

2020 MANAGEMENT INFORMATION CIRCULAR JOURDAN RESOURCES INC.

ABOUT THE SHAREHOLDER MEETING

November 11, 2020

Forward-looking Statements

This management information circular (“**Circular**”) contains certain “forward-looking statements” including with respect to the holding of the Meeting to elect the directors of Jourdan Resources Inc. (“**Jourdan**” or the “**Corporation**”) for the ensuing year, appoint McGovern Hurley LLP as auditor of the Corporation, approve the Corporation’s rolling stock option plan, and confirm the repeal of the Old By-Laws (as defined herein) and ratify the New By-Law No. 1 (as defined herein). Such forward-looking statements involve risks and uncertainties, many of which are outside of the control of the Corporation. Forward-looking statements involve known and unknown risks, uncertainties, assumptions and other factors that may cause the actual results, performance or achievements of the Corporation to be materially different from any future results, performance or achievements expressed or implied by the forward-looking statements. Any forward-looking statement contained herein speaks only as of the date of this Circular and, except as may be required by applicable securities laws, the Corporation disclaims any intent or obligation to update any forward-looking statement, whether as a result of new information, future events or results or otherwise.

Solicitation of Proxies

You have received this Circular because you owned common shares of the Corporation (“**Common Shares**”) as of November 9, 2020. You are therefore entitled to vote at the 2020 annual and special meeting of common shareholders (the “**Meeting**”) of the Corporation to be held on Thursday, December 10, 2020 at 10:00 a.m. (Toronto time) at 65 Queen Street West, 9th floor, Toronto, Ontario M5H 2M5, and any postponement(s) or adjournment(s) thereof.

AS A RESULT OF THE GOVERNMENTAL PROHIBITION AGAINST GROUP GATHERINGS AND TO HELP REDUCE THE SPREAD OF COVID-19, ONLY REGISTERED SHAREHOLDERS AND/OR THEIR APPOINTEES MAY ATTEND THE MEETING IN PERSON. IN ADDITION, WE STRONGLY ENCOURAGE ALL SHAREHOLDERS TO NOT ATTEND THE MEETING IN PERSON AND TO VOTE THEIR SHARES BY COMPLETING AND RETURNING THE ENCLOSED FORM OF PROXY, AS DESCRIBED BELOW UNDER THE HEADING “VOTING”.

You may also participate in the meeting by virtual attendance. Please visit the following link for instructions and registration details: <https://bit.ly/34ZdpRv>.

YOU WILL NOT BE ABLE TO VOTE YOUR SHARES AT THE MEETING IF YOU PARTICIPATE SOLELY BY VIRTUAL ATTENDANCE. SHAREHOLDERS THAT WISH TO PARTICIPATE VIRTUALLY MUST VOTE THEIR SHARES BY COMPLETING AND RETURNING THE ENCLOSED FORM OF PROXY BY 10:00 A.M. ET ON DECEMBER 8, 2020, AS DESCRIBED BELOW UNDER THE HEADING “VOTING”.

The board of directors of the Corporation (the “**Board**”) has set November 9, 2020 as the record date for the Meeting (the “**Record Date**”).

Management is soliciting your proxy for the Meeting. The Board has fixed 10:00 a.m. (Toronto time) on Tuesday, December 8, 2020, or 48 hours (excluding Saturdays, Sundays or holidays) before any postponement(s) or adjournment(s) of the Meeting, as the time by which proxies to be acted upon at the Meeting shall be deposited with the Corporation’s transfer agent. The costs of solicitation by management will be borne by the Corporation.

These materials are being sent to both registered and non-registered owners of the Common Shares. The Corporation or its agent has obtained information regarding non-registered owners in accordance with the applicable securities regulatory requirements from the intermediary holding the Common Shares on your behalf. By choosing to send these materials to you directly, the Corporation (and not the intermediary holding on your behalf) has assumed responsibility for (i) delivering these materials to you, and (ii) executing your proper voting instructions. Please return your voting instructions as specified in the request for voting instructions.

The Corporation shall make a list of all persons who are registered shareholders of the Corporation ("**Shareholders**") on the Record Date and the number of Common Shares registered in the name of each Shareholder on such date. Each Shareholder is entitled to one vote on each matter to be acted on at the Meeting for each Common Share registered in his or her name as it appears on the list.

Unless otherwise stated, the information contained in this Circular is as of the date hereof. All dollar amount references in this Circular, unless otherwise indicated, are expressed in Canadian dollars.

Voting

Appointment and Revocation of Proxies

The persons named in the enclosed form of proxy are officers and/or directors of the Corporation. **You may appoint some other person or entity to represent you at the Meeting** by inserting such person's name in the blank space provided in that form of proxy or by completing another proper form of proxy and, in either case, depositing the completed proxy at the office of the transfer agent of the Corporation indicated on the enclosed envelope not later than the times set out above.

In addition to revocation in any other manner permitted by law, a Shareholder may revoke a proxy given pursuant to this solicitation by depositing an instrument in writing (including another proxy bearing a later date) executed by the Shareholder or by an attorney authorized in writing at 65 Queen Street West, Suite 900, Toronto, Ontario, M5H 2M5 at any time up to and including the last business day preceding the day of the Meeting.

For registered Shareholders who do not receive physical delivery of the form of proxy by mail due to a postal disruption as a result of a Canada Post labour disruption or any other cause, the form of proxy for use by registered Shareholders is also available under the Corporation's profile at www.sedar.com. In the event of a postal disruption, registered Shareholders are encouraged to complete the form of proxy and return it by courier to TSX Trust Company, 301-100 Adelaide Street West, Toronto, Ontario, M5H 4H1 or by facsimile at (416) 361-0470, not less than 48 hours (excluding Saturdays, Sundays and statutory holidays in Ontario) before the time set for the Meeting.

Voting of Proxies

Registered Shareholders

You can vote in person or vote by proxy. Voting by proxy is the easiest way to vote because you can appoint anyone to be your proxyholder to attend the Meeting and vote your Common Shares according to your instructions. This person does not need to be a Shareholder. The executive officers named in the proxy form can act as your proxyholder and vote your Common Shares according to your instructions.

If you appoint the Jourdan proxyholders and do not indicate your voting instructions, they will vote your Common Shares:

- for the appointment of the auditors;
- for the approval of the Stock Option Plan (as defined below);
- for the appointment of the nominated directors; and
- for the confirmation of the repeal of the Old By-Laws and the ratification of the New By-Law No. 1.

If you want to appoint someone else as your proxyholder, print that person's name in the blank space provided in the proxy form (or complete another proxy form) and send the form to the Corporation's transfer agent. Make sure this person is aware that you appointed them as your proxyholder and that they must attend the Meeting to vote on your behalf and according to your instructions. If you do not indicate your voting instructions, your proxyholder can vote as he or she sees fit.

At the time of printing this Circular, management is not aware of any amendments, variations or other matters to come before the Meeting. If other matters are properly brought before the Meeting, your proxyholder can vote as he or she sees fit.

The transfer agent must receive the completed proxy form by 10:00 a.m. (Toronto time) on December 8, 2020, or 48 hours (excluding Saturdays, Sundays or holidays) before any postponement(s) or adjournment(s) of the Meeting.

Non-Registered Shareholders

Non-registered Shareholders ("**Non-Registered Shareholders**") are those holders who beneficially own Common Shares registered in the name of an intermediary with whom the Non-Registered Shareholder deals in respect of the Common Shares, such as, banks, trust companies, securities dealers (each an "**Intermediary**") or in the name of a clearing agency such as CDS & Co. Securities laws require the Corporation to send the meeting materials to the Intermediaries and clearing agencies so they can distribute them to our Non-Registered Shareholders. These materials include the notice of the Meeting, the Circular, a proxy or voting instruction form, and a copy of the Corporation's annual financial statements and management's discussion and analysis.

Intermediaries and clearing agencies must forward the Meeting materials to Non-Registered Shareholders unless the Non-Registered Shareholder has waived the right to receive them. If you are a Non-Registered Shareholder and have not waived the right to receive the materials, your package includes either a voting instruction form (not signed by your Intermediary) or a proxy form (signed by your Intermediary). Management does not intend to pay intermediaries to forward any materials to objecting beneficial owners. Objecting beneficial owners will not receive meeting materials unless the objecting beneficial owner's intermediary assumes the cost of delivery.

Either form instructs your Intermediary (the registered Shareholder) to vote your Common Shares according to your instructions. Be sure to send back your completed form as soon as possible to ensure your Intermediary carries out your voting instructions.

Non-Registered Shareholders who do not receive physical delivery of their voting instruction form and control number by mail due to a postal disruption as a result of a Canada Post labour disruption or other cause may obtain their control number and online or telephonic voting instructions by contacting their Intermediary that holds their Common Shares.

We encourage Non-Registered Shareholders to review such instructions carefully and contact their Intermediary promptly to obtain their required control number or provide instructions to vote on their behalf and thereby ensure their vote is recorded through the internet and telephone system.

Voting Securities and Principal Holders

The authorized capital of the Corporation consists of an unlimited number of Common Shares and an unlimited number of preferred shares. As of the date hereof, the Corporation has 108,873,112 Common Shares issued and outstanding and no preferred shares issued and outstanding. To the knowledge of the directors and officers of the Corporation, as at the date hereof, no person, beneficially owns, directly or indirectly, or exercises control or direction over securities carrying more than 10% of the voting rights attached to the Common Shares, other than Aberdeen International Inc., which owns 13,333,333

Common Shares representing 12.25% of the issued and outstanding Common Shares.

BUSINESS OF THE MEETING

Other than in respect of the election of directors and approval of the Stock Option Plan, no informed person (as such term is defined under applicable securities laws) of the Corporation or Nominee (as defined below) (and each of their associates or affiliates) has had any direct or indirect material interest in any transaction involving the Corporation since January 1, 2019 or in any proposed transaction which has materially affected or would materially affect the Corporation or its subsidiaries other than as disclosed herein.

Financial Statements

The consolidated financial statements for the fiscal year ended December 31, 2019, together with the auditor's report thereon, will be presented to Shareholders for review at the Meeting and were mailed to Shareholders with the Notice of Meeting and this Circular. No vote by the Shareholders is required with respect to this matter.

Appointment of Auditors

Management of the Corporation recommends that Shareholders vote in favour of the appointment of McGovern Hurley LLP, Chartered Accountants, as auditors of the Corporation until the close of the next annual meeting of Shareholders and the authorization of the Board to fix their remuneration. Unless you give other instructions, the persons named in the enclosed form of proxy intend to vote FOR the appointment of McGovern Hurley LLP, Chartered Accountants, and the authorization of the Board to fix their remuneration.

McGovern Hurley LLP, Chartered Accountants, have been the auditors of the Corporation since January 8, 2019.

The following table sets out the audit and audit-related fees billed by the Corporation's auditors for the years ended December 31, 2019 and 2018.

Service	2018	2019
Audit Fees	\$36,720	\$25,500
Audit-Related Fees	Nil	Nil
Tax Fees	Nil	Nil
Other Fees	Nil	Nil
Total:	\$36,720	\$25,500

For additional information about the Corporation's auditors and the Audit Committee, please refer to the section "Audit Committee".

Stock Option Plan

The Corporation's stock option plan (the "**Stock Option Plan**") is designed to advance the interests of the Corporation by encouraging employees, officers and consultants to have equity participation in the Corporation through the acquisition of Common Shares. Accordingly, the Corporation has adopted the Stock Option Plan, a copy of which is attached at Schedule "A" hereto. The following is a summary of the terms of the proposed Stock Option Plan, which is qualified in its entirety by the provisions of the Stock Option Plan.

Pursuant to the Stock Option Plan, the Corporation is authorized to grant stock options of up to 10% of its issued and outstanding Common Shares at the time of the stock option grant, from time to time, with no vesting provisions. As of the date hereof, there is an aggregate of 3,042,500 stock options outstanding under the Stock Option Plan, which represents approximately 2.79% of the outstanding Common Shares.

Directors, officers, employees and certain consultants are eligible to receive stock options under the Stock Option Plan. Upon the termination of an optionholder's engagement with the Corporation, the stock options held by such optionholder will be cancelled 90 days following such optionholder's termination from the Corporation. Stock options granted under the Stock Option Plan are not assignable.

The terms and conditions of each option granted under the Stock Option Plan will be determined by the Board. Options will be priced in the context of the market and in compliance with applicable securities laws and guidelines of the TSX Venture Exchange (the "**Exchange**"). Vesting terms will be determined at the discretion of the Board. The Board shall also determine the term of stock options granted under the Stock Option Plan, provided that no stock option shall be outstanding for a period greater than five years.

The Board believes that except for certain material changes to the Stock Option Plan it is important that the Board has the flexibility to make changes to the Stock Option Plan without shareholder approval, include appropriate adjustments to outstanding options in the event of certain corporate transactions, the addition of provisions requiring forfeiture of options in certain circumstances, specifying practices with respect to applicable tax withholdings and changes to enhance clarity or correct ambiguous provisions.

The Stock Option Plan does not provide for the transformation of stock options granted under the Stock Option Plan into stock appreciation rights involving the issuance of securities from the treasury of the Corporation.

The Corporation will not provide financial assistance to any optionholder to facilitate the exercise of options under the Stock Option Plan.

The Corporation is required to obtain the approval of its Shareholders of any stock option plan that is a "rolling" plan annually at the Corporation's annual meeting of Shareholders. Accordingly, at the Meeting, Shareholders will be asked to approve the following ordinary resolution approving the Stock Option Plan (the "**Stock Option Plan Resolution**"):

"BE IT RESOLVED THAT:

1. the Stock Option Plan of Jourdan Resources Inc. (the "Corporation"), as described in the management information circular of the Corporation dated November 11, 2020, is hereby approved; and
2. any director or officer of the Corporation is hereby authorized to execute (whether under the corporate seal of the Corporation or otherwise) and deliver all such documents and to do all such other acts and things as such director or officer may determine to be necessary or advisable to give effect to the true intent of these resolutions."

In order to pass the Stock Option Plan Resolution, at least a majority of the votes cast by the Shareholders present at the Meeting in person or by proxy must be voted in favour of the Stock Option Plan Resolution. If the Stock Option Plan Resolution does not receive the requisite shareholder approval, the Stock Option Plan will not be implemented.

THE BOARD RECOMMENDS THAT SHAREHOLDERS VOTE IN FAVOUR OF THE APPROVAL OF THE STOCK OPTION PLAN RESOLUTION.

PROXIES RECEIVED IN FAVOUR OF MANAGEMENT WILL BE VOTED FOR THE APPROVAL OF THE STOCK OPTION PLAN RESOLUTION UNLESS A SHAREHOLDER HAS SPECIFIED IN THE PROXY THAT THE COMMON SHARES ARE TO BE VOTED AGAINST SUCH ORDINARY RESOLUTION.

Repeal of Old By-Laws and Ratification of New By-Law No. 1

The Corporation has recently undertaken a review of the old by-laws of the Corporation (the “**Old By-Laws**”), particularly in light of evolving corporate governance best practices, and determined that it would be in the best interests of the Corporation to implement a new by-law no. 1 (the “**New By-Law No. 1**”) in order to incorporate such best practices and implement certain other desirable changes to update the Old By-Laws.

The New By-Law No. 1 is standard in its form and governs all aspects of the business and affairs of the Corporation, such as the establishment of a quorum for meetings of directors and shareholders, the conduct of such meeting, signing authorities, the appointment of officers, the description of the officers’ duties, the establishment of committees of the board of directors, the authority of persons to contract on behalf of the Corporation and similar matters.

A copy of the New By-Law No. 1 is attached hereto as Schedule “C”.

On November 11, 2020, the Board approved the repeal of the Old By-Laws and the adoption of the New By-Law No. 1 (collectively, the “**By-Law Amendments**”). The By-Law Amendments became effective upon being approved by the Board; however, under the *Canada Business Corporations Act*, the Board is required to submit the By-Law Amendments to the Shareholders at the next meeting of the shareholders of the Corporation, at which time the Shareholders may confirm, reject or amend the By-Law Amendments. At the Meeting, Shareholders will be asked to consider and, if deemed advisable, pass, with or without variation, a resolution to confirm, ratify and approve the repeal of the Old Bylaws and to confirm, ratify and approve the New By-Law No. 1 (the “**By-Law No. 1 Resolution**”). If the By-Law No. 1 Resolution is approved by the Shareholders, the By-Law Amendments will continue to be effective. Failing confirmation by the Shareholders at the Meeting, the By-Law Amendments will terminate and be of no further force or effect.

Accordingly, at the Meeting, Shareholders will be asked to approve the following resolution confirming the By-Law Amendments:

“BE IT RESOLVED AS AN ORDINARY RESOLUTION THAT:

1. By-Law No. 1 of Jourdan Resources Inc. (the “**Corporation**”), in the form attached as Schedule “C” to the management information circular of the Corporation dated November 11, 2020, as previously adopted by the board of directors of the Corporation (the “**Board**”) on November 11, 2020, is hereby ratified, approved and confirmed as a by-law of the Corporation;
2. the repeal of all previous by-laws of the Corporation by the Board on November 11, 2020, is hereby ratified, approved and confirmed; and
3. any one or more of the directors or officers of the Corporation is hereby authorized and directed, acting for, in the name of and on behalf of the Corporation, to execute or cause to be executed, under the seal of the Corporation or otherwise, and to deliver or cause to be delivered, such other documents and instruments, and to do or cause to be done all such other acts and things, as may in the opinion of such director or officer of the Corporation be necessary or desirable to carry out the intent of the foregoing resolution, the execution of any such document or the doing of any such other act or thing by any director or officer of the Corporation being conclusive evidence of such determination, provided such actions are carried out within the limit of the law.”

