



COMPUTER MODELLING GROUP LTD.

NOTICE OF MEETING

and

MANAGEMENT INFORMATION CIRCULAR

**For the Annual Meeting of Shareholders
to be held on July 8, 2021**

May 19, 2021

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**COMPUTER MODELLING GROUP LTD.
NOTICE OF ANNUAL MEETING OF SHAREHOLDERS**

You are hereby invited to the annual meeting (the “Meeting”) of the shareholders of Computer Modelling Group Ltd. (the “Corporation”).

When July 8, 2021 at 10:00 a.m. (Calgary time)

Where Virtual-only meeting via live audio webcast online at
<https://web.lumiagm.com/261614075>

To mitigate risks to the health and safety of our shareholders, employees and other stakeholders arising from the outbreak of COVID-19, we will hold the Meeting in a “virtual only” format, via live audio webcast. Shareholders will have the opportunity to participate at the meeting regardless of their geographic location. Registered shareholders and duly appointed proxyholders will be able to participate in the meeting, ask questions and vote in real time, provided they are connected to the internet and comply with the requirements set out in the management information circular. Non-registered (or beneficial) shareholders who have not duly appointed themselves as proxyholder will be able to attend the meeting as guests, however guests will not be able to vote at the meeting.

The following items of business will be covered at the Meeting:

1. receive the audited consolidated financial statements of the Corporation for the year ended March 31, 2021 together with the report of the auditors thereon;
2. set the number of directors and elect directors of the Corporation for the ensuing year (please see the section entitled “Election of Directors” in the management information circular);
3. appoint KPMG LLP as the auditors of the Corporation for the ensuing year and authorize the Board of Directors to fix the auditors’ remuneration (please see the section entitled “Appointment of Auditors” in the management information circular);
4. to consider, and if deemed advisable, pass a resolution to approve the renewal of the Corporation’s shareholder rights plan as more particularly described in the accompanying management information circular; and
5. transact such further or other business as may properly come before the Meeting or any adjournment or postponement thereof.

Particulars of the matters referred to above, as well as important information about the Meeting and the voting process, are set forth in the accompanying management information circular. **Please read it carefully before you vote.**

We are using notice and access to deliver the management information circular, 2021 audited consolidated financial statements and related management’s discussion and analysis (collectively, the “Meeting Materials”) to shareholders, instead of mailing paper copies. Notice and access is a set of rules developed by the Canadian Securities Administrators that allows companies to post meeting materials online, thereby reducing paper and mailing costs.

You can view the Meeting Materials at: <https://www.cmgl.ca/investors/agm> or www.sedar.com. Shareholders may request to receive a paper copy of the Meeting Materials by mail. We will send them to you free of charge, but we need to receive your request by 10:00 a.m. (Calgary Time) on June 30, 2021, so that paper copies of the Meeting Materials are received in advance of the voting deadline, and in any event, within one year of filing the management information circular on SEDAR. Requests for paper copies may be made using your control number as it appears on your enclosed Voting Instruction Form or Form of Proxy. If you do request the current materials, please note that another Voting Instruction Form/Form of Proxy will not be sent; please retain your current one for voting purposes.

To request a paper copy of the Meeting Materials before the meeting date, please call the number below and follow the instructions.

For shareholders with a 15-digit control number:

Toll free, within North America: 1-866-962-0498

Outside of North America: 1-514-982-8716

For shareholders with a 16-digit control number:

Toll free, within North America: 1-877-907-7643

To request a paper copy of the Meeting Materials after the meeting date, please call:

Toll free, within North America: 1-833-621-0749

Outside of North America: 1-403-531-1300

Please note: you cannot vote by returning this notice. To vote your shares, you must vote using the methods reflected on your enclosed Voting Instruction Form or Form of Proxy. Computershare **must receive your completed form of proxy no later than 10:00 a.m. (Calgary time) on July 6, 2021** or, in the case of any adjournment or postponement of the meeting, not less than 48 hours (excluding Saturdays, Sundays and statutory holidays) before the time of the adjourned or postponed meeting.

If you have questions about notice and access, call 1-866-964-0492 or visit

www.computershare.com/noticeandaccess.

DATED at Calgary, Alberta, this 19th day of May, 2021.

