granted and pending patents, and other assets will depend on management's ability to successfully execute its business plan, achieve profitable operations and obtain additional financing, if or when required. There is no assurance that these initiatives will be successful.

Liquidity risk is the risk that the Company will not be able to meet its obligations associated with its financial liabilities. The Company has historically relied upon equity financings to satisfy its capital requirements and will continue to depend heavily upon equity capital to finance its activities. The Company's approach to managing liquidity risk is to ensure that it will have sufficient liquidity to meet liabilities when due. The Company started 2018 with working capital of \$4,643,789, and as at September 30, 2018, the Company had working capital of \$3,558,081. The decrease in the working capital of \$1,085,708 was primarily due to:

- 307,500 warrants with an exercise price of \$1.25 were exercised for gross proceeds of \$384,375;
- 48,825 finders' warrants with an exercise price of \$1.25 were exercised for gross proceeds of \$61,032.
- 400,000 stock options with an exercise price of \$0.35 were exercised for gross proceeds of \$140,000;
- 50,000 stock options with an exercise price of \$0.25 were exercised for gross proceeds of \$12,500;
- 5,000 stock options with an exercise price of \$0.70 were exercised for gross proceeds of \$3,500;
- total government assistance recognized \$881,103;
- purchase of equipment for \$211,535;
- recognition of tangible assets for \$44,877 and
- general and administrative costs of \$2,221,314.

Recent developments in the capital markets have restricted access to debt and equity financing for many companies. As the Company has no significant income, cash balances will continue to decline as the Company utilizes these funds to conduct its operations, unless replenished by capital fundraising.

	September 30, 2018	December 31, 2017
Working capital	\$ 3,558,081	\$ 4,643,789
Deficit	(15,246,188)	(12,644,499)

Subsequent to September 30, 2018, The Company issued 650,000 common shares pursuant to the exercise of stock options for gross proceeds of \$162,500.

FINANCIAL INSTRUMENTS

The Company is exposed to various financial instrument risks and assesses the impact and likelihood of this exposure. These risks include liquidity, credit, currency, interest rate, and price risks. Where material, these risks are reviewed and monitored by the Board of Directors.

Liquidity Risk

Liquidity risk is the risk that the Company will not be able to meet its obligations associated with its financial liabilities. The Company has historically relied upon equity financings to satisfy its capital requirements and will continue to depend heavily upon equity capital and possible loans to finance its



activities. The Company manages liquidity risk through its capital management as outlined above. Accounts payable and accrued liabilities are due within one year.

Credit Risk

Credit risk is the risk of potential loss to the Company if the counterparty to a financial instrument fails to meet its contractual obligations. The Company's credit risk is primarily attributable to its liquid financial assets including cash and cash equivalents, and receivables. The Company limits exposure to credit risk on liquid financial assets through maintaining its cash with high-credit quality financial institutions.

The majority of the Company's cash and cash equivalents is held with major Canadian based financial institutions. The Company considers credit risk with respect to the receivables to be minimal.

Interest Rate Risk

Interest rate risk is the risk that the fair value of future cash flows of a financial instrument will fluctuate due to changes in market interest rates. Current cash is generally not exposed to interest rate risk because of their short-term maturity.

Price Risk

The Company is exposed to price risk with respect to equity prices. Equity price risk is defined as the potential adverse impact on the Company's earnings due to movements in individual equity prices. The Company closely monitors the individual equity movements to determine the appropriate course of action to be taken by the Company.

Based on management's knowledge and experience of the financial markets, management does not believe that the Company's current financial instruments will be affected by interest rate risk, currency risk and credit risk.

Fair Value

The Company classifies its fair value measurements in accordance with the three-level fair value hierarchy as follows:

- Level 1 Unadjusted quoted prices in active markets for identical assets or liabilities;
- Level 2 Inputs other than quoted prices that are observable for the asset or liability either directly or indirectly; and
- Level 3 Inputs that are not based on observable market data.

The carrying values of cash and cash equivalents, receivables, accounts payable and accrued liabilities and accounts payable to related parties approximate their fair values due to the short-term nature of these instruments.

FUTURE PLANS

Nano One will continue to develop, optimize and demonstrate the benefits of producing various cathode materials using its processing technology, for use in lithium-ion batteries including the development of high voltage cobalt free cathode materials.