In order to pass the By-Law No. 1 Resolution, at least a majority of the votes cast by the Shareholders present at the Meeting in person or by proxy must be voted in favour of the By-Law No. 1 Resolution.

THE BOARD RECOMMENDS THAT SHAREHOLDERS VOTE IN FAVOUR OF THE BY-LAW NO. 1 RESOLUTION.

PROXIES RECEIVED IN FAVOUR OF MANAGEMENT WILL BE VOTED FOR THE BY-LAW NO. 1 RESOLUTION, UNLESS THE SHAREHOLDER HAS SPECIFIED IN THE PROXY THAT HIS, HER OR ITS COMMON SHARES ARE TO BE VOTED AGAINST SUCH RESOLUTION.

Election of Directors

The Corporation has nominated four persons (the “**Nominees**”) for election as directors of the Corporation, who will hold office until the next annual meeting of the Corporation or until his successor is elected or appointed. At the Meeting, Shareholders will be asked to elect these Nominees as directors of the Corporation. **The persons in the enclosed form of proxy intend to vote for the election of the Nominees. Management does not contemplate that any of the Nominees will be unable to serve as a director.**

Director Profiles

Each of the four nominated directors is profiled below, including his or her background and experience, committee memberships, share ownership and other public company directorships. Three of the four director nominees were elected as directors by the Shareholders at the last annual meeting.

RENE BHARTI **DIRECTOR SINCE FEBRUARY 26, 2018**
TORONTO, ONTARIO

Over a 20-year career, Mr. Bharti has held several key roles in both public and private companies, including those in the resource, technology and entertainment industry. Mr. Bharti co-founded ARHT Media, along with legendary singer Paul Anka, with the aim of creating the world’s most lifelike digital humans to conduct e-commerce in a unique and viable platform. Mr. Bharti holds a Bachelor of Commerce (Honors) from Queen’s University.

Shareholdings: Nil

Other Public Company Boards: Nil

Committee Memberships: Audit Committee

MAXIME LEMIEUX **DIRECTOR SINCE JUNE 25, 2014**
MONTREAL, QUEBEC

Mr. Lemieux, LL.B., LL.L. and MBA, is a lawyer in McMillan LLP’s National Capital Markets and M&A Group, where his practice is focused on securities, corporate finance, and mergers and acquisitions matters. Representing both issuers and investment dealers, Mr. Lemieux has experience in private and public debt and equity offerings. He has also acted as lead counsel in a number of private and public merger and acquisition transactions and corporate reorganization, as well as a variety of negotiated transactions, including reverse take-over, exempt take-over bids and proxy contests. He also sits on the board of several public companies.

Shareholdings: 109,167 Common Shares

Other Public Company Boards: Kintavar Exploration Inc.
GobiMin Inc.

Committee Memberships: Audit Committee

BLAKE HYLANDS **DIRECTOR SINCE JUNE 12, 2018**
BURLINGTON, ONTARIO

Mr. Hylands is a professional geologist with experience in gold, base metals and iron ore in Canada and internationally. He has held technical positions for several junior mining companies, including Coastal Gold from 2010 to 2015, where he developed grassroots mapping and sampling programs, managed large scale drill programs, and helped transition projects from early exploration to resource definition stage. Mr. Hylands holds a B.Sc in Geology from Western University in London, Ontario.

Shareholdings: Nil

Other Public Company Boards: Troilus Gold Corp.
Lucky Minerals Inc.

Committee Memberships: Nil

DR. ANDREAS ROMPEL **DIRECTOR SINCE MAY 21, 2019**
TORONTO, ONTARIO

Dr. Rompel is a seasoned exploration professional with three decades of exploration experience in a wide range of roles from VP Exploration and Project Manager to Country Manager and Corporate Development. Most recently, Dr. Rompel was the President & CEO of Cobalt Power Group. Dr. Rompel has also worked in a variety of commodities, including precious metals and base metals as well as coking coal and cobalt. For more than a decade Dr. Rompel evaluated capital projects within Anglo American and was on the board of Spectrem (an Anglo-American Company) as Technical Director. He has worked in many countries on several continents and has well developed multi-linguistic skills.

Shareholdings: 80,000

Other Public Company Boards: Yukoterre Resources Inc.

Committee Memberships: Audit Committee

Other Information about the Director Nominees

Other than as described below, no proposed director of the Corporation: (a) is at the date hereof, or within ten years prior to the date hereof has been, a director, chief executive officer or chief financial officer of any company (including the Corporation) that, (i) was subject to a cease trade order, an order similar to a cease trade order or an order that denied the relevant company access to any exemption under securities legislation, that was in effect for a period of more than 30 consecutive days, that was issued while the proposed director was acting in the capacity as director, chief executive officer or chief financial officer; or (ii) was subject to a cease trade order, an order similar to a cease trade order or an order that denied the relevant company access to any exemption under securities legislation, that was in effect for a period of more than 30 consecutive days, that was issued after the proposed director ceased to be a director, chief executive officer or chief financial officer and which resulted from an event that occurred while that person was acting in the capacity as director, chief executive officer or chief financial officer; (b) (i) is at the date hereof, or within ten years prior to the date hereof has been, a director or executive officer of any company (including the Corporation) that, while that 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 (ii) has, within ten years prior to the date hereof, become bankrupt, made a proposal under any legislation relating to bankruptcy or insolvency, or become subject to or instituted any proceedings, arrangement or compromise with creditors, or had a receiver, receiver manager or trustee appointed to hold the assets of the proposed director; and (c) (i) any penalties or sanctions imposed by a court relating to securities legislation or by a securities regulatory authority or has entered into a settlement agreement with a securities regulatory authority; or (ii) any other penalties or sanctions imposed by a court or regulatory

body that would likely be considered important to a reasonable shareholder in deciding whether to vote for a proposed director.

Mr. Maxime Lemieux was a director of the Corporation when the Ontario Securities Commission, as principal regulator, the British Columbia Securities Commission, the Alberta Securities Commission and the Autorité des Marchés Financiers (collectively the “**Commissions**”), in accordance with their guidelines, issued on July 15, 3, and 21, 2015, respectively cease trade orders (collectively the “**CTO**”) that prohibited all trading of the securities of the Corporation. The CTO was issued against the Corporation for failure to file its annual financial statements and associated management disclosure and analysis for the period ended December 31, 2014 together with the required CEO and CFO certificate (the “**Outstanding Filings**”). The Outstanding Filings were completed in January 2017 and the CTO issued by the Commissions had been revoked effective February 21, 2017.

CORPORATE GOVERNANCE

The Corporation and the Board recognize the importance of corporate governance in effectively managing the Corporation, protecting employees and Shareholders, and enhancing Shareholder value.

The Board fulfills its mandate directly at regularly scheduled meetings or as required. The directors are kept informed regarding the Corporation’s operations at regular meetings and through reports and discussions with management on matters within their particular areas of expertise. Frequency of meetings may be increased and the nature of the agenda items may be changed depending upon the state of the Corporation’s affairs and in light of opportunities or risks that the Corporation faces.

The Corporation believes that its corporate governance practices are in compliance with applicable Canadian requirements for Exchange-listed issuers. The Corporation is committed to monitoring governance developments to ensure its practices remain current and appropriate. For more information about the Board’s corporate governance practices, please refer to the section “Corporate Governance”.

Ethical Business Conduct

The Board is apprised of the activities of the Corporation and ensures that it conducts such activities in an ethical manner. The Board has not adopted a written code of business conduct and ethics, however, the Board encourages and promotes an overall culture of ethical business conduct by promoting compliance with applicable laws, rules and regulations; providing guidance to consultants, officers and directors to help them recognize and deal with ethical issues; promoting a culture of open communication, honesty and accountability; and ensuring awareness of disciplinary actions for violations of ethical business conduct. In particular, the Board ensures that directors exercise independent judgement in considering transactions and certain activities of the Corporation by holding in-camera sessions of independent directors, when applicable, and by having each director declare his or her interest in a particular transaction and abstaining from voting on such matters, where applicable.

ABOUT THE BOARD

Independence of the Board

The Board is currently comprised of four members; their independence is as follows:

Director	Independent	Not Independent	Reason for Non-Independence
Dr. Andreas Rompel		√	President and Chief Executive Officer of the Corporation
Blake Hylands	√		
Maxime Lemieux	√		
Rene Bharti	√		

To facilitate the functioning of the Board independently of management, the following structures and processes are in place:

- a majority of the directors are not management of the Corporation and are considered independent of the Corporation;
- under the by-laws of the Corporation, any two directors may call a meeting of the Board; and
- the Board practice is to hold in-camera meetings with the independent directors at the end of each Board or committee of the Board meeting to the extent required.

Nomination of Directors

The Board is solely responsible for identifying new candidates for nomination to the Board. The process by which candidates are identified is through recommendations presented to the Board, which establishes and discusses qualifications based on corporate law and regulatory requirements as well as education and experience related to the business of the Corporation.

In view of the size and stage of the Corporation and its operations, the Corporation has not adopted term limits or other mechanisms of board renewal, and does not have a written policy relating to the identification and nomination of directors from any designated group (as such term is defined under the *Employment Standards Act* (Canada)). For the same reasons, the level of representation of such designated groups is not considered when nominating individuals for directors or appointing members of senior management and there are no targets for representation on the Board and among senior management from any of the designated groups.

As of the date hereof, one of the three members (or 33%) of our senior management is a woman. None of the four members of the Board are women, identify as visible minorities, have disabilities or identify as an Aboriginal person.

Compensation

The Compensation Committee (as defined below) is responsible for recommending to the Board the compensation of the directors and Chief Executive Officer of the Corporation. The process for determining executive compensation is relatively informal, in view of the size and stage of the Corporation and its operations. The Corporation does not maintain specific performance goals or use benchmarks in determining the compensation of executive officers. The Board may at its discretion award either a cash bonus or stock options for high achievement or for accomplishments that the Board deems as worthy of recognition.

The Compensation Committee reviews and discusses proposals received by the Chief Executive Officer of the Corporation regarding the compensation of management and the directors. Please refer to the section "Compensation Committee".

Board Assessments

The Board and its individual directors are assessed on an informal basis continually as to their effectiveness and contribution. The Chairman of the Board encourages discussion amongst the Board as to evaluation of the effectiveness of the Board as a whole and of each individual director. All directors are free to make suggestions for improvement of the practice of the Board at any time and are encouraged to do so.

Orientation and Continuing Education

The Board will be responsible for ensuring that new directors are provided with an orientation and education program, which will include written information about the duties and obligations of directors, the

business and operations of the Corporation, documents from recent Board meetings, and opportunities for meetings and discussion with senior management and other directors. Directors are expected to attend all meetings of the Board and are also expected to prepare thoroughly in advance of each meeting in order to actively participate in the deliberations and decisions.

The Board recognizes the importance of ongoing director education and the need for each director to take personal responsibility for this process. The Board notes that it has benefited from the experience and knowledge of individual members of the Board in respect of the evolving governance regime and principles. The Board ensures that all directors are apprised of changes in the Corporation's operations and business.

AUDIT COMMITTEE

The purpose of the audit committee (the "**Audit Committee**") is to assist the Board's oversight of: the integrity of the Corporation's financial statements; the Corporation's compliance with legal and regulatory requirements; the qualifications and independence of the Corporation's independent auditors; and the performance of the independent auditors and the Corporation's internal audit function. Please see Schedule "B" for the Audit Committee Charter.

The Corporation's audit committee is currently comprised of three directors: Dr. Andreas Rompel, Maxime Lemieux and Rene Bharti, each of who is considered independent and financially literate. Please refer to "Director Profiles", commencing on page 9, for the relevant education and experience of each of the members of the Audit Committee.

Audit Committee Oversight

At no time since the commencement of the Corporation's most recently completed financial year has there been a recommendation of the Audit Committee to nominate or compensate an external auditor which was not adopted by the Board.

Reliance on Certain Exemptions

At no time since the commencement of the Corporation's most recently completed financial year has the Corporation relied on either (a) an exemption in section 2.4 of National Instrument 52-110 – *Audit Committees* of the Canadian Securities Administrators (the "**Instrument**"); or (b) an exemption from the Instrument, in whole or in part, granted under Part 8 (*Exemptions*) of the Instrument. As the Corporation is listed solely on the Exchange, it is relying on the exemption provided in section 6.1 of the Instrument with respect to Part 3 (*Composition of the Audit Committee*) and Part 5 (*Reporting Obligations*).

External Auditor

The Audit Committee pre-approves all non-audit services to be provided to the Corporation or its subsidiary entities by the issuer's external auditors.

Please see page 6 for the fees paid to external auditors in 2019 and 2018.

COMPENSATION COMMITTEE

The Corporation has not created a formal compensation committee. The Board in its entirety serves as the compensation committee (the "**Compensation Committee**") and establishes executive and senior officer compensation, the general compensation structure, policies and programs of the Corporation. The Board reviews the adequacy and form of the compensation of directors and ensures that such compensation realistically reflects the responsibilities and risk involved in being an effective director.

OVERSIGHT AND DESCRIPTION OF DIRECTOR AND NAMED EXECUTIVE OFFICER COMPENSATION

Compensation of Directors

The Board determines the compensation payable to the directors of the Corporation and reviews such compensation periodically throughout the year. For their role as directors of the Corporation, each director of the Corporation who is not a Named Executive Officer (as defined herein) may, from time to time, be paid cash fees, awarded stock options under the provisions of the Stock Option Plan and/or receive cash bonuses. There are no other arrangements under which the directors of the Corporation who are not Named Executive Officers were compensated by the Corporation or its subsidiaries during the most recently completed financial year end for their services in their capacity as directors of the Corporation.

Compensation of Named Executive Officers

For the financial year ended December 31, 2019, the objectives of the Corporation's compensation strategy was to ensure that compensation for its Named Executive Officers is sufficiently attractive to recruit, retain and motivate high performing individuals to assist the Corporation in achieving its goals.

The process for determining executive compensation is relatively informal, in view of the size and stage of the Corporation and its operations. Executive officers are involved in the process and make recommendations to the Board, which considers and recommends to the Board for approval the discretionary components (e.g. cash bonuses) of the annual compensation of senior management (other than the Chief Executive Officer). Except as otherwise described below, the Corporation does not maintain specific performance goals or use benchmarks in determining the compensation of executive officers. The Board may at its discretion award either a cash bonus or stock options for high achievement or for accomplishments that the Board deem as worthy of recognition.

Compensation for the Named Executive Officers is composed primarily of three components: base fees, performance bonuses and stock-based compensation. In establishing the levels of base fees, performance bonuses and the award of stock options, the Compensation Committee takes into consideration a variety of factors, including the financial and operating performance of the Corporation, and each Named Executive Officer's individual performance and contribution towards meeting corporate objectives, responsibilities and length of service.

Salary

Amounts paid to executive officers as base salary, including merit salary increases, are determined in accordance with an individual's performance and salaries in the marketplace for comparable positions. However, certain of the Named Executive Officers provide their services in similar capacities to other reporting issuers, in addition to Jourdan. There is no mandatory framework that determines which of these factors may be more or less important and the emphasis placed on any of these factors may vary among the executive officers. The determination of base salaries relies principally on negotiations between the respective Named Executive Officer and the Corporation and is therefore heavily discretionary. There were no material changes to the base compensation of the Named Executive Officers during the financial year ended December 31, 2019.

Bonus

Jourdan's cash bonus awards are designed to reward an executive for the direct contribution which he or she can make to the Corporation. Named Executive Officers are entitled to receive discretionary bonuses from time to time as determined or approved by the Board or the Chief Executive Officer, as applicable. The Corporation does not currently prescribe a set of formal objective measures to determine discretionary bonus entitlements. Rather the Corporation uses informal goals which may include an assessment of an individual's current and expected future performance, level of responsibilities and the

importance of his/her position and contribution to the Corporation. Precise goals or milestones are not pre-set by the Board. The performance-based bonuses paid to the Named Executive Officers during the financial year ended December 31, 2019 are listed in the summary compensation table below.

Indebtedness of Directors and Officers

As at the date of this Circular, and during the financial year ended December 31, 2019, no director or executive officer of the Corporation or Nominee (as defined herein) (and each of their associates and/or affiliates) was indebted, including under any securities purchase or other program, to (i) the Corporation or its subsidiaries, or (ii) any other entity which is, or was at any time during the financial year ended December 31, 2019, the subject of a guarantee, support agreement, letter of credit or other similar arrangement or understanding provided by the Corporation or its subsidiaries.

Directors' and Officers' Insurance and Indemnification

The Corporation maintains insurance for the benefit of its directors and officers against liability in their respective capacities as directors and officers. The Corporation has purchased in respect of directors and officers an aggregate of \$2,000,000 in coverage. The approximate amount of premiums paid by the Corporation during the financial year ended December 31, 2019 in respect of such insurance was \$5,800.

The Corporation has not, as yet, adopted a policy restricting its Named Executive Officers or directors from purchasing instruments, including, for greater certainty, prepaid variable forward contracts, equity swaps, collars, or units of exchange funds, that are designated to hedge or offset a decrease in market value of equity securities granted as compensation or held, directly or indirectly, by the Named Executive Officers or directors.