By Order of the Board of Directors of
Computer Modelling Group Ltd.

(signed) "Ryan N. Schneider"

Ryan N. Schneider

President and Chief Executive Officer

**COMPUTER MODELLING GROUP LTD.
MANAGEMENT INFORMATION CIRCULAR**

**For the Annual Meeting of Shareholders
to be held on July 8, 2021**

This management information circular (the “Information Circular”) is furnished in connection with the solicitation of proxies by the Management of Computer Modelling Group Ltd. (the “Corporation” or “CMG”) for use at the annual meeting (the “Meeting”) of the holders (“shareholders”) of common shares (“Common Shares”) of the Corporation to be held on July 8, 2021, at 10:00 a.m. (Calgary time) in a virtual-only format for the purposes set out in the accompanying Notice of Meeting. All shareholders will be able to participate in the Meeting, which is to be conducted via live audio webcast at <https://web.lumiagm.com/261614075>. The solicitation of proxies is intended to be primarily by mail but may also be made by telephone, facsimile transmission or other electronic means of communication or in person by the directors and officers of the Corporation. The cost of such solicitation will be borne by the Corporation. Except where otherwise stated, the information contained herein is given as of the 19th day of May, 2021.

Shareholders and appointed proxyholders can attend the meeting as follows:

- Visit the website <https://web.lumiagm.com/261614075>. We recommend visiting the site before the start of the meeting to ensure it works on your computer or device;
- If you are a registered shareholder or appointed proxyholder, select “I have a login” and enter username and password:
 - For registered shareholders, your username is the 15-digit control number located on your Form of Proxy provided by Computershare Trust Company of Canada (“Computershare”);
 - For appointed proxyholders, enter the username provided by Computershare via email;
 - Password: cmg2021
- Non-registered shareholders who have not appointed themselves as proxyholder, select “I am a guest” and complete the online form.

You can vote your shares by proxy or by attending the virtual Meeting and voting. The rules for voting depend on whether you are a Registered Shareholder or a Beneficial Shareholder. Registered Shareholders may vote at the Meeting by completing a ballot online during the Meeting, as described below under “Voting and Proxy Information – Advice to Registered Shareholders”. If you are a Beneficial Shareholder and you want to vote at the Meeting, you have to appoint yourself a proxyholder as described below under “Voting and Proxy Information – Advice to Beneficial Shareholders”. Beneficial Shareholders who have not appointed themselves as proxyholders will be able to attend the Meeting as guests and ask questions, but will not be able to vote. Shareholders who wish to appoint a third-party proxyholder to represent them at the online Meeting must submit their proxy or voting instruction form (as applicable) prior to registering their proxyholder. Registering your proxyholder is an additional step once you have submitted your proxy or voting instruction form. Failure to register the proxyholder will result in the proxyholder not receiving a username to participate in the Meeting. To register a proxyholder, shareholders MUST visit <http://www.computershare.com/CMG> by 10:00 a.m. (Calgary time) on July 6, 2021 and provide Computershare with their proxyholder’s contact information, so that Computershare may provide the proxyholder with a username via email.

To ensure that you will be represented at the Meeting in the event that you are unable to attend, you are requested, if you are a Registered Shareholder, to date, complete and sign the instrument of proxy provided by Computershare and return the same to Computershare at 8th Floor, 100 University Avenue, Toronto, Ontario, M5J 2Y1, and, if you are a Beneficial Shareholder, to cause your broker or other nominee to do so.

VOTING AND PROXY INFORMATION

Advice to Registered Shareholders

Registered Shareholders are shareholders of the Corporation whose names are registered on the share registers of the Corporation maintained by its transfer agent, Computershare (“**Registered Shareholders**”). Registered Shareholders can vote their shares virtually at the Meeting or by proxy. To vote at the virtual meeting, log in as set forth above and click on the voting icon when the Chairman of the Meeting declares the poll open.