Nano One will continue to collaborate with NORAM and BCRI to operate the pilot plant to demonstrate the production of lithium-ion battery cathode powders and to demonstrate technology improvements as they arise. The engineering design and specifications of equipment follow from commercial scale concepts developed by Nano One and NORAM. Nano One will continue to provide preliminary output and optimization of cathode



materials. Nano One will also continue the evaluation of other next-generation lithium-ion battery materials as dictated by commercial interests. Nano One intends to ramp up the internal testing requirements with test cell assembly and electrochemical characterization.

Nano One has collaborated with Simon Fraser University to advance the understanding of the physical and chemical characteristics of lithium-ion batteries as they charge and discharge. The two-year collaboration with SFU will be supervised by Associate Professor Dr. Byron Gates and Dr. Stephen Campbell, Nano One's Principal Scientist, with financial support from the Mitacs Elevate Postdoctoral Fellowship Program.

As the lithium-ion battery market evolves, Nano One believes its key opportunities lie in (i) manufacturing of value-added and differentiable cathode materials, (ii) enabling sources of lithium and other feedstocks that others cannot use, and (iii) customizing materials for solid state, fast charging and next-generation batteries. Nano One is adjusting financial models and development programs to pursue these opportunities.

Nano One intends to leverage progress on these plans and approach potential strategic interests and key market pull players to collaborate as partners in the demonstration pilot.

RELATED PARTY DISCLOSURES

Key management personnel is the persons responsible for the planning, directing and controlling the activities of the Company and includes both executive and non-executive directors, and entities controlled by such persons. The Company considers all Directors and Officers of the Company to be key management personnel.

(a) Purchases of services

	September 30, 2018 \$	September 30, 2017 \$
Bedrock Capital Corp., an entity controlled by Paul Matysek, an executive director is an officer, for consulting fees	45,000	45,000
Sterling Pacific Capital, an entity controlled by John Lando, an executive director is an officer, for miscellaneous operating expenses	4,321	4,575
Center Cut Capital, an entity controlled by John Lando, an executive director is an officer, for employee benefits	-	11,418
Patent Filing Specialists Inc, an entity where a Joseph Guy, a director, is a director, for legal fees	81,644	-
	130,965	60,993

(b) Key management compensation

Key management includes directors (executive and non-executive), the Chief Executive Officer President and Chief Financial Officer. The compensation paid or payable to key management for employee services is shown below:

	September 30, 2018 \$	September 30, 2017 \$
Salary and benefits to the former CFO	53,608	65,667
Salary and benefits to the President, Interim CFO and Director	60,045	56,250
Salary and benefits to CEO and Director	97,545	93,750
	211,198	215,667



(c) Payable to related party

As at September 30, 2018, accounts payable to related parties consists of \$nil (December 31, 2017 – \$13,857) owing to a director and company controlled by a director and officer of the company.

OUTSTANDING SHARE DATA

As at Report Date, there were 66,055,637 (December 31, 2017 – 65,313,137) common shares outstanding.

As at Report Date, the following stock options were outstanding:

Number of	Exercise	
Options	Price	Expiry Date
2,125,000	\$0.25	March 5, 2020
225,000	\$0.25	January 19, 2021
50,000	\$0.35	February 25, 2021
100,000	\$0.38	April 8, 2021
50,000	\$0.50	September 13, 2021
45,000	\$0.67	June 5, 2022
142,500	\$0.70	March 10, 2022
25,000	\$0.74	May 4, 2022
50,000	\$1.08	September 13, 2022
150,000	\$1.14	January 3, 2023
150,000	\$1.15	August 11, 2022
100,000	\$1.19	January 9, 2023
340,000	\$1.57	July 12, 2023
25,000	\$1.08	September 10, 2023
2,460,000	\$1.28	November 12, 2023
6,037,500		

As at Report Date, the following warrants were outstanding:

Number of	Exercise	
Options	Price	Expiry Date
1,879,555	\$1.25	September 8, 2019

RISK AND UNCERTAINTIES

Risk is inherent in all business activities and cannot be entirely eliminated. Our goal is to enable the Company's business processes and opportunities by ensuring that the risks arising from our business activities, the markets and political environments in which we operate is mitigated. The risks and uncertainties described in the Annual MD&A for the year ended December 31, 2017, are considered by management to be the most important in the context of the Company's business and are substantially unchanged as of the Report Date. Those risks and uncertainties are not inclusive of all the risks and uncertainties the Company may be subject to, and other risks may apply.