In light of the Corporation's size, the Board does not deem it necessary to consider at this time the implications of the risks associated with its compensation policies and practices.

Summary Compensation Table

The following table summarizes the compensation paid during the two most recently completed financial years in respect of the individuals who were carrying out the role of the Chief Executive Officer ("CEO") of the Corporation and Chief Financial Officer ("CFO") of the Corporation (collectively, the "**Named Executive Officers**") and each of the directors of the Corporation. The CEO and CFO are the only Named Executive Officers of the Corporation as the Corporation does not employ any other individuals whose total compensation is greater than \$150,000.

TABLE OF COMPENSATION EXCLUDING COMPENSATION SECURITIES

Name and position	Year	Salary, consulting fee, retainer or commission (\$)	Bonus (\$)	Committee or meeting fees (\$)	Value of perquisites (\$)	Value of all other compensation (\$)	Total compensation (\$)
Dr. Andreas Rompel, President, Chief Executive Officer and Director ⁽¹⁾⁽⁴⁾	2019	37,500	Nil	Nil	Nil	Nil	37,500
	2018	Nil	Nil	Nil	Nil	Nil	Nil
Maxime Lemieux, Director	2019	Nil	Nil	Nil	Nil	Nil	Nil
	2018	Nil	Nil	Nil	Nil	Nil	Nil
Rene Bharti, Director ⁽⁸⁾	2019	50,000	Nil	Nil	Nil	Nil	50,000
	2018	40,000	Nil	Nil	Nil	Nil	40,000
Blake Hylands, Director	2019	Nil	Nil	Nil	Nil	Nil	Nil

	2018	Nil	Nil	Nil	Nil	Nil	Nil
Michael Dehn, Former President and Chief Executive Officer and Former Director ⁽²⁾⁽⁶⁾	2019	144,000	Nil	Nil	Nil	Nil	Nil
	2018	144,000	Nil	Nil	Nil	Nil	Nil
Fred Leigh, Former President and Chief Executive Officer and Former Director ⁽⁴⁾⁽⁶⁾	2019	N/A	N/A	N/A	N/A	N/A	N/A
	2018	Nil	Nil	Nil	Nil	Nil	Nil
Deborah Battiston, Chief Financial Officer ⁽³⁾	2019	10,000	Nil	Nil	Nil	Nil	10,000
	2018	Nil	Nil	Nil	Nil	Nil	Nil
Stephen Woodhead, Former Chief Financial Officer ⁽³⁾⁽⁵⁾	2019	40,000	Nil	Nil	Nil	Nil	Nil
	2018	5,000	Nil	Nil	Nil	Nil	5,000
John Ryan, Former Chief Financial Officer ⁽⁵⁾	2019	N/A	N/A	N/A	N/A	N/A	N/A
	2018	25,000	Nil	Nil	Nil	Nil	Nil
Harvey McKenzie, Former Director ⁽⁷⁾	2019	N/A	N/A	N/A	N/A	N/A	N/A
	2018	Nil	Nil	Nil	Nil	Nil	Nil

Notes:

- (1) Compensation has been paid as consulting fees under the independent contractor agreement with the Named Executive Officer as described under the heading "Employment, Consulting and Management Agreements".
- (2) Mr. Dehn resigned as a director of the Corporation effective April 24, 2020.
- (3) Mr. Woodhead resigned as the CFO of the Corporation effective May 31, 2019 and was replaced by Ms. Battiston.
- (4) Mr. Leigh resigned as the Corporation's President and Chief Executive Officer on December 14, 2018 and was replaced by Mr. Rompel.
- (5) Mr. Ryan resigned as the Corporation's Chief Financial Officer on December 14, 2018 and was replaced by Mr. Woodhead.
- (6) Mr. Dehn resigned as the Corporation's President and Chief Executive Officer on August 2, 2018 and was replaced by Mr. Leigh.
- (7) Mr. McKenzie resigned as a director of the Corporation effective January 17, 2018.
- (8) Mr. Bharti was appointed as a director of the Corporation on February 26, 2018.

Stock Options and Other Compensation Securities

The following table sets out all compensation securities granted or issued to each Named Executive Officer and director by the Corporation for services provided or to be provided, directly or indirectly, to the Corporation in the most recently completed financial year.

Name and position	Type of compensation security	Compensation Securities					Expiry Date
		Number of compensation securities, number of underlying securities, and percentage of class	Date of issue or grant	Issue, conversion or exercise price (\$)	Closing price of security or underlying security on date of grant (\$)	Closing price of security or underlying security at year end (\$)	
Dr. Andreas Rompel, President, Chief Executive Officer and Director ⁽¹⁾	Nil	N/A	N/A	N/A	N/A	N/A	N/A
Maxime Lemieux, Director ⁽²⁾	Nil	N/A	N/A	N/A	N/A	N/A	N/A
Rene Bharti, Director ⁽³⁾	Nil	N/A	N/A	N/A	N/A	N/A	N/A
Blake Hylands,	Nil	N/A	N/A	N/A	N/A	N/A	N/A

Director ⁽⁴⁾							
Fred Leigh, Former President and Chief Executive Officer and Former Director ⁽⁵⁾	Nil	N/A	N/A	N/A	N/A	N/A	N/A
Deborah Battiston, Chief Financial Officer ⁽⁶⁾	Nil	N/A	N/A	N/A	N/A	N/A	N/A

Notes:

- (1) As at December 31, 2019, Mr. Rompel held 300,000 stock options with an exercise price of \$0.05 expiring on December 14, 2021.
- (2) As at December 31, 2019, Mr. Lemieux held 5,000 stock options with an exercise price of \$0.90 expiring on October 15, 2024, 350,000 stock options with an exercise price of \$0.17 expiring on May 31, 2022 and 450,000 stock options with an exercise price of \$0.08 expiring on June 13, 2023.
- (3) As at December 31, 2019, Mr. Bharti held 450,000 stock options with an exercise price of \$0.08 expiring on June 13, 2023.
- (4) As at December 31, 2019, Mr. Hylands held 350,000 stock options with an exercise price of \$0.08 expiring on June 13, 2023.
- (5) As at December 31, 2019, Mr. Leigh held 200,000 stock options with an exercise price of \$0.08 expiring on June 13, 2023.
- (6) As at December 31, 2019, Ms. Battiston held 60,000 stock options with an exercise price of \$0.05 expiring on December 14, 2021.

Exercise of Stock Options

No Named Executive Officer or director of the Corporation exercised stock options or compensation securities in the most recently completed financial year.

Stock Option Plans and Other Incentive Plans

Options are granted pursuant to the Stock Option Plan and in accordance with the rules of the Exchange. The Stock Option Plan is administered by the Board. See above under the section “Business of the Meeting – Stock Option Plan.”

The table below sets out the outstanding options under the Stock Option Plan, being the Corporation’s only compensation plan under which Common Shares are authorized for issuance, as of December 31, 2019.

	Number of securities to be issued upon exercise of outstanding options	Weighted-average exercise price of outstanding options	Number of securities remaining available under equity compensation plans (excluding securities reflected in column (a)) as of December 31, 2019
Plan Category	(a)	(b)	(c)
Equity compensation plans approved by security holders	4,272,500	\$0.11	1,614,811
Equity compensation plans not approved by security holders	N/A	N/A	N/A
TOTAL	4,272,500	\$0.11	1,614,811

Employment, Consulting and Management Agreements

The following describes the respective consulting and employment agreements entered into by the Corporation and its Named Executive Officers as of the date hereof.

Name	Monthly Fees	Severance on Termination	Severance on Change of Control ⁽¹⁾
Dr. Andreas Rompel, President and Chief Executive Officer and Director ⁽²⁾	5,556	6 months fees	12 months fees
Deborah Battiston, Chief Financial Officer ⁽³⁾	N/A	N/A	N/A

(1) Severance upon a change of control becomes payable in the event of a Change of Control of the Corporation and within one year following the date of the Change of Control the Corporation or the officer elects to terminate the agreement.

(2) Dr. Rompel is compensated through ADAR Consulting Corp. that entered into a consulting agreement on January 1, 2019, which continues on a month to month basis, subject to the termination provisions of such agreement.

(3) As of the date hereof, Ms. Battiston has not entered into an employment or consulting agreement with the Corporation.

For the purpose of the table set forth above, "Change in Control" is defined as: the acquisition by any person (person being defined as an individual, a corporation, a partnership, an unincorporated association or organization, a trust, a government or department or agency thereof and the heirs, executors, administrators or other legal representatives of an individual and an associate or affiliate of any thereof as such terms are defined in the Canada Business Corporations Act) of: (1) shares or rights or options to acquire shares of the Company or securities which are convertible into shares of the Company or any combination thereof such that after the completion of such acquisition such person would be entitled to exercise 30% or more of the votes entitled to be cast at a meeting of the shareholders of the Company; (2) shares or rights or options to acquire shares, or their equivalent, of any material subsidiary of the Company or securities which are convertible into shares of the material subsidiary or any combination thereof such that after the completion of such acquisition such person would be entitled to exercise 30% or more of the votes entitled to be cast a meeting of the shareholders of the material subsidiary; or (3) more than 50% of the material assets of the Company, including the acquisition of more than 50% of the material assets of any material subsidiary of the Company.

Summary of Termination Payments

The estimated incremental payments, payables and benefits that might be paid to the NEOs pursuant to the above noted agreements in the event of termination without cause or after a Change in Control (assuming such termination or Change in Control is effective as of December 31, 2019) are detailed below:

Named Executive Officer	Termination not for Cause (\$)	Termination on a Change of Control (\$)
Dr. Andreas Rompel		
Salary and Quantified Benefits	33,333	66,667
Bonus	N/A	N/A
Total	33,333	66,667
Deb Battiston		
Salary and Quantified Benefits	N/A	N/A
Bonus	N/A	N/A

Named Executive Officer	Termination not for Cause (\$)	Termination on a Change of Control (\$)
Total	N/A	N/A

Interest of Informed Persons in Material Transactions

Other than as disclosed herein, no person who has been a director or executive officer of the Corporation, nor any proposed nominee for director of the Corporation, nor any person or company who beneficially owns, directly or indirectly, or who exercises control or direction over (or a combination of both) more than 10% of the issued and outstanding Common Shares, nor any associate or affiliate of those persons, has any material interest, direct or indirect, by way of beneficial ownership of securities or otherwise, in any transaction since the beginning of the Corporation's last completed financial year or proposed transaction which has materially affected or would materially affect the Corporation or its subsidiaries.

ADDITIONAL INFORMATION AND CONTACT INFORMATION

Additional information relating to the Corporation may be found under the profile of the Corporation on SEDAR at www.sedar.com. Additional financial information is provided in the Corporation's audited financial statements and related management's discussion and analysis for the financial year ended December 31, 2019, which can be found under the profile of the Corporation on SEDAR. Shareholders may also request these documents from the Corporate Secretary of the Corporation by email at aaron.atin@fmresources.ca or by telephone at (416) 861-5888.

Board of Directors Approval

The contents of this Circular and the sending thereof to the shareholders of the Corporation have been approved by the Board.

BY ORDER OF THE BOARD OF DIRECTORS

“Dr. Andreas Rompel”

President and Chief Executive Officer

Toronto, Ontario
November 11, 2020

SCHEDULE "A"

JOURDAN RESOURCES INC. (the "Corporation")

STOCK OPTION PLAN

1. STATEMENT OF PURPOSE

1.1 **Principal Purposes** – The principal purposes of the Plan are to provide the Corporation with the advantages of the incentive inherent in share ownership on the part of employees, officers, directors and consultants responsible for the continued success of the Corporation; to create in such individuals a proprietary interest in, and a greater concern for, the welfare and success of the Corporation; to encourage such individuals to remain with the Corporation; and to attract new employees, officers, directors and consultants to the Corporation.

1.2 **Benefit to Shareholders** – The Plan is expected to benefit shareholders by enabling the Corporation to attract and retain skilled and motivated personnel by offering such personnel an opportunity to share in any increase in value of the Shares resulting from their efforts.

2. INTERPRETATION

2.1 **Defined Terms** – For the purposes of this Plan, the following terms shall have the following meanings:

- (a) **"Act"** means the *Securities Act* (Ontario), as amended from time to time;
- (b) **"Associate"** shall have the meaning ascribed to such term in the Act;
- (c) **"Board"** means the Board of Directors of the Corporation;
- (d) **"Change in Control"** means:
 - (i) a takeover bid (as defined in the Act), which is successful in acquiring Shares,
 - (ii) the change of control of the Board resulting from the election by the members of the Corporation of less than a majority of the persons nominated for election by management of the Corporation,
 - (iii) the sale of all or substantially all the assets of the Corporation,
 - (iv) the sale, exchange or other disposition of a majority of the outstanding Shares in a single transaction or series of related transactions,
 - (v) the dissolution of the Corporation's business or the liquidation of its assets,
 - (vi) a merger, amalgamation or arrangement of the Corporation in a transaction or series of transactions in which the Corporation's shareholders receive less than 51% of the outstanding shares of the new or continuing corporation, or
 - (vii) the acquisition, directly or indirectly, through one transaction or a series of transactions, by any Person, of an aggregate of more than 50% of the outstanding Shares;

- (e) **“Committee”** means a committee of the Board appointed in accordance with this Plan, or if no such committee is appointed, the Board itself;
- (f) **“Corporation”** means Jourdan Resources Inc., a company incorporated under the *Canada Business Corporations Act*;
- (g) **“Consultant”** means an individual, other than an Employee, senior officer or director of the Corporation or a Subsidiary Corporation, or a Consultant Corporation, who:
 - (i) provides ongoing consulting, technical, management or other services to the Corporation or a Subsidiary Corporation, other than services provided in relation to a distribution of the Corporation’s securities,
 - (ii) provides the services under a written contract between the Corporation or a Subsidiary Corporation and the individual or Consultant Corporation,
 - (iii) in the reasonable opinion of the Corporation spends or will spend a significant amount of time and attention on the affairs and business of the Corporation or a Subsidiary Corporation, and
 - (iv) has a relationship with the Corporation or a Subsidiary Corporation that enables the individual or Consultant Corporation to be knowledgeable about the business and affairs of the Corporation;
- (h) **“Consultant Corporation”** means, for an individual Consultant, a company of which the individual is an employee or shareholder, or a partnership of which the individual is an employee or partner;
- (i) **“Date of Grant”** means the date specified in the Option Agreement as the date on which the Option is effectively granted;
- (j) **“Disability”** means any disability with respect to an Optionee which the Board, in its sole and unfettered discretion, considers likely to prevent permanently the Optionee from:
 - (i) being employed or engaged by the Corporation, a Subsidiary Corporation or another employer, in a position the same as or similar to that in which he was last employed or engaged by the Corporation or a Subsidiary Corporation; or
 - (ii) acting as a director or officer of the Corporation or a Subsidiary Corporation;
- (k) **“Disinterested Shareholder Approval”** means an ordinary resolution approved by a majority of the votes cast by members of the Corporation at a shareholders’ meeting, excluding votes attaching to Shares beneficially owned by Insiders to whom Options may be granted and Associates of those persons;
- (l) **“Effective Date”** means the effective date of this Plan, which is the later of the day of its approval by the shareholders of the Corporation and the day of its acceptance for filing by the Exchange if such acceptance for filing is required under the rules or policies of the Exchange;
- (m) **“Eligible Person”** means:
 - (i) an Employee, senior officer or director of the Corporation or any Subsidiary Corporation,
 - (ii) a Consultant,

- (iii) an individual providing Investor Relations Activities for the Corporation; and
 - (iv) a company, all of the voting securities of which are beneficially owned by one or more of the persons referred to in (i), (ii) or (iii) above;
- (n) **“Employee”** means:
- (i) an individual who is considered an employee under the *Income Tax Act* (Canada) (i.e. for whom income tax, employment insurance and CPP deductions must be made at source),
 - (ii) an individual who works full-time for the Corporation or a Subsidiary Corporation providing services normally provided by an employee and who is subject to the same control and direction by the Corporation or a Subsidiary Corporation over the details and methods of work as an employee of the Corporation or a Subsidiary Corporation, but for whom income tax deductions are not made at source,
 - (iii) an individual who works for the Corporation or a Subsidiary Corporation, on a continuing and regular basis for a minimum amount of time per week, providing services normally provided by an employee and who is subject to the same control and direction by the Corporation or a Subsidiary Corporation over the details and methods of work as an employee of the Corporation or a Subsidiary Corporation, but for whom income tax deductions are not made at source;
- (o) **“Exchange”** means the stock exchange or over the counter market on which the Shares are listed;
- (p) **“Exchange Act”** means the United States *Securities Exchange Act* of 1934, as amended;
- (q) **“Fair Market Value”** means, where the Shares are listed for trading on an Exchange, the last closing price of the Shares before the Date of Grant on the Exchange which is the principal trading market for the Shares, as may be determined for such purpose by the Committee, provided that, so long as the Shares are listed only on the TSXVE, the “Fair Market Value” shall not be lower than the last closing price of the Shares on the TSXVE before the Date of Grant;
- (r) **“Guardian”** means the guardian, if any, appointed for an Optionee;
- (s) **“Insider”** shall have the meaning ascribed to such term in the Act;
- (t) **“Investor Relations Activities”** means any activities or oral or written communications, by or on behalf of the Corporation or a shareholder of the Corporation that promote or reasonably could be expected to promote the purchase or sale of securities of the Corporation, but does not include:
- (i) the dissemination of information provided, or records prepared, in the ordinary course of business of the Corporation
 - (A) to promote the sale of products or services of the Corporation, or
 - (B) to raise public awareness of the Corporation,
 that cannot reasonably be considered to promote the purchase or sale of securities of the Corporation,

- (ii) activities or communications necessary to comply with the requirements of
 - (A) applicable securities laws,
 - (B) the rules and policies of the TSXVE, if the Shares are listed only on the TSXVE, or the by-laws, rules or other regulatory instruments of any other self-regulatory body or exchange having jurisdiction over the Corporation,
- (iii) communications by a publisher of, or writer for, a newspaper, magazine or business or financial publication, that is of general and regular paid circulation, distributed only to subscribers to it for value or to purchasers of it, if
 - (A) the communication is only through the newspaper, magazine or publication and
 - (B) the publisher or writer receives no commission or other consideration other than for acting in the capacity of publisher or writer, or
- (iv) activities or communications that may be otherwise specified by the TSXVE, if the Shares are listed only on the TSXVE;
- (u) **“Option”** means an option to purchase unissued Shares granted pursuant to the terms of this Plan;
- (v) **“Option Agreement”** means a written agreement between the Corporation and an Optionee specifying the terms of the Option being granted to the Optionee under the Plan;
- (w) **“Option Price”** means the exercise price per Share specified in an Option Agreement, adjusted from time to time in accordance with the provisions of Sections 6.3 and 10;
- (x) **“Optionee”** means an Eligible Person to whom an Option has been granted;
- (y) **“Person”** means a natural person, company, government or political subdivision or agency of a government; and where two or more Persons act as a partnership, limited partnership, syndicate or other group for the purpose of acquiring, holding or disposing of securities of an issuer, such syndicate or group shall be deemed to be a Person;
- (z) **“Plan”** means this Stock Option Plan of the Corporation;
- (aa) **“Qualified Successor”** means a person who is entitled to ownership of an Option upon the death of an Optionee, pursuant to a will or the applicable laws of descent and distribution upon death;
- (bb) **“Shares”** means the common shares in the capital of the Corporation as constituted on the Date of Grant, adjusted from time to time in accordance with the provisions of Section 10;
- (cc) **“Shareholder Approval”** means an ordinary resolution approved by a majority of the votes cast by members of the Corporation at a shareholders’ meeting;
- (dd) **“Subsidiary Corporation”** shall mean a company which is a subsidiary of the Corporation;

- (ee) “**Term**” means the period of time during which an Option may be exercised; and
- (ff) “**TSXVE**” means the TSX Venture Exchange.