Registered Shareholders may also vote their Common Shares by proxy. The individuals named in the accompanying form of proxy are directors and/or officers of the Corporation. **A Registered Shareholder wishing to appoint some other person (who need not be a shareholder) to represent him or her at the Meeting has the right to do so, either by inserting such person’s name in the blank space provided in the form of proxy, or by completing another form of proxy, and by registering such proxyholder at <http://www.computershare.com/CMG> by 10:00 a.m. (Calgary time) on July 6, 2021 so that Computershare may provide the proxyholder with a username via email.** Such a shareholder should notify the nominee of his or her appointment, obtain his or her consent to act as proxy and instruct him or her on how the shareholder’s shares are to be voted. In any case, the form of proxy should be dated and executed by the shareholder or his or her attorney authorized in writing or, if the shareholder is a corporation, under its corporate seal, or by an officer or attorney thereof duly authorized.

All proxies must be deposited with Computershare by no later than 10:00 a.m. (Calgary time) on July 6, 2021, or two business days preceding the date of any adjournment or postponement of the Meeting. The Chairman of the Meeting may waive or extend the proxy cut-off without notice. Registered Shareholders may deposit their proxies by:

- (i) mail using the enclosed return envelope;
- (ii) hand delivery to Computershare, 8th Floor, 100 University Avenue, Toronto, Ontario, M5J 2Y1;
- (iii) telephone at 1-866-732-VOTE (8683) (toll free within North America), using the 15-digit control number located at the bottom of your proxy; or
- (iv) internet at www.investorvote.com, using the 15-digit control number located at the bottom of your proxy.

Shareholders should have the form of proxy in hand when they access the website. Shareholders will be prompted to enter their control number, which is located on the form of proxy. The website may be used to appoint a proxyholder to attend and vote on a shareholder’s behalf at the Meeting and to convey a shareholder’s voting instructions.

In addition to revocation in any other manner permitted by law, a Registered Shareholder who has given a proxy may revoke it at any time before it is exercised, by instrument in writing executed by the Registered Shareholder or by his attorney authorized in writing or if the shareholder is a corporation, by a duly authorized officer or attorney and deposited either at the registered office of the Corporation at any time up to and including the last business day preceding the day of the Meeting, or any adjournment or postponement thereof, at which the proxy is to be used, or with the Chairman of the Meeting on the day of the Meeting or any adjournment or postponement thereof. If you login to the meeting using your control number and you accept the terms and conditions, you will be revoking any and all previously submitted proxies and will be provided the opportunity to vote online by ballot.

Advice to Beneficial Shareholders

The information set forth in this section is important to many shareholders of the Corporation, as a substantial number of shareholders do not hold shares registered in their own names on the share registers of the Corporation, but instead hold the shares through a broker, trustee or other nominee (“Beneficial Shareholders”).

Beneficial Shareholders should note that only proxies deposited by Registered Shareholders can be recognized and acted upon at the Meeting. If Common Shares are listed in an account statement provided to a shareholder by a broker, then in almost all cases those Common Shares will not be registered in the shareholder’s name on the records of the Corporation. Such Common Shares will more likely be registered under the names of the shareholder’s broker or an agent of that broker. In Canada, the vast majority of such shares are registered under the name of CDS & Co. Common Shares held by brokers or their agents or nominees can only be voted (for or against resolutions) upon the instructions of the Beneficial Shareholder. Without specific instructions, brokers and their agents and nominees are prohibited from voting shares for the broker’s clients. **Therefore, Beneficial Shareholders who wish to have their Common Shares voted at the Meeting must ensure that instructions respecting the voting of their Common Shares are communicated to the appropriate person.**

There are two kinds of Beneficial Shareholders: those who have objected to their name being made known to the Corporation (called “**OBOs**” or Objecting Beneficial Owners) and those who have not objected (called “**NOBOs**” or Non-Objecting Beneficial Owners).

The Corporation is sending proxy-related materials directly to its NOBOs under National Instrument 54-101 *Communication with Beneficial Owners of a Reporting Issuer*. As a result, NOBOs can expect to receive a voting instruction form from the Corporation’s transfer agent, Computershare. NOBOs should return their instructions as specified in the voting instruction form. NOBOs that wish to attend the Meeting and vote in person (or appoint someone else to attend the Meeting and vote on such NOBOs’ behalf) can appoint themselves (or someone else) as a proxyholder by following the applicable instructions on the voting instruction form. By choosing to send these materials to you directly, the Corporation (and not the intermediary/broker holding on your behalf) has assumed responsibility for (i) delivering these materials to you, and (ii) executing your proper voting instructions.

With respect to OBOs, the Corporation intends to pay for intermediaries/brokers to deliver, to OBOs, materials for the Meeting. Applicable Canadian securities regulatory policy requires brokers and other intermediaries to whom Meeting materials have been sent to seek voting instructions from OBOs in advance of shareholders’ meetings. Every intermediary/broker has its own mailing procedures and provides its own return instructions to clients, which should be carefully followed by OBOs to ensure that their Common Shares are voted at the Meeting. The majority of brokers now delegate responsibility for obtaining instructions from clients to Broadridge Financial Solutions, Inc. (“**Broadridge**”). Broadridge typically provides a scannable voting instruction form in lieu of the form of proxy provided by the Corporation and the OBO is requested to complete and return the voting instruction form to Broadridge. **An OBO receiving a voting instruction form from Broadridge cannot use that form to vote Common Shares directly at the Meeting, as the Broadridge voting instruction form must be returned as directed by Broadridge well in advance of the Meeting to have the Common Shares voted.** OBOs that wish to attend the virtual Meeting and vote (or appoint someone else to attend the Meeting and vote on such OBOs’ behalf) can appoint themselves (or someone else) as proxyholder by following the applicable voting instructions.

Although a Beneficial Shareholder may not be recognized directly at the Meeting for the purposes of voting Common Shares registered in the name of his broker (or agent of the broker or nominee), a Beneficial Shareholder may attend at the Meeting as proxy holder for the Registered Shareholder and vote the Common Shares in that capacity. Beneficial Shareholders who wish to attend at the Meeting and vote their Common Shares as proxy holder for their Registered Shareholder, should enter their own names in the blank space on the instrument of proxy provided to them and return the same to their broker (or the broker’s agent or nominee) in accordance with the instructions provided by such broker (or agent or nominee), well in advance of the Meeting.

Voting of Proxies

The persons named in the enclosed form of proxy have indicated their willingness to represent, as proxy holders, the Registered Shareholders who appoint them. Each Registered Shareholder may instruct his proxy holder how to vote his shares by completing the blanks in the form of proxy.

Shares represented by properly executed proxy forms in favour of the persons designated in the enclosed proxy form will be voted or withheld from voting on any ballot that may be called for in accordance with instructions made on the proxy form and, if a Registered Shareholder specifies a choice as to any matters to be acted on, such shareholder's shares shall be voted accordingly. In the absence of such instructions, such shares **will be voted in favour of all matters identified in the Notice of Meeting accompanying this Information Circular.**

The enclosed form of proxy confers discretionary authority upon the persons named therein with respect to amendments and variations to matters identified in the Notice of Meeting and with respect to any other matters which may properly come before the Meeting or any adjournment or postponement thereof, in each instance, to the extent permitted by law, whether or not the amendment, variation or other matter that comes before the meeting is routine and whether or not the amendment, variation or other matter that comes before the meeting is contested. At the time of printing this Information Circular, the management of the Corporation knows of no such amendments, variations or other matters to come before the Meeting.

NOTICE AND ACCESS

We are using "notice and access" to deliver our Meeting materials to both Registered Shareholders and Beneficial Shareholders. The Corporation will post the Notice of Meeting, Information Circular, audited consolidated financial statements for the year ended March 31, 2021 and related management's discussion and analysis (collectively, the "**Meeting Materials**") online for shareholders to access electronically. Notice and access is an environmentally responsible and cost-effective way to distribute the Meeting Materials because it reduces printing, paper and postage.

Shareholders will receive a package in the mail containing a form of proxy or voting instruction form, a notice outlining the business items to be addressed at the Meeting as well as information about how to access the Meeting Materials online, how to obtain paper copies of the Meeting Materials at no charge, and how to vote.

If you would like us to mail you a paper copy of the Meeting Materials at no charge, please follow the instructions in the Notice of Meeting.

VOTING SECURITIES AND PRINCIPAL HOLDERS THEREOF

The Corporation's issued and outstanding share capital consists of 80,286,103 Common Shares. Holders of Common Shares are entitled to one vote for each Common Share held on all matters to be considered and acted upon at the Meeting or any adjournment or postponement thereof.