3. ADMINISTRATION

3.1 **Board or Committee** – The Plan shall be administered by the Board or by a Committee appointed in accordance with Section 3.2.

3.2 **Appointment of Committee** – The Board may at any time appoint a Committee, consisting of not less than three of its members, to administer the Plan on behalf of the Board in accordance with such terms and conditions as the Board may prescribe, consistent with this Plan. Once appointed, the Committee shall continue to serve until otherwise directed by the Board. From time to time, the Board may increase the size of the Committee and appoint additional members, remove members (with or without cause) and appoint new members in their place, fill vacancies however caused, or remove all members of the Committee and thereafter directly administer the Plan. In the absence of the appointment of a Committee by the Board, the Board shall administer the Plan.

3.3 **Quorum and Voting** – A majority of the members of the Committee shall constitute a quorum, and, subject to the limitations in this Section 3, all actions of the Committee shall require the affirmative vote of members who constitute a majority of such quorum. No member of the Committee who is a director to whom an Option may be granted may participate in the decision to grant such Option (but any such member may be counted in determining the existence of a quorum at any meeting of the Committee in which action is to be taken with respect to the granting of an Option to him).

3.4 **Powers of Board and Committee** – The Board shall from time to time authorize and approve the grant by the Corporation of Options under this Plan, and any Committee appointed under Section 3.2 shall have the authority to review the following matters in relation to the Plan and to make recommendations thereon to the Board;

- (a) administration of the Plan in accordance with its terms,
- (b) determination of all questions arising in connection with the administration, interpretation and application of the Plan, including all questions relating to the value of the Shares,
- (c) correction of any defect, supply of any information or reconciliation of any inconsistency in the Plan in such manner and to such extent as shall be deemed necessary or advisable to carry out the purposes of the Plan,
- (d) prescription, amendment and rescission of the rules and regulations relating to the administration of the Plan;
- (e) determination of the duration and purpose of leaves of absence from employment which may be granted to Optionees without constituting a termination of employment for purposes of the Plan,
- (f) with respect to the granting of Options:
 - (i) determination of the Employees, officers, directors or Consultants to whom Options will be granted, based on the eligibility criteria set out in this Plan,
 - (ii) determination of the terms and provisions of the Option Agreement which shall be entered into with each Optionee (which need not be identical with the terms of any other Option Agreement) and which shall not be inconsistent with the terms of this Plan,

- (iii) amendment of the terms and provisions of an Option Agreement, provided the Board obtains:
 - (A) the consent of the Optionee, and
 - (B) if required, the approval of any stock exchange on which the Shares are listed,
- (iv) determination of when Options will be granted,
- (v) determination of the number of Shares subject to each Option,
- (vi) determination of the vesting schedule, if any, for the exercise of each Option, and
- (g) other determinations necessary or advisable for administration of the Plan.

3.5 **Obtain Approvals** – The Board will seek to obtain any regulatory, Exchange or shareholder approvals which may be required pursuant to applicable securities laws or Exchange rules.

3.6 **Administration by Committee** – The Committee shall have all powers necessary or appropriate to accomplish its duties under this Plan. In addition, the Committee's administration of the Plan shall in all respects be consistent with the Exchange policies and rules.

4. **ELIGIBILITY**

4.1 **Eligibility for Options** – Options may be granted to any Eligible Person.

4.2 **Insider Eligibility for Options** – Notwithstanding Section 4.1, if the Shares are listed only on the TSXVE, grants of Options to Insiders shall be subject to the policies of the TSXVE.

4.3 **No Violation of Securities Laws** – No Option shall be granted to any Optionee unless the Committee has determined that the grant of such Option and the exercise thereof by the Optionee will not violate the securities law of the jurisdiction in which the Optionee resides.

5. **SHARES SUBJECT TO THE PLAN**

5.1 **Number of Shares** – The maximum number of Shares issuable from time to time under the Plan is that number of Shares as is equal to 10% of the number of issued Shares at the Date of Grant of an Option. The maximum number of Shares issuable under the Plan shall be adjusted, where necessary, to take account of the events referred to in Section 10.

5.2 **Expiry of Option** – If an Option expires or terminates for any reason without having been exercised in full, the unpurchased Shares subject thereto shall again be available for the purposes of the Plan.

5.3 **Reservation of Shares** – The Corporation will at all times reserve for issuance and keep available such number of Shares as shall be sufficient to satisfy the requirements of the Plan.

6. **OPTION TERMS**

6.1 **Option Agreement** – Each Option granted to an Optionee shall be confirmed by the execution and delivery of an Option Agreement and the Board shall specify the following terms in each such Option Agreement:

- (a) the number of Shares subject to option pursuant to such Option, subject to the following limitations if the Shares are listed only on the TSXVE:

- (i) the number of Shares reserved for issuance pursuant to Options to any one Optionee shall not exceed 5% of the issued Shares in any 12-month period (unless the Corporation is designated as a “Tier 1” listed company by the TSXVE and has obtained Disinterested Shareholder Approval to exceed this number),
 - (ii) the number of Shares reserved for issuance pursuant to Options to any one Consultant shall not exceed 2% of the issued Shares in any 12-month period,
 - (iii) the aggregate number of Shares reserved for issuance pursuant to Options to Employees and those individuals conducting Investor Relations Activities shall not exceed 2% of the issued Shares in any 12-month period;
 - (iv) the aggregate number of Shares reserved for issuance pursuant to Options to Insiders (as a group), at any time, under this Plan and any other security-based compensation arrangement, shall not exceed 10% of the issued Shares; and
 - (v) the aggregate number of Shares reserved for issuance pursuant to Options to Insiders (as a group), within any 12-month period, under this Plan and any other security-based compensation arrangement, shall not exceed 10% of the issued Shares at the Date of Grant of an Option to any Insider;
- (b) the Date of Grant;
 - (c) the Term, provided that, if the Shares are listed only on the TSXVE, the length of the Term shall in no event be greater than five years following the Date of Grant, except, if the Corporation is designated as “Tier 1” listed company by the TSXVE, then the Term shall be no greater than ten years following the Date of Grant, for all Optionees;
 - (d) the Option Price, provided that the Option Price shall not be less than the Fair Market Value of the Shares on the Date of Grant;
 - (e) subject to Section 6.2 below, any vesting schedule upon which the exercise of an Option is contingent;
 - (f) if the Optionee is an Employee, Consultant or an individual providing Investor Relations Activities for the Corporation, a representation by the Corporation and the Optionee that the Optionee is a bona fide Employee, Consultant or an individual providing Investor Relations Activities for the Corporation, as the case may be, of the Corporation or a Subsidiary Corporation; and
 - (g) such other terms and conditions as the Board deems advisable and are consistent with the purposes of this Plan.

6.2 **Vesting Schedule** – The Board, as applicable, shall have complete discretion to set the terms of any vesting schedule of each Option granted, including, without limitation, discretion to:

- (a) permit partial vesting in stated percentage amounts based on the Term of such Option; and
- (b) permit full vesting after a stated period of time has passed from the Date of Grant.

6.3 **Amendments to Options** – Amendments to the terms of previously granted Options are subject to regulatory approval, if required. Disinterested Shareholder Approval shall be required for any reduction in the Option Price of a previously granted Option.

6.4 **Uniformity** – Except as expressly provided herein, nothing contained in this Plan shall require that the terms and conditions of Options granted under the Plan be uniform.

7. EXERCISE OF OPTION

7.1 **Method of Exercise** – Subject to any limitations or conditions imposed upon an Optionee pursuant to the Option Agreement or Section 6 hereof, an Optionee may exercise an Option by giving written notice thereof, specifying the number of Shares in respect of which the Option is exercised, to the Corporation at its principal place of business at any time after the Date of Grant until 4:00 p.m. (Toronto time) on the last day of the Term, such notice to be accompanied by full payment of the aggregate Option Price to the extent the Option is so exercised and an indication as to suitable arrangements made with the Corporation, in accordance with Section 15.7, for the receipt by the Corporation of an amount sufficient to satisfy any withholding tax requirements under applicable tax legislation in respect of the exercise of an Option (the "**Withholding Obligations**"). Such amounts shall be in lawful money (Canadian funds) by cash, cheque, bank draft or wire transfer. Payment by cheque made payable to the Corporation in the amount of the aggregate Option Price shall constitute payment of such Option Price unless the cheque is not honoured upon presentation, in which case the Option shall not have been validly exercised.

7.2 **Issuance of Certificates** – Not later than the third business day after exercise of an Option in accordance with Section 7.1, the Corporation shall issue and deliver to the Optionee a certificate or certificates evidencing the Shares with respect to which the Option has been exercised. Until the issuance of such certificate or certificates, no right to vote or receive dividends or any other rights as a shareholder shall exist with respect to such Shares, notwithstanding the exercise of the Option. No adjustment will be made for a dividend or other right for which the record date is prior to the date the certificate is issued, except as provided by Section 10 hereof.

7.3 **Compliance with U.S. Securities Laws** – As a condition to the exercise of an Option, the Board may require the Optionee to represent and warrant in writing at the time of such exercise that the Shares are being purchased only for investment and without any then-present intention to sell or distribute such Shares. At the option of the Board, a stop-transfer order against such Shares may be placed on the stock books and records of the Corporation and a legend, indicating that the stock may not be pledged, sold or otherwise transferred unless an opinion of counsel is provided stating that such transfer is not in violation of any applicable law or regulation, may be stamped on the certificates representing such Shares in order to assure an exemption from registration. The Board may also require such other documentation as may from time to time be necessary to comply with United States' federal and state securities laws. The Corporation has no obligation to undertake registration of Options or the Shares issuable upon the exercise of the Options.

8. TRANSFERABILITY OF OPTIONS

8.1 **Non-Transferable/Legending** – Except as permitted by applicable securities laws and the policies of the Exchange, and as provided otherwise in this Section 8, Options are non-assignable and non-transferable. If the Shares are listed only on the TSXVE, then, in addition to any resale restrictions under applicable securities laws, if the Corporation is, at the Date of Grant of an Option, designated as a "Tier 2" listed company by the TSXVE or, if the Corporation is not so designated but the Option Price is based on a discount from the last closing price of the Shares on the TSXVE, the Option Agreement and the certificates representing the Shares issued on the exercise of such Option shall bear the TSXVE legend with a four-month hold period commencing on the Date of Grant.

8.2 **Death of Optionee** – Subject to Section 8.3, if the employment of an Optionee as an Employee of, or the services of a Consultant providing services to, the Corporation or any Subsidiary Corporation, or the employment of an Optionee as an individual providing Investor Relations Activities, or the position of the Optionee as a director or senior officer of the Corporation or any Subsidiary Corporation, terminates as a result of such Optionee's death, any Options held by such Optionee shall pass to the Qualified

Successor of the Optionee and shall be exercisable by such Qualified Successor until the earlier of a period of not more than one year following the date of such death and the expiry of the Term of the Option.

8.3 **Disability of Optionee** – If the employment of an Optionee as an Employee of, or the services of a Consultant providing services to, the Corporation or any Subsidiary Corporation, or the employment of an Optionee as an individual providing Investor Relations Activities for the Corporation, or the position of the Optionee as a director or senior officer of the Corporation or any Subsidiary Corporation, is terminated by reason of such Optionee's Disability, any Options held by such Optionee that could have been exercised immediately prior to such termination of employment or service shall be exercisable by such Optionee, or by his Guardian, for a period of not more than one year following the date of such following the termination of employment or service of such Optionee. If such Optionee dies within that period of not more than one year, any Option held by such Optionee that could have been exercised immediately prior to his or her death shall pass to the Qualified Successor of such Optionee, and shall be exercisable by the Qualified Successor until the earlier of a period of not more than one year following the death of such Optionee and the expiry of the Term of the Option.

8.4 **Vesting** – Options held by a Qualified Successor or exercisable by a Guardian shall, during the period prior to their termination, continue to vest in accordance with any vesting schedule to which such Options are subject.

8.5 **Deemed Non-Interruption of Employment** – Employment shall be deemed to continue intact during any military or sick leave or other bona fide leave of absence if the period of such leave does not exceed 90 days or, if longer, for so long as the Optionee's right to reemployment with the Corporation or any Subsidiary Corporation is guaranteed either by statute or by contract. If the period of such leave exceeds 90 days and the Optionee's reemployment is not so guaranteed, then the Optionee's employment shall be deemed to have terminated on the ninety-first day of such leave.

9. **TERMINATION OF OPTIONS**

9.1 **Termination of Options** – To the extent not earlier exercised or terminated in accordance with Section 8, an Option shall terminate at the earliest of the following dates:

- (a) the termination date specified for such Option in the Option Agreement;
- (b) where the Optionee's position as an Employee, a Consultant, a director or a senior officer of the Corporation or any Subsidiary Corporation, or an individual providing Investor Relations Activities for the Corporation, is terminated for cause, the date of such termination for cause;
- (c) where the Optionee's position as an Employee, a Consultant, a director or a senior officer of the Corporation or any Subsidiary Corporation or an individual providing Investor Relations Activities for the Corporation terminates for a reason other than the Optionee's Disability or death or for cause, not more than 90 days after such date of termination or, if the Shares are listed only on the TSXVE and if the Corporation is designated as a "Tier 2" listed company by the TSXVE, then in the case of a person employed to provide Investor Relations Activities, not more than 30 days after such person ceases to be employed to provide Investor Relations Activities; PROVIDED that if an Optionee's position changes from one of the said categories to another category, such change shall not constitute termination or cessation for the purpose of this Subsection 9.1(c); and
- (d) the date of any sale, transfer, assignment or hypothecation, or any attempted sale, transfer, assignment or hypothecation, of such Option in violation of Section 8.1.

9.2 **Lapsed Options** – If Options are surrendered, terminate or expire without being exercised in whole or in part, new Options may be granted covering the Shares not purchased under such lapsed

Options. If an Option has been surrendered in connection with the regranting of a new Option to the same Optionee on different terms than the original Option granted to such Optionee, then, if required, the new Option is subject to approval of the Exchange.

9.3 Exclusion From Severance Allowance, Retirement Allowance or Termination Settlement –

If the Optionee retires, resigns or is terminated from employment or engagement with the Corporation or any Subsidiary Corporation, the loss or limitation, if any, pursuant to the Option Agreement with respect to the right to purchase Option Shares which were not vested at that time or which, if vested, were cancelled, shall not give rise to any right to damages and shall not be included in the calculation of nor form any part of any severance allowance, retiring allowance or termination settlement of any kind whatsoever in respect of such Optionee.

10. ADJUSTMENTS TO OPTIONS

10.1 Alteration in Capital Structure – If there is any change in the Shares through or by means of a declaration of stock dividends of the Shares or consolidations, subdivisions or reclassifications of the Shares, or otherwise, the number of Shares available under the Plan, the Shares subject to any Option and the Option Price therefor shall be adjusted proportionately by the Board and, if required, approved by the Exchange, and such adjustment shall be effective and binding for all purposes of the Plan.