The Corporation has set the close of business on May 19, 2021 as the record date for the Meeting. The Corporation will prepare a list of shareholders of record at such time. Holders of Common Shares named on that list will be entitled to vote the shares then registered in their names at the Meeting, except to the extent that (a) the holder has transferred the ownership of any of his Common Shares after that date, and (b) the transferee of those Common Shares produces properly endorsed share certificates, or otherwise establishes that he or she owns the Common Shares, and demands at any time before the Meeting that his or her name be included in the list of persons entitled to vote at the Meeting, in which case the transferee will be entitled to vote his or her Common Shares at the Meeting or any adjournment or postponement thereof.

To the knowledge of the directors and executive officers of the Corporation, as at May 19, 2021, no person, firm or corporation beneficially owned, directly or indirectly, or exercised control or direction over, voting securities carrying more than 10 percent of the voting rights attached to any class of voting securities of the Corporation, except as stated below:

Name of Shareholder	Approximate Number of Common Shares Held	Percentage of Total Outstanding Common Shares
EdgePoint Investment Group Inc.	15,072,157	18.8%
Burgundy Asset Management Ltd.	13,998,402	17.4%

BUSINESS OF THE MEETING

Receipt of the Audited Consolidated Financial Statements and Auditors' Report

The audited consolidated financial statements of the Corporation for the year ended March 31, 2021 and the auditors' report thereon will be placed before the shareholders at the Meeting. No formal action will be taken at the Meeting to approve the financial statements, which have already been reviewed by the Audit Committee and approved by the Board of Directors (the "**Board**"). They have also been audited by the Corporation's external auditor, KPMG LLP, Chartered Professional Accountants. If any shareholders have questions respecting the financial statements, the questions may be brought forward at the Meeting.

The financial statements and auditor's report have been provided to each shareholder entitled to receive a copy. Copies are also available online at www.cmgl.ca or at www.sedar.com or you can request a copy from our Investor Relations department at CMG-investors@cmgl.ca or using the contact information on page 68.

Election of Directors

At present, the Board of the Corporation may consist of a minimum of three and a maximum of nine directors. It is proposed that the number of persons to be elected as directors at the meeting be set at nine. Management proposes the following nominees Ms. Athaide and Messrs. Billowits, Dedeluk, Fong, Jamieson, Kinash, Miller, Schneider and Zaozirny be re-elected as directors by holders of Common Shares. All of the nominated directors currently serve on the Board. Eight of the nine director nominees were elected to the Board at the 2020 annual meeting. Mr. Billowits was appointed to the Board effective January 20, 2021 and is standing for election at the Meeting. The term of office for each director is from the date of the Meeting at which they are elected until the next annual meeting of shareholders or until their successor is elected or appointed.

The voting results from last year's shareholder meeting for the directors that are standing for re-election, were as follows:

Director	Votes For	% of votes for	Votes Withheld	% of Votes Withheld
Judith J. Athaide	62,270,314	99.15	535,815	0.85
Kenneth M. Dedeluk	58,300,493	92.83	4,505,636	7.17
Christopher L. Fong	62,054,365	98.80	751,764	1.20
Patrick R. Jamieson	55,708,714	88.70	7,097,415	11.30
Peter H. Kinash	58,063,371	92.45	4,742,758	7.55
Mark R. Miller	62,707,992	99.84	98,137	0.16
Ryan N. Schneider	62,771,266	99.94	34,863	0.06
John B. Zaozirny	58,314,888	92.85	4,491,241	7.15

Each of the proposed nominees has consented to be named in this Information Circular and to serve as a director of the Corporation, if elected. Management does not contemplate that any of the nominees will be unable to serve as a director but if that should occur for any reason prior to the Meeting, the persons designated in the enclosed form of proxy, unless directed to withhold from voting, reserve the right to vote for other nominees at their discretion.

The enclosed form of proxy permits you to vote in favour of some nominees and to withhold votes for other nominees, or to withhold votes for all nominees. **The Board recommends voting FOR the election of our nominated directors.** Unless instructed otherwise, the Management appointees will vote FOR each of the nominated directors.