10.2 Effect of Amalgamation, Merger or Arrangement – If the Corporation amalgamates, merges or enters into a plan of arrangement with or into another corporation, any Shares receivable on the exercise of an Option shall be converted into the securities, property or cash which the Optionee would have received upon such amalgamation, merger or arrangement if the Optionee had exercised the Option immediately prior to the record date applicable to such amalgamation, merger or arrangement, and the exercise price shall be adjusted proportionately by the Board and such adjustment shall be binding for all purposes of the Plan.

10.3 Acceleration on Change in Control – Upon a Change in Control, all Options shall become immediately exercisable, notwithstanding any contingent vesting provisions to which such Options may have otherwise been subject.

10.4 Acceleration of Date of Exercise – Subject to the approval of the Exchange, if required, the Board shall have the right to accelerate the date of vesting of any portion of any Option which remains unvested.

10.5 Determinations to be Binding – If any questions arise at any time with respect to the Option Price or exercise price or number of Option Shares or other property deliverable upon exercise of an Option following an event referred to in this Section 10, such questions shall be conclusively determined by the Board, whose decisions shall be final and binding.

10.6 Effect of a Take-Over – If a *bona fide* offer (the “Offer”) for Shares is made to an Optionee or to shareholders generally or to a class of shareholders which includes the Optionee, which Offer constitutes a take-over bid within the meaning of the Act, the Corporation shall, immediately upon receipt of notice of the Offer, notify each Optionee of full particulars of the Offer, whereupon any Option held by an Optionee may be exercised in whole or in part, notwithstanding any contingent vesting provisions to which such Options may have otherwise been subject, by the Optionee so as to permit the Optionee to tender the Shares received upon such exercise (the “Optioned Shares”) to the Offer. If:

- (a) the Offer is not completed within the time specified therein; or
- (b) all of the Optioned Shares tendered by the Optionee pursuant to the Offer are not taken up and paid for by the offeror pursuant thereto;

the Optioned Shares or, in the case of clause (b) above, the Optioned Shares that are not taken up and paid for, may be returned by the Optionee to the Corporation and reinstated as authorized but unissued

Shares and with respect to such returned Optioned Shares, the Option shall be reinstated as if it had not been exercised. If any Optioned Shares are returned to the Corporation under this Section, the Corporation shall refund to the Optionee any Option Price paid for such Optioned Shares.

11. APPROVAL, TERMINATION AND AMENDMENT OF PLAN

11.1 **Shareholder Approval** – This Plan, if the Shares are listed only on the TSXVE, is subject to Shareholder Approval on a yearly basis at the Corporation's next ensuing annual general meeting.

11.2 **Power of Board to Terminate or Amend Plan** – Subject to the approval of the Exchange, if required, the Board may terminate, suspend or discontinue the Plan at any time or amend or revise the terms of the Plan; provided, however, that, except as provided in Section 10, the Board may not do any of the following without obtaining, within 12 months either before or after the Board's adoption of a resolution authorizing such action, approval by the Corporation's shareholders at a meeting duly held in accordance with the applicable corporate laws:

- (a) increase the maximum number of Shares which may be issued under the Plan;
- (b) materially modify the requirements as to eligibility for participation in the Plan; or
- (c) materially increase the benefits accruing to participants under the Plan;

however, the Board may amend the terms of the Plan to comply with the requirements of any applicable regulatory authority, or as a result of changes in the policies of the Exchange relating to director, officer and employee stock options, without obtaining the approval of the Corporation's shareholders.

11.3 **No Grant During Suspension of Plan** – No Option may be granted during any suspension, or after termination, of the Plan. Amendment, suspension or termination of the Plan shall not, without the consent of the Optionee, alter or impair any rights or obligations under any Option previously granted.

12. CONDITIONS PRECEDENT TO ISSUANCE OF SHARES

12.1 **Compliance with Laws** – Shares shall not be issued with respect to an Option unless the exercise of such Option and the issuance and delivery of such shares shall comply with all relevant provisions of law, including, without limitation, any applicable United States' state securities laws, the Securities Act of 1933, as amended, the Exchange Act, the rules and regulations thereunder and the requirements of any Exchange or automated interdealer quotation system of a registered national securities association upon which such Shares may then be listed or quoted, and such issuance shall be further subject to the approval of counsel for the Corporation with respect to such compliance, including the availability of an exemption from registration for the issuance and sale of such Shares. The inability of the Corporation to obtain from any regulatory body the authority deemed by the Corporation to be necessary for the lawful issuance and sale of any Shares under this Plan, or the unavailability of an exemption from registration for the issuance and sale of any Shares under this Plan, shall relieve the Corporation of any liability with respect to the non-issuance or sale of such Shares other than with respect to a refund of any Option Price paid.

13. USE OF PROCEEDS

13.1 **Use of Proceeds** – Proceeds from the sale of Shares pursuant to the Options granted and exercised under the Plan shall constitute general funds of the Corporation and shall be used for general corporate purposes, or as the Board otherwise determines.

14. NOTICES

14.1 **Notices** – All notices, requests, demands and other communications required or permitted to be given under this Plan and the Options granted under this Plan shall be in writing and shall be either

delivered personally to the party to whom notice is to be given, in which case notice shall be deemed to have been duly given on the date of such personal delivery; telecopied, in which case notice shall be deemed to have been duly given on the date the telecopy is sent; or mailed to the party to whom notice is to be given, by first class mail, registered or certified, return receipt requested, postage prepaid, and addressed to the party at his or its most recent known address, in which case such notice shall be deemed to have been duly given on the tenth postal delivery day following the date of such mailing.

15. MISCELLANEOUS PROVISIONS

15.1 **No Obligations to Exercise** – Optionees shall be under no obligation to exercise Options granted under this Plan.

15.2 **No Obligation to Retain Optionee** – Nothing contained in this Plan shall obligate the Corporation or any Subsidiary Corporation to retain an Optionee as an Employee, officer, director or Consultant for any period, nor shall this Plan interfere in any way with the right of the Corporation or any Subsidiary Corporation to reduce such Optionee's compensation.

15.3 **Binding Agreement** – The provisions of this Plan and of each Option Agreement with an Optionee shall be binding upon such Optionee and the Qualified Successor or Guardian of such Optionee.

15.4 **Use of Terms** – Where the context so requires, references herein to the singular shall include the plural, and vice versa, and references to a particular gender shall include either or both genders.

15.5 **Headings** – The headings used in this Plan are for convenience of reference only and shall not in any way affect or be used in interpreting any of the provisions of this Plan.

15.6 **No Representation or Warranty** – The Corporation makes no representation or warranty as to the future value of any Shares issued in accordance with the provisions of this Plan.

15.7 **Income Taxes** – Upon the exercise of an Option by an Optionee, the Corporation shall have the right to require the Optionee to remit to the Corporation an amount sufficient to satisfy any Withholding Obligations relating thereto under applicable tax legislation. Unless otherwise prohibited by the Board or by applicable law, satisfaction of the amount of the Withholding Obligations (the "Withholding Amount") may be accomplished by any of the following methods or by a combination of such methods as determined by the Corporation in its sole discretion:

- (a) the tendering by the Optionee of cash payment to the Corporation in an amount less than or equal to the Withholding Amount; or
- (b) the withholding by the Corporation from the Shares otherwise due to the Optionee such number of Shares as it determines are required to be sold by the Corporation, as trustee, to satisfy the Withholding Amount (net of selling costs). By executing and delivering the Option Agreement, the Optionee shall be deemed to have consented to such sale and have granted to the Corporation an irrevocable power of attorney to effect the sale of such Shares and to have acknowledged and agreed that the Corporation does not accept responsibility for the price obtained on the sale of such Shares; or
- (c) the withholding by the Corporation from any cash payment otherwise due by the Corporation to the Optionee, including salaries, directors fees, consulting fees and any other forms of remuneration, such amount of cash as is required to pay and satisfy the Withholding Amount;

provided, however, in all cases, that the sum of any cash so paid or withheld and the fair market value of any Shares so withheld is sufficient to satisfy the Withholding Amount.

The provisions of the Option Agreement shall provide that the Optionee (or their beneficiaries) shall be responsible for all taxes with respect to any Options granted under the Option Plan and an acknowledgement that neither the Board nor the Corporation shall make any representations or warranties of any nature or kind whatsoever to any person regarding the tax treatment of Options or payments on account of the Withholding Amount made under the Option Plan and none of the Board, the Corporation, nor any of its employees or representatives shall have any liability to an Optionee (or its beneficiaries) with respect thereto.

15.8 **Compliance with Applicable Law** – If any provision of the Plan or any Option Agreement contravenes any law or any order, policy, by-law or regulation of any regulatory body or stock exchange or over the counter market having authority over the Corporation or the Plan, then such provision shall be deemed to be amended to the extent required to bring such provision into compliance therewith.

15.9 **Conflict** – In the event of any conflict between the provisions of this Plan and an Option Agreement, the provisions of this Plan shall govern.

15.10 **Governing Law** – This Plan and each Option Agreement issued pursuant to this Plan shall be governed by the laws of the Province of Ontario.

15.11 **Time of Essence** – Time is of the essence of this Plan and of each Option Agreement. No extension of time will be deemed to be, or to operate as, a waiver of the essentiality of time.

15.12 **Entire Agreement** – This Plan and the Option Agreement sets out the entire agreement between the Corporation and the Optionees relative to the subject matter hereof and supersedes all prior agreements, undertakings and understandings, whether oral or written.

16. **EFFECTIVE DATE OF PLAN**

16.1 **Effective Date of Plan** – This Plan shall be effective on the later of the day of its approval by the shareholders of the Corporation given by way of ordinary resolution and the day of its acceptance for filing by the Exchange.

SCHEDULE "B"

Audit Committee Charter

1. **Mission**

Senior management, as overseen by the board of directors, has primary responsibility for the Corporation's financial reporting, accounting systems and internal controls. The audit committee is a standing committee of the board of directors established to assist the board of directors in fulfilling its responsibilities in this regard.

2. **Responsibilities**

The audit committee shall:

(a) **Financial Information**

- (i) review the annual financial statements and related matters and recommend their approval to the board of directors, after discussing matters such as the selection of accounting policies, major accounting judgements, accruals and estimates with management;
- (ii) review the annual information form, if applicable;
- (iii) be responsible for reviewing the results of the external audit, including:
 - A. the auditor's engagement letter;
 - B. the reasonableness of the estimated audit fees;
 - C. the scope of the audit, including materiality, locations to be visited, audit reports required, areas of audit risk, timetable, deadlines and coordination with internal audit;
 - D. the post-audit management letter together with management's response;
 - E. the form of the audit report;
 - F. any other related audit engagements (e.g. audit of the company pension plan);
 - G. non-audit services performed by the auditor;
 - H. assessing the auditor's performance;
 - I. recommending the auditor for appointment by the board of directors; and
 - J. meeting with the auditors to discuss pertinent matters, including the quality of accounting personnel;
- (iv) ensure that adequate procedures are in place for the review of the Corporation's public disclosure of financial information extracted or derived from the Corporation's financial statements (except for disclosure required to be reviewed by the audit committee), and must periodically assess the adequacy of those procedures;

- (v) establish procedures for:
 - A. the receipt, retention and treatment of complaints received by the Corporation regarding accounting, internal accounting controls, or auditing matters; and
 - B. the confidential, anonymous submission by employees of the Corporation of concerns regarding questionable accounting or auditing matters; and
- (vi) review and approve the Corporation's hiring policies regarding partners, employees and former partners and employees of the present and former external auditor of the Corporation.

(b) Interim Financial Statements

- (i) obtain reasonable assurance on the process for preparing reliable quarterly interim financial statements from discussions with management and, where appropriate, reports from the external and internal auditors;
- (ii) review and approve the interim financial statements of the Corporation and management's discussion and analysis related thereto when the same is not undertaken by the board of directors; and
- (iii) obtain reasonable assurance from management about the process for ensuring the reliability of other public disclosure documents that contain audited and unaudited financial information.

(c) Accounting System and Internal Controls

- (i) obtain reasonable assurance from discussions with and/or reports from management, and reports from external and internal auditors that the Corporation's accounting systems are reliable and that the prescribed internal controls are operating effectively;
- (ii) direct the auditors' examinations to particular areas;
- (iii) request the auditors to undertake special examinations (e.g., review compliance with conflict of interest policies);
- (iv) review control weaknesses identified by the external and internal auditors, together with management's response;
- (v) review the appointments of the chief financial officer and key financial executives; and
- (vi) review accounting and financial human resources and succession planning within the corporation.

(d) Reporting

- (i) report to the board of directors following each meeting on the major discussions and decisions made by the audit committee; and
- (ii) review the audit committee's terms of reference periodically and propose recommended changes to the board of directors.

3. *Composition and Regulations*

- (a) The audit committee shall be composed of at least three directors. The members and the chairperson of the audit committee shall be appointed by the board of directors for a one-year term and may serve any number of consecutive terms.
- (b) The chairperson of the audit committee shall, in consultation with management and the auditors, establish the agenda for the meetings and ensure that properly prepared agenda materials are circulated to members with sufficient time for study prior to the meeting.
- (c) The audit committee shall have the power, authority and discretion delegated to it by the board of directors which shall not include the power to change the membership of or fill vacancies in the audit committee.
- (d) The audit committee shall conform to the regulations which may from time to time be imposed upon it by the board of directors. The board of directors shall have the power at any time to revoke or override the authority given to or acts done by the audit committee except as to acts done before such revocation or act of overriding and to terminate the appointment or change the membership of the audit committee or fill vacancies in it as it shall see fit.
- (e) The audit committee may meet and adjourn, as they think proper. A majority of the members of the audit committee shall constitute a quorum thereof. Questions arising shall be determined by a majority of votes of the members of the audit committee present, and in the case of an equality of votes, the chairperson shall not have a second or casting vote.
- (f) A resolution approved in writing by all of the members of the audit committee shall be valid and effective as if it had been passed at a duly called meeting. Such resolution shall be filed with the minutes of the proceedings of the audit committee and shall be effective on the date stated thereon or on the latest date stated in any counterpart.
- (g) The audit committee shall keep regular minutes of its meetings and record all material matters and shall cause such minutes to be recorded in the books kept for that purpose and shall distribute such minutes to the board of directors.
- (h) The audit committee shall have unrestricted and unfettered access to all Corporation personnel and documents and shall be provided with the resources necessary to carry out its responsibilities.

SCHEDULE “C”

NEW BY-LAW NO. 1

A by-law relating generally to
the conduct of the affairs of

JOURDAN RESOURCES INC.

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1. Interpretation
2. Business of the Corporation
3. Directors
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- 9.A. Advance Notice Policy
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12. Notices
13. Effective Date

BE IT ENACTED AND IT IS HEREBY ENACTED as a by-law of Jourdan Resources Inc. (hereinafter called the “Corporation”) as follows:

SECTION ONE

INTERPRETATION

1.01 Definitions

In the by-laws of the Corporation, unless the context otherwise requires:

(1) “Act” means the *Business Corporations Act*, R.S.0. 1990 c. B. 16 and the regulations made pursuant thereto, as from time to time amended, and every statute that may be substituted therefor and, in the case of such substitution, any reference in the by-laws of the Corporation to provisions of the Act shall be read as references to the substituted provisions therefor in the new statute or statutes;

- (2) “appoint” includes “elect” and *vice versa*;
- (3) “board” means the board of directors of the Corporation;
- (4) “by-laws” means this by-law and all other by-laws of the Corporation from time to time in force and effect;
- (5) “meeting of shareholders” includes an annual meeting of shareholders and a special meeting of shareholders; “special meeting of shareholders” includes a meeting of any class or classes of shareholders and a special meeting of all shareholders entitled to vote at an annual meeting of shareholders;
- (6) “non-business day” means Saturday, Sunday and any other day that is a holiday as defined in the *Interpretation Act* (Ontario);
- (7) “recorded address” means in the case of a shareholder his address as recorded in the securities register; and in the case of joint shareholders the address appearing in the securities register in respect of such joint holding or the first address so appearing if there is more than one; and in the case of a director, officer, auditor or member of a committee of the board his latest address as recorded in the records of the Corporation;
- (8) “Regulations” means the Regulations made under the Act as from time to time amended and every regulation that may be substituted therefor, and in the case of such substitution, any references in the by-laws of the Corporation to the provisions of the Regulations shall be read as references to the substituted provisions therefor in the new regulations;
- (8) “signing officer” means, in relation to any instrument, any person authorized to sign the same on behalf of the Corporation by paragraph 2.03 or by a resolution passed pursuant thereto;
- (9) all terms contained in the by-laws and which are defined in the Act or the Regulations shall have the meanings given to such terms in the Act;
- (10) the headings used in the by-laws are inserted for references purposes only and are not be considered or taken into account in construing the terms of provisions thereof or to be deemed in any way to clarify, modify or explain the effect of any such terms or provisions; and
- (10) the singular shall include the plural and the plural shall include the singular; the masculine shall include the feminine and neuter genders; and the word “person” shall include individuals, bodies corporate, corporations, companies, partnerships, syndicates, trusts, unincorporated organizations and any number or aggregate of persons.

SECTION TWO

BUSINESS OF THE CORPORATION

2.01 Registered Office

The registered office of the Corporation shall be in the place designated as in the articles or by a special resolution in accordance with the provisions of the Act; the address of the registered office within such place may be changed from time to time by the directors.