Majority Voting Policy

The Board has adopted a majority voting process to deal with circumstances in which a nominee receives a greater number of votes “withheld” from his or her election than votes “for” in an uncontested election of directors (a “**Majority Withheld Vote**”). Pursuant to this process, any nominee director who receives a greater number of “withheld” votes from his or her election than votes “for” such election will be considered by the Board not to have received the support of the shareholders, even though such nominee is duly elected as a matter of corporate law. Such nominee will be expected to promptly tender his or her resignation to the Board, effective on acceptance by the Board. The Board shall promptly accept the resignation of any nominee who receives a Majority Withheld Vote unless the Governance Committee determines that there are exceptional circumstances relating to the composition of the Board or the voting results that should delay the acceptance of the resignation or justify rejecting it.

The Board shall accept (or in rare cases, reject) the resignation within 90 days of the applicable shareholders’ meeting, and will promptly disclose its decision in a press release, including the reasons for rejecting the resignation, if applicable. The nominee receiving a Majority Withheld Vote will not participate in the decision to accept or reject the resignation. This policy does not apply in circumstances involving a contested election of directors. Pursuant to the policies of the Toronto Stock Exchange (“TSX”), a “contested meeting” is defined as a meeting at which the number of directors nominated for election is greater than the number of seats available on the Board.

Information Concerning the Director Nominees

The following pages set out information for each person proposed to be nominated for election as a director. All information, unless noted otherwise, is presented as at May 19, 2021.

Additional information regarding the directors of the Corporation is contained in the Corporation’s statement of Corporate Governance practices set out commencing on page 55 of this Information Circular and in Appendix A.



JUDITH J. ATHAIDE, ICD.D

Age: 58

Calgary, Alberta, Canada

Director since: 2017

Independent

Ms. Athaide is a Corporate Director and the President and Chief Executive Officer of The Cogent Group Inc. She is currently serving as a director on the boards of NB Power (since 2014), HSBC Bank Canada (since 2017), TriSummit Utilities Inc. (previously Altagas Canada Inc., since 2018) and Sustainable Development Technology Canada (since 2018). She has previously served as a director on the boards of PHX Energy Services Corp. (2009 to 2021), The Balancing Pool (2011 to 2015), Fortis Alberta Inc. (2008 to 2014), Cimarron Engineering (2009 to 2012), Cognera Corporation (2006 to 2012), Accenture Business Services (2003 to 2005) and on the Business Advisory Council at the University of Alberta (2008 to 2017). Ms. Athaide is the Past Chair of the Calgary Chapter of the Institute of Corporate Directors and now serves on its Advisory Council.

Ms. Athaide is a Professional Engineer with more than 25 years of experience in the energy industry and has extensive experience in matters of technology as an enabler of transformation, ESG, risk, strategy, health and safety, succession and talent management, regulatory and compliance and corporate governance.

Ms. Athaide holds a B. Comm (Honours) from the University of Manitoba, an MBA from the University of Alberta, and a Bachelor of Science in Engineering (Mechanical) from the University of Alberta. She is an Institute of Corporate Directors Certified Director and a Life Member of the Association of Professional Engineers and Geoscientists of Alberta. A strong advocate for life-long learning, she earned a certificate from Emory University for Nuclear Board Members and a certificate from MIT on Artificial Intelligence: Implications for Business Strategy.

Skills and Experience

Governance/board, business operations, financial literacy, risk management, human resources and compensation, strategic planning, legal/regulatory, environmental, social impact.

CMG Board and Committee

Memberships	Meeting Attendance	
Board of Directors	8 of 8	100%
Governance Committee	3 of 3	100%

Securities Held

Common Shares	13,934
DSUs	9,922
Options	59,770

Other Reporting Issuer Directorships

HSBC Bank Canada
TriSummit Utilities Inc. (formerly Altagas Canada Inc.)

NO PHOTO
AVAILABLE

JOHN E. BILLOWITS⁽¹⁾

Age: 49

Toronto, Ontario, Canada

Director since: 2021

Independent

Mr. Billowits is a Director of Constellation Software Inc. (since September 2020), an international provider of market-leading software and services to a number of industries in both the public and private sectors, of Togetherwork, a privately held vertical market software company and of Topicus.com, a European provider of vertical market software and vertical market platforms to clients in both the public and private sectors.