Corporate Seal

The Corporation may have a corporate seal which shall be adopted and may be changed by resolution of the board.

2.02 Financial Year

The financial year of the Corporation shall terminate on such date in each year as the board of directors may from time to time determine.

2.03 Execution of Instruments

Contracts, documents or instruments in writing requiring the signature of the Corporation may be signed on behalf of the Corporation by any officer or director and instruments in writing so signed shall be binding upon the Corporation without any further authorization or formality. The board shall have power from time to time by resolution to appoint any officer or officers or any person or persons on behalf of the Corporation either to sign contracts, documents and instruments in writing generally or to sign specific contracts, documents or instruments in writing.

The seal of the Corporation, if any, may when required be affixed to contracts, documents and instruments in writing signed as aforesaid or by any officer or officers, person or persons, appointed as aforesaid by resolution of the board but any such contract, document or instrument is not invalid merely because the corporate seal, if any, is not affixed thereto.

The term “contracts, documents or instruments in writing” as used in this by-law shall include deeds, mortgages, hypothecs, charges, conveyances, transfers and assignments of property, real or personal, movable or immovable, agreements, releases, receipts and discharges for the payment of money or other obligations, conveyances, transfers and assignments of shares, share warrants, stocks, bonds, debentures, notes or other securities and all paper writings.

The signature or signatures of the Chairman of the Board (if any), the President, a Vice-President, the Secretary, the Treasurer, an Assistant Secretary, an Assistant Treasurer or any director of the Corporation and/or any other officer or officers, person or persons, appointed as aforesaid by resolution of the board may, if specifically authorized by resolution of the directors, be printed, engraved, lithographed or otherwise mechanically reproduced upon any contracts, documents or instruments in writing or bonds, debentures, notes or other securities of the Corporation executed or issued by or on behalf of the Corporation and all contracts, documents or instruments in writing or bonds, debentures, notes or other securities of the Corporation on which the signature or signatures of any of the foregoing officers or directors or persons authorized as aforesaid shall be so reproduced pursuant to special authorization by resolution of the board, shall be deemed to have been manually signed by such officers or directors or persons whose signature or signatures is or are so reproduced and shall be as valid to all intents and purposes as if they had been signed manually and notwithstanding that the officers or directors or persons whose signature or signatures is or are so reproduced may have ceased to hold office at the date of the delivery or issue of such contracts, documents or instruments in writing or bonds, debentures, notes or other securities of the Corporation.

2.04 Banking Arrangements

The banking business of the Corporation, or any part thereof, including, without limitation, the borrowing of money and the giving of security therefor, shall be transacted with such banks, trust companies or other bodies corporate or organizations as may from time to time be designated by or under the authority of the board. Such banking business or any part thereof shall be transacted under such agreements, instructions and delegations of powers as the board may from time to time by resolution prescribe or authorize.

2.05 Custody of Securities

All shares and other securities owned by the Corporation shall be lodged (in the name of the Corporation) with a chartered bank or a trust company or in a safety deposit box or, if so authorized by resolution of the board, with such other depositaries or in such other manner as may be determined from time to time by resolution of the board.

All share certificates, bonds, debentures, notes or other obligations or securities belonging to the Corporation may be issued or held in the name of a nominee or nominees of the Corporation (and if issued or held in

the names of more than one nominee shall be held in the names of the nominees jointly with the right of survivorship) and shall be endorsed in blank with endorsement guaranteed in order to enable transfer to be completed and registration to be effected.

2.06 Voting Shares and Securities in other Companies

All of the shares or other securities carrying voting rights of any other body corporate held from time to time by the Corporation may be voted at any and all meetings of shareholders, bondholders, debenture holders or holders of other securities (as the case may be) of such other body corporate and in such manner and by such person or persons as the board shall from time to time by resolution determine. The proper signing officers of the Corporation may also from time to time execute and deliver for and on behalf of the Corporation proxies and/or arrange for the issuance of voting certificates and/or other evidence of the right to vote in such names as they may determine without the necessity of a resolution or other action by the board.

SECTION THREE

DIRECTORS

3.01 Number of Directors and Quorum

The number of directors of the Corporation shall be the number of directors as specified in the articles or, where a minimum and maximum number of directors is provided for in the articles, the number of directors of the Corporation shall be the number of directors determined from time to time by special resolution or, if a special resolution empowers the directors to determine the number, the number of directors determined by resolution of the board. The quorum for the transaction of business at any meeting of the board shall be a majority of the number of directors then in office or such greater number of directors as the board may from time to time by resolution determine, provided that if the Corporation has fewer than three directors, all directors must be present at any meeting of the board to constitute a quorum.

3.02 Qualification

No person shall be qualified for election as a director if he is less than 18 years of age; if he is of unsound mind and has been so found by a court in Canada or elsewhere; if he is not an individual; or if he has the status of a bankrupt. A director need not be a shareholder. At least twenty-five percent of the directors shall be resident Canadians, provided that if the Corporation has less than four directors, at least one director shall be a resident Canadian. If the Corporation is or becomes an offering corporation within the meaning of the Act, at least one-third of the directors of the Corporation shall not be officers or employees of the Corporation or any of its affiliates. In exercising his powers and discharging his duties each director must (a) act honestly and in good faith with a view to the best interests of the Corporation and (b) exercise the care, diligence and skill that a reasonably prudent person would exercise in comparable circumstances.

3.03 Election and Term

The election of directors shall take place at the first meeting of shareholders and at each succeeding annual meeting of shareholders and all the directors then in office shall retire but, if qualified, shall be eligible for re-election. The number of directors to be elected at any such meeting shall be the number of directors as specified in the articles or, if a minimum and maximum number of directors is provided for in the articles, the number of directors determined by special resolution or, if the special resolution empowers the directors to determine the number, the number of directors determined by resolution of the board. The voting on the election shall be by show of hands unless a ballot is demanded by any shareholder. If an election of directors is not held at the proper time, the incumbent directors shall continue in office until their successors are elected.

3.04 Removal of Directors

Subject to the provisions of the Act, the shareholders may by ordinary resolution passed at a meeting specially called for such purpose remove any director or directors from office and the vacancy created by such removal may be filled at the same meeting failing which it may be filled by a quorum of the directors.

3.05 Vacation of Office

A director ceases to hold office when he dies or, subject to the Act, if by notice in writing to the Corporation he resigns his office, which resignation shall be effective at the time it is received by the Corporation or at the time specified in the notice, whichever is later; he is removed from office by the shareholders in accordance with the Act; he becomes of unsound mind and is so found by a court in Canada or elsewhere or if he acquires the status of a bankrupt.

3.06 Vacancies

Subject to the Act, a quorum of the board may fill a vacancy in the board, except a vacancy resulting from an increase in the number or maximum number of directors or from a failure of the shareholders to elect the number of directors required to be elected at any meeting of shareholders. In the absence of a quorum of the board, or if the vacancy has arisen from a failure of the shareholders to elect the number of directors required to be elected at any meeting of shareholders, the directors then in office shall forthwith call a special meeting of shareholders to fill the vacancy. If the directors then in office fail to call such meeting or if there are no directors then in office, any shareholder may call the meeting.

3.07 Action by the Board

The board shall manage or supervise the management of the business and affairs of the Corporation. Subject to paragraph 3.09, the powers of the board may be exercised at a meeting at which a quorum is present or by resolution in writing signed by all the directors entitled to vote on that resolution at a meeting of the board. Where there is a vacancy in the board, the remaining directors may exercise all the powers of the board so long as a quorum of the board remains in office.

3.08 Intentionally Omitted

3.09 Meeting by Telephone and Electronic Participation

If all the directors of the Corporation present or participating in the meeting consent, a director may participate in a meeting of the board or of a committee of the board by means of such telephone, electronic or other communications facilities as permit all persons participating in the meeting to communicate with each other simultaneously and instantaneously, and a director participating in such a meeting by such means is deemed to be present at the meeting. Any such consent shall be effective whether given before or after the meeting to which it relates and may be given with respect to all meetings of the board and of committees of the board held while a director holds office.

3.10 Place of Meetings

Meetings of the board may be held at any place within or outside Ontario. In any financial year of the Corporation a majority of the meetings of the board need not be held within Canada.

3.11 Calling of Meetings

Subject to the Act, meetings of the board shall be held from time to time on such day and at such time and at such place as the board, the Chairman of the Board (if any), the President, a Vice-President who is a director or any two directors may determine and the Secretary, when directed by the board, the Chairman of the Board (if any), the President, a Vice-President who is a director or any two directors shall convene a meeting of the board.

3.12 Notice of Meeting

Notice of the date, time and place of each meeting of the board shall be given in the manner provided in paragraph 12.01 to each director not less than 48 hours (exclusive of any part of a non-business day) before the time when the meeting is to be held. A notice of a meeting of directors need not specify the purpose of or the business to be transacted at the meeting except where the Act requires such purpose or business to be specified.

A director may in any manner waive notice of or otherwise consent to a meeting of the board.

3.13 Omission of Notice

The accidental omission to give notice of any meeting of directors to, or the non-receipt of any notice by, any person shall not invalidate any resolution passed or any proceeding taken at such meeting.

3.13 First Meeting of New Board

Provided a quorum of directors is present, each newly elected board may without notice hold its first meeting immediately following the meeting of shareholders at which such board is elected.

3.14 Adjourned Meeting

Notice of an adjourned meeting of the board is not required if the time and place of the adjourned meeting is announced at the original meeting.

3.15 Regular Meetings

The board may appoint a day or days in any month or months for regular meetings of the board at a place and hour to be named. A copy of any resolution of the board fixing the place and time of such regular meetings shall be sent to each director forthwith after being passed, but no other notice shall be required for any such regular meeting except where the Act requires the purpose thereof or the business to be transacted thereat to be specified.

3.16 Chairman

The chairman of any meeting of the board shall be the first mentioned of such of the following officers as have been appointed and who is a director and is present at the meeting: the Chairman of the Board, the President or a Vice-President. If no such officer is present, the directors present shall choose one of their number to be chairman.

3.17 Votes to Govern

At all meetings of the board every question shall be decided by a majority of the votes cast on the question. In case of an equality of votes the chairman of the meeting shall not be entitled to a second or casting vote.

3.18 Resolution in Lieu of Meeting

Notwithstanding any of the provisions of this by-law, but subject to the Act or any unanimous shareholders agreement, a resolution in writing, signed by all of the directors entitled to vote on that resolution at a meeting of the directors is as valid as if it had been passed at a meeting of the directors.

3.19 Conflict of Interest

In supplement of and not by way of limitation upon any rights conferred upon directors and officers by the Act, it is declared that no director or officer shall be disqualified from his office by, or vacate his office by reason of, holding any office or place of profit under the Corporation or under any body corporate in which the Corporation shall be a shareholder; nor shall any director or officer be liable to account to the Corporation or any of its shareholders or creditors for any profits realized by or from any such contract or arrangement by reason of any fiduciary relationship. A director or officer who is a party to, or who is a director or officer of or has a material

interest in any person who is a party to, a material contract or transaction or proposed material contract or transaction with the Corporation shall disclose in writing to the Corporation or request to have entered in the minutes of the meetings of the directors the nature and extent of his interest at the time and in the manner provided by the Act and such notice of interest shall be updated by the said director or officer to reflect any material changes. Any such contract or transaction or proposed contract or transaction shall be referred to the board or shareholders for approval even if such contract is one that in the ordinary course of the Corporation's business would not require approval by the board or shareholders, and a director interested in a contract so referred to the board shall not vote on any resolution to approve the same except as permitted by the Act and any director interested in a contract shall be prohibited from attending any part of a meeting during which the contract or transaction is discussed.

3.20 Remuneration and Expenses

The directors shall be paid such remuneration for their services as the board may from time to time determine and such remuneration shall be in addition to the salary paid to any officer or employee of the Corporation who is also a member of the board of directors. The directors shall also be entitled to be reimbursed for travelling and other expenses properly incurred by them in attending meetings of the shareholders or of the board or any committee thereof or otherwise in the performance of their duties. The board of directors may also award special remuneration to any director undertaking any special services on the Corporation's behalf other than the routine work ordinarily required of a director by the Corporation and the confirmation of such resolution or resolutions of the shareholders shall not be required. Nothing herein contained shall preclude any director from serving the Corporation in any other capacity and receiving remuneration therefor.

SECTION FOUR

COMMITTEES

4.01 Committees of Directors

The board may appoint from among their number a committee or committees of directors, however designated, and may delegate to such committee any of the powers of the board except those which pertain to items which, under the Act, a committee of directors has no authority to exercise. Subject to the Act, except to the extent otherwise determined by the board of directors or, failing such determination, as determined by the committee of directors, the provisions of paragraphs 3.09 to 3.17, inclusive, shall apply, *mutatis mutandis*, to such committee.

4.02 Transaction of Business

The powers of a committee of directors may be exercised by a meeting at which a quorum is present or by resolution in writing signed by all members of such committee who would have been entitled to vote on that resolution at a meeting of the committee. Meetings of such committee may be held at any place within or outside Ontario.

4.03 Audit Committee

The board may, and shall if the Corporation is an offering corporation within the meaning of the Act, elect annually from among its number an audit committee to be composed of not fewer than three directors of whom a majority shall not be officers or employees of the Corporation or its affiliates. The audit committee shall have the powers and duties provided in the Act.

4.04 Advisory Committees

The board may from time to time appoint such other committees as it may deem advisable, but the functions of any such other committees shall be advisory only.

4.05 Procedure

Unless otherwise determined by the board, each committee shall have power to fix its quorum at not less than a majority of its members, to elect its chairman and to regulate its procedure.

SECTION FIVE

OFFICERS

5.01 Appointment

The board may from time to time appoint a Chairman of the Board, a President, one or more Vice-Presidents (to which title may be added words indicating seniority or function), a Secretary, a Treasurer and such other officers as the board may determine, including one or more assistants to any of the officers so appointed. The board may specify the duties of and, in accordance with this by-law and subject to the provisions of the Act, delegate to such officers powers to manage the business and affairs of the Corporation. Subject to paragraph 5.02, an officer may but need not be a director and one person may hold more than one office. In case and whenever the same person holds the offices of Secretary and Treasurer, he may but need not be known as the Secretary-Treasurer. All officers shall sign such contracts, documents, or instruments in writing as require their respective signatures. In the case of the absence or inability to act of any officer or for any other reason that the board may deem sufficient, the board may delegate all or any of the powers of such officer to any other officer or to any director for the time being.

5.02 Chairman of the Board

The Chairman of the Board, if appointed, shall be a director and shall, when present, preside at all meetings of the board and committees of the board. The Chairman of the Board shall be vested with and may exercise such powers and shall perform such other duties as may from time to time be assigned to him by the board. During the absence or disability of the Chairman of the Board, his duties shall be performed and his powers exercised by the President.

5.03 President

The President shall, and unless and until the board designates any other officer of the Corporation to be the Chief Executive Officer of the Corporation, be the Chief Executive Officer and, subject to the authority of the board, shall have general supervision of the business and affairs of the Corporation and such other powers and duties as the board may specify. The President shall be vested with and may exercise all the powers and shall perform all the duties of the Chairman of the Board if none be appointed or if the Chairman of the Board is absent or unable or refuses to act.

5.04 Vice-President

Each Vice-President shall have such powers and duties as the board or the President may specify. The Vice-President or, if more than one, the Vice-President designated from time to time by the board or by the President, shall be vested with all the powers and shall perform all the duties of the President in the absence or inability or refusal to act of the President, provided, however, that a Vice-President who is not a director shall not preside as chairman at any meeting of the board and that a Vice-President who is not a director and shareholder shall not preside as chairman at any meeting of shareholders.

5.05 Secretary

The Secretary shall give or cause to be given as and when instructed, all notices to shareholders, directors, officers, auditors and members of committees of the board; he shall be the custodian of the stamp or mechanical device generally used for affixing the corporate seal of the Corporation and all books, papers, records, documents

and instruments belonging to the Corporation, except when some other officer or agent has been appointed for that purpose; and he shall have such other powers and duties as the board may specify.

5.06 Treasurer

The Treasurer shall keep proper accounting records in compliance with the Act and shall be responsible for the deposit of money, the safekeeping of securities and the disbursement of the funds of the Corporation; he shall render to the board whenever required an account of all his transactions as Treasurer and of the financial position of the Corporation; and he shall have such other powers and duties as the board may specify. Unless and until the board designates any other officer of the Corporation to be the Chief Financial Officer of the Corporation, the Treasurer shall be the Chief Financial Officer of the Corporation.

5.07 Powers and Duties of Other Officers

The powers and duties of all other officers shall be such as the terms of their engagement call for or as the board may specify. Any of the powers and duties of an officer to whom an assistant has been appointed may be exercised and performed by such assistant, unless the board otherwise directs.

5.08 Variation of Powers and Duties

The board may from time to time and subject to the provisions of the Act, vary, add to or limit the powers and duties of any officer.

5.09 Term of Office

The board, in its discretion, may remove any officer of the Corporation, with or without cause, without prejudice to such officer's rights under any employment contract. Otherwise each officer appointed by the board shall hold office until his successor is appointed or until the earlier of his resignation or death.

5.10 Terms of Employment and Remuneration

The terms of employment and the remuneration of an officer appointed by the board shall be settled by it from time to time. The fact that any officer or employee is a director or shareholder of the Corporation shall not disqualify him from receiving such remuneration as may be so determined.