Until 2020, he served as Chief Executive Officer of Vela Software, a subsidiary of Constellation that manages and builds industry specific software businesses globally. Prior to that, Mr. Billowits served as Chief Financial Officer of Constellation and was President of the Jonas Operating Group. Before joining Constellation, Mr. Billowits held a number of roles with Bain & Company, Dell Computers and PwC, a chartered professional accountant firm.

Mr. Billowits is a Chartered Professional Accountant, holds an MBA with Distinction from the London Business School and an Honours BBA with Distinction from Wilfrid Laurier University.

Skills and Experience

Enterprise management, marketing/branding, governance/board, business operations, financial literacy, international experience, risk management, financial experience, human resources and compensation, strategic planning, information technology/cyber security.

CMG Board and Committee

Memberships

Meeting Attendance

Board of Directors

1 of 1

100%

Securities Held

Common Shares

99,100

DSUs

1,825

Options

10,240

Other Reporting Issuer Directorships

Constellation Software Inc.

Topicus.com



KENNETH M. DEDELUK⁽²⁾

Age: 70

Calgary, Alberta, Canada

Vice Chairman of the Board

Director since: 2000

Not Independent

Mr. Dedeluk was the President and Chief Executive Officer of the Corporation from August 1, 2000 to July 12, 2018. He originally joined the Corporation as Executive Vice President on June 15, 1998. Prior to his appointment with CMG, Mr. Dedeluk was Vice President International Operations with Auto-trol Technology Corporation, a Denver-based company specializing in CAD/CAM systems, PDM systems, and GIS systems.

Mr. Dedeluk is a professional engineer with more than 35 years of senior management experience in the software business, focusing on international marketing and sales.

Mr. Dedeluk holds a Bachelor of Science degree in Electrical Engineering from the University of Alberta.

Skills and Experience		
Enterprise management, marketing/branding, governance/board, business operations, financial literacy, international experience, risk management, financial experience, human resources and compensation, strategic planning, information technology/cyber security.		

CMG Board and Committee		
Memberships	Meeting Attendance	
Board of Directors	8 of 8	100%

Securities Held		
Common Shares	1,593,400	
DSUs	8,124	
Options	139,770	

Other Reporting Issuer Directorships		
None		



CHRISTOPHER L. FONG

Age: 71
Calgary, Alberta, Canada
Director since: 2012
Independent

Mr. Fong was with the Royal Bank of Canada for 28 years and retired in 2009 from the position of Global Head, Corporate Banking, Energy, RBC Capital Markets. He was involved in the marketing and coverage of energy clients around the world, including companies operating in oil and gas, oil field services and utilities. Prior thereto, he worked as a petroleum engineer in the oil and gas industry. Mr. Fong has been a director of Canadian Natural Resources Limited since 2010.

Mr. Fong is a professional engineer with more than 40 years of experience in the energy business.

Mr. Fong holds a Bachelor of Engineering degree in Chemical Engineering from McGill University and has post graduate courses in Finance, Economics and Accounting from McGill University and the University of Calgary. He is also a member of the Association of Professional Engineers and Geoscientists of Alberta.

Skills and Experience

Enterprise management, governance/board, business operations, financial literacy, risk management, financial experience, strategic planning, environmental, social impact.

CMG Board and Committee Memberships

Meeting Attendance

Board of Directors	8 of 8	100%
Audit Committee	4 of 4	100%
Governance Committee	3 of 3	100%

Securities Held

Common Shares	19,000
DSUs	9,922
Options	68,770

Other Reporting Issuer Directorships

Canadian Natural Resources Limited



PATRICK R. JAMIESON, Ph.D.

Age: 68
Kelowna, British Columbia,
Canada

Director since: 2007
Independent

Dr. Jamieson has been an independent oil and gas technology consultant since August 2011. From May 2004 to July 2011, he was Senior Advisor and General Manager, Technology and Reservoir Modelling at Nexen Inc., a public oil and gas company listed on the TSX and the New York Stock Exchange. Dr. Jamieson also served as Chairman of Energi Simulation (formerly CMG Reservoir Simulation Foundation), a not-for-profit research company, from February 2007 until July 2016. Dr. Jamieson served as Vice President, Energy with the Saskatchewan Research Council (2002-2004) and as President and CEO of C-FER Technologies Inc., an Edmonton-based engineering research and services company (1995-2000). Prior to 1995, Dr. Jamieson held various management positions with Imperial Oil Ltd. and ExxonMobil Corporation.