5.11 Conflict of Interest

An officer shall disclose his interest in any material contract or transaction or proposed material contract or transaction with the Corporation in accordance with paragraph 3.19.

5.12 Agents and Attorneys

The board shall have power from time to time to appoint agents or attorneys for the Corporation in or outside Canada with such powers of management or otherwise (including the powers to subdelegate) as may be thought fit.

5.13 Fidelity Bonds

The board may require such officers, employees and agents of the Corporation as the board deems advisable to furnish bonds for the faithful discharge of their powers and duties, in such form and with such surety as the board may from time to time determine but no director shall be liable for failure to require any such bond or for the insufficiency of any such bond or for any loss by reason of the failure of the Corporation to receive any indemnity thereby provided.

SECTION SIX

PROTECTION OF DIRECTORS, OFFICERS AND OTHERS

6.01 Submission of Contracts or Transactions to Shareholders for Approval

The board in its discretion may submit any contract, act or transaction for approval, ratification or confirmation at any meeting of the shareholders called for the purpose of considering the same and any contract, act or transaction that shall be approved, ratified or confirmed by a resolution passed by a majority of the votes cast at any such meeting (unless any different or additional requirement is imposed by the Act or by the Corporation's articles or any other by-law) shall be as valid and as binding upon the Corporation and upon all the shareholders as though it had been approved, ratified or confirmed by every shareholder of the Corporation.

6.02 For the Protection of Directors and Officers

In supplement of and not by way of limitation upon any rights conferred upon directors by the provisions of the Act, it is declared that no director shall be disqualified by his office from, or vacate his office by reason of, holding any office or place of profit under the Corporation or under any body corporate in which the Corporation shall be a shareholder or by reason of being otherwise in any way directly or indirectly interested or contracting with the Corporation either as vendor, purchaser or otherwise or being concerned in any contract or arrangement made or proposed to be entered into with the Corporation in which he is in any way directly or indirectly interested either as vendor, purchaser or otherwise nor shall any director be liable to account to the Corporation or any of its shareholders or creditors for any profit arising from any such office or place of profit; and, subject to the provisions of the Act, no contract or arrangement entered into by or on behalf of the Corporation in which any director shall be in any way directly or indirectly interested shall be avoided or voidable and no director shall be liable to account to the Corporation or any of its shareholders or creditors for any profit realized by or from any such contract or arrangement by reason of the fiduciary relationship existing or established thereby. Subject to the provisions of the Act and to paragraph 3.19, no director shall be obliged to make any declaration of interest or refrain from voting in respect of a contract or proposed contract with the Corporation in which such director is in any way directly or indirectly interested.

6.03 Limitation of Liability

Except as otherwise provided in the Act, no director or officer for the time being of the Corporation shall be liable for the acts, receipts, neglects or defaults of any other director or officer or employee or for joining in any receipt or act for conformity or for any loss, damage or expense happening to the Corporation through the insufficiency or deficiency of title to any property acquired by the Corporation or for or on behalf of the Corporation or for the insufficiency or deficiency of any security in or upon which any of the moneys of or belonging to the Corporation shall be placed out or invested or for any loss or damage arising from the bankruptcy, insolvency or tortious act of any persons, firm or corporation including any person, firm or corporation with whom or which any moneys, securities or effects shall be lodged or deposited for any loss, conversion, misapplication or misappropriation of or any damage resulting from any dealings with any moneys, securities or other assets belonging to the Corporation or for any other loss, damage or misfortune whatever which may happen in the execution of the duties of his respective office or trust or in relation thereto unless the same shall happen by or through his failure to exercise the powers and to discharge the duties of his office honestly, in good faith and in the best interests of the Corporation and in connection therewith to exercise the degree of care, diligence and skill that a reasonably prudent person would exercise in comparable circumstances. The directors for the time being of the Corporation shall not be under any duty or responsibility in respect of any contract, act or transaction whether or not made, done or entered into in the name or on behalf of the Corporation, except such as shall have been submitted to and authorized or approved by the board. If any director or officer of the Corporation shall be employed by or shall perform services for the Corporation otherwise than as a director or officer or shall be a member of a firm or a shareholder, director or officer of a company which is employed by or performs services for the Corporation, the fact of his being a director or officer of the Corporation shall not disentitle such director or officer or such firm or company, as the case may be, from receiving proper remuneration for such services.

6.04 Indemnity

Subject to the limitations contained in the Act, the Corporation shall indemnify a director or officer, a former director or officer, or another individual who acts or acted at the Corporation's request as a director or officer or an individual acting in a similar capacity, of another entity, against all costs, charges and expenses, including an amount paid to settle an action or satisfy a judgment, reasonably incurred by the individual in respect of any civil, criminal, investigative or other proceeding in which the individual involved because of that association with the Corporation or other entity, if

- (a) the individual acted honestly and in good faith with a view to the best interests of the Corporation or, as the case may be, to the best interests of the other entity for which the individual acted as a director or officer or in a similar capacity at the Corporation's request; and
- (b) in the case of a criminal or administrative action or proceeding that is enforced by a monetary penalty, the individual had reasonable grounds for believing that the individual's conduct was lawful; and
- (c) A court or other competent authority has not judged that the individual has committed any fault or omitted to do anything that the individual ought to have done.

The Corporation shall also indemnify such person in such other circumstances as the Act permits or requires.

6.05 Insurance

The Corporation may purchase and maintain insurance for the benefit of any person referred to in paragraph 6.04 against such liabilities and in such amounts as the board may from time to time determine and are permitted by the Act.

SECTION SEVEN

SHARES

7.01 Issuance and Allotment of Shares

Subject to the provisions of the Act, the articles, by-laws and any unanimous shareholders agreement, shares in the capital of the Corporation may be issued by the board of directors at such times and on such terms and conditions and to such persons or class or classes of persons as the board of directors determines. The board may from time to time allot or grant options to purchase the whole or any part of the authorized and unissued shares of the Corporation at such times and to such persons and for such consideration as the board shall determine, provided that no share shall be issued until it is fully paid as provided by the Act.

7.02 Commissions

The board may from time to time authorize the Corporation to pay a reasonable commission to any person in consideration of his purchasing or agreeing to purchase shares of the Corporation, whether from the Corporation or from any other person, or procuring or agreeing to procure purchasers for any such shares.

7.03 Registration of Transfers

Subject to the provisions of the Act, no transfer of shares shall be registered in a securities register except upon presentation of the certificate representing such shares with an endorsement which complies with the Act made thereon or delivered therewith duly executed by an appropriate person as provided by the Act, together with such reasonable assurance that the endorsement is genuine and effective as the board may from time to time prescribe, upon payment of all applicable taxes and any fees prescribed by the board, upon compliance with such restrictions on transfer as are authorized by the articles and upon satisfaction of any lien referred to in paragraph 7.05.

7.04 Transfer Agents and Registrars

The board may from time to time appoint one or more agents to maintain, in respect of each class of securities of the Corporation issued by it in registered form, a securities register and one or more branch securities registers. Such a person may be designated as transfer agent and registrar according to his functions and one person may be designated both registrar and transfer agent. The board may at any time terminate such appointment.

7.05 Lien for Indebtedness

The Corporation shall have a lien on any share registered in the name of a shareholder or his legal representatives for a debt of that shareholder to the Corporation, provided that if the shares of the Corporation are listed on a stock exchange recognized by the Ontario Securities Commission, the Corporation shall not have such lien. The Corporation may enforce any lien that it has on shares registered in the name of a shareholder indebted to the Corporation by the sale of the shares thereby affected or by any other action, suit, remedy or proceeding authorized or permitted by law and, pending such enforcement, the Corporation may refuse to register a transfer of the whole or any part of such shares.

7.06 Non-recognition of Trusts

Subject to the provisions of the Act, the Corporation may treat as absolute owner of any share the person in whose name the share is registered in the securities register as if that person had full legal capacity and authority to exercise all rights of ownership, irrespective of any indication to the contrary through knowledge or notice or description in the Corporation's records or on the share certificate.

7.07 Share Certificates

Every holder of one or more shares of the Corporation shall be entitled, at his option, to a share certificate, or to a non-transferable written acknowledgement of his right to obtain a share certificate, stating the number and class or series of shares held by him as shown on the securities register. Share certificates and acknowledgements of a shareholder's right to a share certificate, respectively, shall be in such form as the board shall from time to time approve. Any share certificate shall be signed in accordance with paragraph 2.03 and need not be under the corporate seal; provided that, unless the board otherwise determines, certificates representing shares in respect of which a transfer agent and/or registrar has been appointed shall not be valid unless countersigned by or on behalf of such transfer agent and/or registrar. The signature of one of the signing officers or, in the case of share certificates which are not valid unless countersigned by or on behalf of a transfer agent and/or registrar, the signatures of both signing officers, may be printed or mechanically reproduced in facsimile upon share certificates and every such facsimile signature shall for all purposes be deemed to be the signature of the officer whose signature it reproduces and shall be binding upon the Corporation. A share certificate executed as aforesaid shall be valid notwithstanding that one or both of the officers whose facsimile signature appears thereon no longer holds office at the date of issue of the certificate.

7.08 Replacement of Share Certificates

The board or any officer or agent designated by the board may in its or his discretion direct the issue of a new share certificate in lieu of and upon cancellation of a share certificate that has been mutilated or in substitution for a share certificate claimed to have been lost, destroyed or wrongfully taken on payment of such fee, not exceeding \$3.00, and on such terms as to indemnity, reimbursement of expenses and evidence of loss and of title as the board may from time to time prescribe, whether generally or in any particular case.

7.09 Joint Shareholders

If two or more persons are registered as joint holders of any share, the Corporation shall not be bound to issue more than one certificate in respect thereof, and delivery of such certificate to one of such persons shall be sufficient delivery to all of them. Any one of such persons may give effectual receipts for the certificate issued in

respect thereof or for any dividend, bonus, return of capital or other money payable or warrant issuable in respect of such shares.

7.10 Deceased Shareholders

In the event of the death of a holder, or of one of the joint holders, of any share, the Corporation shall not be required to make any entry in the securities register in respect thereof or to make payment of any dividends thereon except upon production of all such documents as may be required by law and upon compliance with the reasonable requirements of the Corporation and its transfer agents.

SECTION EIGHT

DIVIDENDS AND RIGHTS

8.01 Dividends

Subject to the provisions of the Act, the board may from time to time declare dividends payable to the shareholders according to their respective rights and interest in the Corporation. Dividends may be paid in money or property or by issuing fully paid shares of the Corporation. Except as provided for in the Act, the board of directors shall not pay a dividend if there are reasonable grounds to believe that: (a) the Corporation is, or after payment would be, unable to pay its liabilities as they become due; or (b) the realizable value of the Corporation's assets would thereby be less than the aggregate of its liabilities and its stated capital of all classes.

8.02 Dividend Cheques

A dividend payable in cash shall be paid by cheque drawn on the Corporation's bankers or one of them to the order of each registered holder of shares of the class or series in respect of which it has been declared and mailed by prepaid ordinary mail to such registered holder at his recorded address, unless such holder otherwise directs. In the case of joint holders, the cheque shall, unless such joint holders otherwise direct, be made payable to the order of all of such joint holders and mailed to them at their recorded address. The mailing of such cheque as aforesaid, unless the same is not paid on due presentation, shall satisfy and discharge the liability for the dividend to the extent of the sum represented thereby plus the amount of any tax which the Corporation is required to and does withhold.

8.03 Non-receipt of Cheques

In the event of non-receipt of any dividend cheque by the person to whom it is sent as aforesaid, the Corporation shall issue to such person a replacement cheque for a like amount on such terms as to indemnity, reimbursement of expenses and evidence of non-receipt and of title as the board may from time to time prescribe, whether generally or in any particular case.

8.04 Record Date for Dividends and Rights

The board may fix in advance a date, preceding by not more than 50 days from the date for the payment of any dividend or the date for the issue of any warrant or other evidence of the right to subscribe for securities of the Corporation, as a record date for the determination of the persons entitled to receive payment of such dividend or to exercise the right to subscribe for such securities, and notice of any such record date shall be given not less than seven days before such record date in the manner provided by the Act. If no record date is so fixed, the record date for the determination of the persons entitled to receive payment of any dividend or to exercise the right to subscribe for securities of the Corporation shall be at the close of business on the day on which the resolution relating to such dividend or right to subscribe is passed by the board.

8.05 Unclaimed Dividends

Any dividend unclaimed after a period of six years from the date on which the same has been declared to be payable shall be forfeited and shall revert to the Corporation.

SECTION NINE

MEETINGS OF SHAREHOLDERS

9.01 Annual Meetings

The annual meeting of shareholders shall be held at such time in each year as the board, the Chairman of the Board (if any) or the President may from time to time determine, for the purpose of considering the financial statements and reports required by the Act to be placed before the annual meeting, electing directors, appointing an auditor and for the transaction of such other business as may properly be brought before the meeting.

9.02 Special Meetings

The board, the Chairman of the Board (if any) or the President shall have power to call a special meeting of shareholders at any time.

9.03 Place of Meetings

Meetings of shareholders shall be held at the registered office of the Corporation or elsewhere in the municipality in which the registered office is situate or, if the board shall so determine, at some other place in Canada or, if all the shareholders entitled to vote at the meeting so agree, at some place outside Canada.

9.04 Notice of Meetings

Notice of the time and place of each meeting of shareholders shall be given in the manner provided in paragraph 12.01 not less than 10 days or if the Corporation is an offering corporation not less than 21 days but in either case nor more than 50 days (in each case, subject to the provisions of the Act, exclusive of the day on which notice is delivered or sent and the day for which notice is given) before the date of the meeting to each director, to the auditor and to each shareholder who at the close of business on the record date for notice is entered in the securities register as the holder of one or more shares carrying the right to vote at the meeting. Notice of a meeting of shareholders called for any purpose other than consideration of the financial statements and auditor's report, election of directors and reappointment of the incumbent auditor shall state or be accompanied by a statement of the nature of such business in sufficient detail to permit the shareholder to form a reasoned judgment thereon and the text of any special resolution or by-law to be submitted to the meeting. A shareholder and any other person entitled to attend a meeting of shareholders may in any manner waive notice of or otherwise consent to a meeting of shareholders.

9.05 List of Shareholders Entitled to Notice

For every meeting of shareholders, the Corporation shall prepare a list of shareholders entitled to receive notice of the meeting, arranged in alphabetical order and showing the number of shares held by each shareholder entitled to vote at the meeting. If a record date for the meeting is fixed pursuant to paragraph 9.06, the shareholders listed shall be those registered at the close of business on such record date. If no record date is fixed, the shareholders listed shall be those registered at the close of business on the day immediately preceding the day on which notice of the meeting is given, or where no such notice is given, the day on which the meeting is held. The list shall be available for examination by any shareholder during usual business hours at the registered office of the Corporation or at the place where the central securities register is maintained and at the meeting for which the list was prepared.

9.06 Record Date for Notice

The board may fix in advance a date, preceding the date of any meeting of shareholders by not more than 50 days and not less than 21 days, as a record date for the determination of the shareholders entitled to notice of the meeting, provided that notice of any such record date shall be given not less than seven days before such record date

by newspaper advertisement in the manner provided in the Act and, if any shares of the Corporation are listed for trading on a stock exchange in Canada, by written notice to each such stock exchange. If no record date is so fixed, the record date for the determination of the shareholders entitled to notice of the meeting shall be at the close of business on the day immediately preceding the day on which the notice is given or, if no notice is given, the day on which the meeting is held.

9.07 Meetings without Notice

A meeting of shareholders may be held without notice at any time and place permitted by the Act

(a) if all the shareholders entitled to vote thereat are present in person or represented by proxy waive notice of or otherwise consent to such meeting being held, and

(b) if the auditor and the directors are present or waive notice of or otherwise consent to such meeting being held, so long as such shareholders, auditor and directors present are not attending for the express purpose of objecting to the transaction of any business on the grounds that the meeting is not lawfully called. At such a meeting any business may be transacted which the Corporation at a meeting of shareholders may transact. If the meeting is held at a place outside Canada, shareholders not present or represented by proxy, but who have waived notice of or otherwise consented to such meeting, shall also be deemed to have consented to the meeting being held at such place.

9.08 Omission of Notice

The accidental omission to give notice of any meeting or any irregularity in the notice of any meeting or the non-receipt of any notice by any shareholder or shareholders, director or directors or the auditor of the Corporation shall not invalidate any resolution passed or any proceedings taken at any meetings of shareholders.

9.09 Chairman, Secretary and Scrutineers

The chairman of any meeting of shareholders shall be the first mentioned of such of the following officers as have been appointed and who is present at the meeting: The Chairman, the President or a Vice-President who is a director and a shareholder. If no such officer is present within 15 minutes from the time fixed for holding the meeting, the persons present and entitled to vote shall choose one of their number to be chairman. If the Secretary of the Corporation is absent, the chairman shall appoint some person, who need not be a shareholder, to act as secretary of the meeting. If desired, one or more scrutineers, who need not be shareholders, may be appointed by a resolution or by the chairman with the consent of the meeting.

9.09A Persons Entitled to be Present

The only persons entitled to be present at a meeting of shareholders shall be those entitled to vote thereat, the directors and the auditor of the Corporation and others who, although not entitled to vote are entitled or required under any provision of the Act or the articles or the by-laws to be present at the meeting. Any other person may be admitted only on the invitation of the chairman of the meeting or with the consent of the meeting.

9.10 Quorum

Subject to paragraph 9.20, two persons present in person representing not less than 5% of the issued and outstanding common shares of the Corporation, each being a shareholder entitled to vote at the meeting or a duly appointed proxyholder for an absent shareholder entitled to vote at the meeting shall be a quorum at any meeting of the shareholders. If at any meeting, the requisite quorum is not present within half an hour after the time appointed for the meeting, then the meeting shall be adjourned to such date not being less than 10 days later and to such time and place as may be announced by the chairman at the meeting and subject to 9.18, it shall not be necessary to give notice of the adjourned meeting.

At such adjourned meeting the persons present at such meeting, provided that there are at least two such persons present in person, each being a shareholder entitled to vote at the meeting or a duly appointed proxyholder

for an absent shareholder entitled to vote at the meeting, shall be a quorum for the transaction of the business for which the meeting was originally called.

9.11 Right to Vote

Subject to the provisions of the Act as to authorized representatives of any other body corporate or association, at any meeting of shareholders for which the Corporation has prepared the list referred to in paragraph 9.05, every person who is named in such list shall be entitled to vote the shares shown opposite his name except to the extent that such person has transferred any of his shares after the record date determined in accordance with paragraph 9.06 and the transferee, having produced properly endorsed certificates evidencing such shares or having otherwise established that he owns such shares, has demanded not later than 10 days before the meeting that his name be included in such list. In any such case the transferee shall be entitled to vote the transferred shares at the meeting. At any meeting of shareholders for which the Corporation has not prepared the list referred to in paragraph 9.05, every person shall be entitled to vote at the meeting who at the time is entered in the securities register as the holder of one or more shares carrying the right to vote at such meeting.

9.12 Proxies

Every shareholder entitled to vote at a meeting of shareholders may appoint a proxyholder, or one or more alternate proxyholders, who need not be shareholders, to attend and act at the meeting in the manner and to the extent authorized and with the authority conferred by the proxy. A proxy shall be in writing executed by the shareholder or his attorney authorized in writing and shall conform with the requirements of the Act.

9.13 Time for Deposit of Proxies

The board may by resolution specify in a notice calling a meeting of shareholders a time, preceding the time of such meeting or an adjournment thereof by not more than 48 hours exclusive of any part of a non-business day, before which time proxies to be used at such meeting must be deposited. A proxy shall be acted upon only if, prior to the time so specified, it shall have been deposited with the Corporation or an agent thereof specified in such notice or, if no such time is specified in such notice, only if it has been received by the Secretary of the Corporation or by the chairman of the meeting or any adjournment thereof prior to the time of voting.

9.14 Joint Shareholders

If two or more persons hold shares jointly, any one of them present in person or represented by proxy at a meeting of shareholders may, in the absence of the other or others, vote the shares; but if two or more of those persons are present in person or represented by proxy and vote, they shall vote as one the shares jointly held by them.

9.15 Votes to Govern

At any meeting of shareholders every question shall, unless otherwise required by the articles or by-laws or by law, be determined by a majority of the votes cast on the question. In case of an equality of votes either upon a show of hands or upon a poll, the chairman of the meeting shall not be entitled to a second or casting vote.

9.16 Show of Hands

Subject to the provisions of the Act, any question at a meeting of shareholders shall be decided by a show of hands unless a ballot thereon is required or demanded as hereinafter provided. Upon a show of hands every person who is present and entitled to vote shall have one vote. Whenever a vote by show of hands shall have been taken upon a question, unless a ballot thereon is so required or demanded, a declaration by the chairman of the meeting that the vote upon the question has been carried or carried by a particular majority or not carried and an entry to that effect in the minutes of the meeting shall be prima facie evidence of the fact without proof of the number or proportion of the votes recorded in favour of or against any resolution or other proceeding in respect of the said question, and the result of the vote so taken shall be the decision of the shareholders upon the said question.

9.17 Ballots

On any question proposed for consideration at a meeting of shareholders, and whether or not a vote by show of hands has been taken thereon, any shareholder or proxyholder entitled to vote at the meeting may require or demand a ballot. A ballot so required or demanded shall be taken in such manner as the chairman shall direct. A requirement or demand for a ballot may be withdrawn at any time prior to the taking of the ballot. If a ballot is taken each person present shall be entitled, in respect of the shares which he is entitled to vote at the meeting upon the question, to that number of votes provided by the Act or the articles, and the result of the ballot so taken shall be the decision of the shareholders upon the said question.

9.18 Adjournment

Without limitation to the power of the board to postpone any meeting of shareholders in accordance with the Act, the chairman at the meeting of shareholders may with the consent of the meeting and subject to such conditions as the meeting may decide, or where otherwise permitted under the provisions of the Act, adjourn the meeting from time to time and from place to place. If a meeting of shareholders is adjourned for less than 30 days, it shall not be necessary to give notice of the adjourned meeting, other than by announcement at the earliest meeting that is adjourned. If a meeting of shareholders is adjourned by one or more adjournments for an aggregate of 30 days or more, notice of the adjourned meeting shall be given as for an original meeting.

9.19 Resolution in Writing

A resolution in writing signed by all the shareholders entitled to vote on that resolution at a meeting of shareholders is as valid as if it had been passed at a meeting of the shareholders unless a written statement with respect to the subject matter of the resolution is submitted by a director or the auditor in accordance with the Act.

9.20 Only One Shareholder

Where the Corporation has only one shareholder or only one holder of any class or series of shares, all business which the Corporation may transact at an annual or special meeting of shareholders shall be transacted in the manner provided for in paragraph 9.19.

SECTION NINE A

ADVANCE NOTICE POLICY

9.A Nomination of Directors

For purposes of this Section 9.A, (i) “public announcement” shall mean disclosure in a press release reported by a national news service in Canada, or in a document publicly filed by the Corporation under its profile on the System of Electronic Document Analysis and Retrieval at www.sedar.com; and (ii) “Applicable Securities Laws” means the applicable *Securities Act* of each relevant province and territory of Canada, as amended from time to time, the rules, regulations and forms made or promulgated under any such statute and the published national instruments, multilateral instruments, policies, bulletins and notices of the securities commission and similar regulatory authority of each province and territory of Canada.

Subject only to the Act and the articles of the Corporation, only persons who are nominated in accordance with the following procedures shall be eligible for election as directors of the Corporation. Nominations of persons for election to the board may be made at any annual meeting of shareholders, or at any special meeting of shareholders if one of the purposes for which the special meeting was called was the election of directors, (a) by or at the direction of the board or an authorized officer of the Corporation, including pursuant to a notice of meeting, (b) by or at the direction or request of one or more shareholders pursuant to a proposal made in accordance with the provisions of the Act or a requisition of the shareholders made in accordance with the provisions of the Act or (c) by any person (a “Nominating Shareholder”) (i) who, at the close of business on the date of the giving of the notice provided for below in this Section 9.A and on the record date for notice of such meeting, is entered in the securities register as a holder of one or more shares carrying the right to vote at such meeting or who beneficially owns shares

that are entitled to be voted at such meeting and (ii) who complies with the notice procedures set forth below in this Section 9.A.

In addition to any other applicable requirements, for a nomination to be made by a Nominating Shareholder, the Nominating Shareholder must have given timely notice thereof in proper written form to the Secretary of the Corporation at the principal executive offices of the Corporation in accordance with this Section 9.A.

To be timely, a Nominating Shareholder's notice to the Secretary of the Corporation must be made (a) in the case of an annual meeting of shareholders, not less than 30 nor more than 65 days prior to the date of the annual meeting of shareholders; provided, however, that in the event that the annual meeting of shareholders is called for a date that is less than 50 days after the date (the "Notice Date") on which the first public announcement of the date of the annual meeting was made, notice by the Nominating Shareholder may be made not later than the close of business on the tenth (10th) day following the Notice Date; and (b) in the case of a special meeting (which is not also an annual meeting) of shareholders called for the purpose of electing directors (whether or not called for other purposes), not later than the close of business on the fifteenth (15th) day following the day on which the first public announcement of the date of the special meeting of shareholders was made. Notwithstanding the foregoing, the board may, in its sole discretion, waive any requirement in this paragraph. In no event shall any adjournment or postponement of a meeting of shareholders or the announcement thereof commence a new time period for the giving of a Nominating Shareholder's notice as described above.

To be in proper written form, a Nominating Shareholder's notice to the Secretary of the Corporation must set forth (a) as to each person whom the Nominating Shareholder proposes to nominate for election as a director (i) the name, age, business address and residence address of the person, (ii) the principal occupation or employment of the person, (iii) the class or series and number of shares in the capital of the Corporation which are controlled or which are owned beneficially or of record by the person as of the record date for the meeting of shareholders (if such date shall then have been made publicly available and shall have occurred) and as of the date of such notice, and (iv) any other information relating to the person that would be required to be disclosed in a dissident's proxy circular in connection with solicitations of proxies for election of directors pursuant to the Act and Applicable Securities Laws (as defined below); and (b) as to the Nominating Shareholder giving the notice, any proxy, contract, arrangement, understanding or relationship pursuant to which such Nominating Shareholder has a right to vote any shares of the Corporation and any other information relating to such Nominating Shareholder that would be required to be made in a dissident's proxy circular in connection with solicitations of proxies for election of directors pursuant to the Act and Applicable Securities Laws. The Corporation may require any proposed nominee to furnish such other information as may reasonably be required by the Corporation to determine the eligibility of such proposed nominee to serve as an independent director of the Corporation or that could be material to a reasonable shareholder's understanding of the independence, or lack thereof, of such proposed nominee.

No person shall be eligible for election as a director of the Corporation unless nominated in accordance with the provisions of this Section 9.A; provided, however, that nothing in this Section 9.A shall be deemed to preclude discussion by a shareholder (as distinct from nominating directors) at a meeting of shareholders of any matter in respect of which it would have been entitled to submit a proposal pursuant to the provisions of the Act. The chairman of the meeting shall have the power and duty to determine whether a nomination was made in accordance with the procedures set forth in the foregoing provisions and, if any proposed nomination is not in compliance with such foregoing provisions, to declare that such defective nomination shall be disregarded.

Notwithstanding any other provision of By-law No. 1, notice given to the Secretary of the Corporation pursuant to this Section 9.A may only be given by personal delivery, facsimile transmission or by email (at such email address as stipulated from time to time by the Secretary of the Corporation for purposes of this notice), and shall be deemed to have been given and made only at the time it is served by personal delivery, email (at the address as aforesaid) or sent by facsimile transmission (provided that receipt of confirmation of such transmission has been received) to the Secretary at the address of the principal executive offices of the Corporation; provided that if such delivery or electronic communication is made on a day which is a not a business day or later than 5:00 p.m. (Toronto time) on a day which is a business day, then such delivery or electronic communication shall be deemed to have been made on the subsequent day that is a business day.

The Board may, in its sole discretion, waive any requirement in this Section 9.A.

SECTION TEN

INFORMATION AVAILABLE TO SHAREHOLDERS

10.01 Confidential Information Available to Shareholders

Except as provided by the Act, no shareholder shall be entitled to discovery of any information respecting any details or conduct of the Corporation's business which in the opinion of the directors it would be inexpedient in the interests of the Corporation to communicate to the public.

10.02 Availability of Corporate Records to Shareholders

The directors may from time to time, subject to the rights conferred by the Act, determine whether and to what extent and at what time and place and under what conditions or regulations the documents, books and registers and accounting records of the Corporation or any of them shall be open to the inspection of shareholders and no shareholder shall have any right to inspect any document or book or register or accounting record of the Corporation except as conferred by statute or authorized by the board or by a resolution of the shareholders at a general meeting.

SECTION ELEVEN

DIVISIONS AND DEPARTMENTS

11.01 Creation and Consolidation of Divisions

The board may cause the business and operations of the Corporation or any part thereof to be divided or to be segregated into one or more divisions upon such basis, including without limitation, character or type of operation, geographical territory, product manufactured or service rendered, as the board may consider appropriate in each case. The board may also cause the business and operations of any such division to be further divided into sub-units and the business and operations or any such divisions or sub-units to be consolidated upon such basis as the board may consider appropriate in each case.

11.02 Name of Division

Any division or its sub-units may be designated by such name as the board may from time to time determine and may transact business under such name, provided that the Corporation shall set out its name in legible characters in all contracts, invoices, negotiable instruments and orders for goods or services issued or made by or on behalf of the Corporation.

11.03 Officers of Division

From time to time the board or, if authorized by the board, the Chief Executive Officer, may appoint one or more officers for any division, prescribe their powers and duties and settle their terms of employment and remuneration. The board or, if authorized by the board, the Chief Executive Officer, may remove at its or his pleasure any officer so appointed, without prejudice to such officer's rights under any employment contract. Officers of divisions or their sub-units shall not, as such, be officers of the Corporation.

11.04 Execution of Instruments

Contracts or documents requiring the signature of the Corporation and relating only to a particular division of the Corporation may be signed by one of the divisional officers appointed pursuant to paragraph 11.03 with respect to such division. All such contracts or documents so signed shall be binding upon the Corporation without further authorization or formality.

SECTION TWELVE

NOTICES

12.01 Method of Giving Notices

Any notice (which term includes any communication or document) to be given (which term includes sent, delivered or served) pursuant to the Act, the regulations thereunder, the articles, the by-laws or otherwise to a shareholder, director, officer, auditor or member of a committee of the board shall be sufficiently given if delivered personally to the person to whom it is to be given or if delivered to his recorded address or if mailed to him at his recorded address by prepaid mail or if sent to him at his recorded address by any means of prepaid transmitted or recorded communication. A notice so delivered shall be deemed to have been given when it is delivered personally or to the recorded address as aforesaid; a notice so mailed shall be deemed to have been given when deposited in a post office or public letter box and shall be deemed to have been received on the fifth day after so depositing; and a notice so sent by any means of transmitted or recorded communication shall be deemed to have been given when dispatched or delivered to the appropriate communication company or agency or its representative for dispatch. The Secretary may change or cause to be changed the recorded address of any shareholder, director, officer, auditor or member of a committee of the board in accordance with any information believed by him to be reliable.

12.02 Signature to Notices

The signature of any director or officer of the Corporation to any notice or document to be given by the Corporation may be written, stamped, typewritten or printed or partly written, stamped, typewritten or printed.

12.03 Proof of Service

A certificate of the Chairman of the board (if any), the President, a Vice-President, the Secretary or the Treasurer or of any other officer of the Corporation in office at the time of the making of the certificate or of a transfer officer of any transfer agent or branch transfer agent of shares of any class of the Corporation as to the facts in relation to the mailing or delivery of any notice or other document to any shareholder, director, officer or auditor or publication of any notice or other document shall be conclusive evidence thereof and shall be binding on every shareholder, director, officer or auditor of the Corporation as the case may be.

12.04 Notice to Joint Shareholders

All notices with respect to shares registered in more than one name shall, if more than one address appears on the records of the Corporation in respect of such joint holdings, be given to all of such joint shareholders at the first address so appearing, and notice so given shall be sufficient notice to the holders of such shares.

12.05 Computation of Time

In computing the date when notice must be given under any provision requiring a specified number of days notice of any meeting or other event both the date of giving the notice and the date of the meeting or other event shall be excluded.

12.06 Undelivered Notices

If any notice given to a shareholder pursuant to paragraph 12.01 is returned on three consecutive occasions because he cannot be found, the Corporation shall not be required to give any further notices to such shareholder until he informs the Corporation in writing of his new address.

12.07 Omissions and Errors

The accidental omission to give any notice to any shareholder, director, officer, auditor or member of a committee of the board or the non-receipt of any notice by any such person or any error in any notice not affecting the substance thereof shall not invalidate any action taken at any meeting held pursuant to such notice or otherwise found thereon.

12.08 Deceased Shareholders

Any notice or other document delivered or sent by post or left at the address of any shareholder as the same appears in the records of the Corporation shall, notwithstanding that such shareholder be then deceased, and whether or not the Corporation has notice of his decease, be deemed to have been duly served in respect of the shares held by such shareholder (whether held solely or with any person or persons) until some other person be entered in his stead in the records of the Corporation as the holder or one of the holders thereof and such service shall for all purposes be deemed a sufficient service of such notice or document on his heirs, executors or administrators and on all persons, if any, interested with him in such shares.

12.09 Persons Entitled by Death or Operation of Law

Every person who, by operation of law, transfer, death of a shareholder or any other means whatsoever, shall become entitled to any share, shall be bound by every notice in respect of such share which shall have been duly given to the shareholder from whom he derives his title to such share prior to his name and address being entered on the securities register (whether such notice was given before or after the happening of the event upon which he became so entitled) and prior to his furnishing to the Corporation the proof of authority or evidence of his entitlement prescribed by the Act.

12.10 Waiver of Notice

Any shareholder (or his duly appointed proxyholder), director, officer, auditor or member of a committee of the board may at any time waive any notice, or waive or abridge the time for any notice, required to be given to him under any provision of the Act, the regulations thereunder, the articles, the by-laws or otherwise and such waiver or abridgement, whether given before or after the meeting or other event of which notice is required to be given shall cure any default in the giving or in the time of such notice, as the case may be. Any such waiver or abridgement shall be in writing except a waiver of notice of a meeting of shareholders or of the board or of a committee of the board which may be given in any manner.

SECTION THIRTEEN

EFFECTIVE DATE

13.01 Effective Date

This by-law shall come into force on November 11, 2020.