Dr. Jamieson has more than 35 years of management experience in the energy industry, including oil and gas production, reservoir modelling, software development, and new technology development and industrial applications.

Dr. Jamieson has a doctorate in Chemistry from the University of British Columbia and Bachelor of Science degree from the University of Alberta.

Skills and Experience

Enterprise management, marketing/branding, governance/board, business operations, financial literacy, international experience, risk management, human resources and compensation.

CMG Board and Committee

Memberships	Meeting Attendance	
Board of Directors	8 of 8	100%
Governance Committee	3 of 3	100%

Securities Held

Common Shares	11,880
DSUs	11,919
Options	80,820

Other Reporting Issuer Directorships

None



**PETER H. KINASH, CPA, CA,
ICD.D⁽³⁾**

Age: 65
Calgary, Alberta, Canada

Director since: 2004
Independent

Mr. Kinash has been Chief Financial Officer since 2002 and India Chief Operating Officer (2010 to August 2017 and August 2018 to present) of Replicon Inc., a private company engaged in cloud-based software sales and support with operations in Bangalore (India), Redwood City (California, USA), Toronto (Ontario, Canada), Sydney (Australia), London (United Kingdom) and Calgary (Alberta, Canada). He has also served as Chief Financial Officer of public companies Aqua-Pure Ventures Inc. from April 2008 to October 2008, CCR Technologies Ltd. from November 2005 to September 2006 and Guest-Tek Interactive Entertainment Ltd. from July 2004 to August 2004. From January 2000 to August 2001, Mr. Kinash was Chief Financial Officer of Wi-LAN Inc., a Calgary-based public technology company. Prior to 2000, he was a partner at KPMG LLP (Calgary), a chartered professional accountant firm.

Mr. Kinash is a Chartered Professional Accountant with extensive experience in financial leadership of software enterprises, international business and public technology company financial reporting.

Mr. Kinash is a member of the Institute of Chartered Professional Accountants of Alberta and the Institute of Corporate Directors.

Skills and Experience

Enterprise management, governance/board, business operations, financial literacy, international experience, financial experience, human resources and compensation, strategic planning, information technology/cyber security, social impact.

CMG Board and Committee

Memberships	Meeting Attendance	
Board of Directors	8 of 8	100%
Audit Committee	4 of 4	100%

Securities Held

Common Shares	56,000
DSUs	11,214
Options	76,570

Other Reporting Issuer Directorships

None



MARK R. MILLER

Age: 58
Oakville, Ontario, Canada

Director since: 2019
Independent

Mr. Miller is the Chief Operating Officer of Constellation Software Inc. (CSI) and Chief Executive Officer of Volaris Group and Trapeze Group, subsidiaries of CSI. He has held various positions with CSI and its subsidiaries during the past 20 years. CSI, a public company listed on the TSX, is an international provider of software and services to a number of industries, both in the public and private sectors.

Mr. Miller is on the Board of Directors of CSI, as well as IOVIA and Venture Lab, private technology companies.

Mr. Miller received a Bachelor of Science in Statistics and a Bachelor of Science in Mathematics from McMaster University in Hamilton, Ontario and has attended the Executive Marketing Program at the Ivey Business School at the University of Western Ontario.

Skills and Experience

Enterprise management, marketing/branding, governance/board, business operations, financial literacy, international experience, risk management, financial experience, human resources and compensation, strategic planning, information technology/cyber security.

CMG Board and Committee

Memberships	Meeting Attendance	
Board of Directors	8 of 8	100%
Audit Committee ⁽⁴⁾	3 of 3	100%

Securities Held

DSUs	6,357
Options	38,670

Other Reporting Issuer Directorships

Constellation Software Inc.



RYAN N. SCHNEIDER

Age: 44
Calgary, Alberta, Canada

President and Chief Executive
Officer

Director since: 2018
Not Independent

Mr. Schneider has been the President and Chief Executive Officer of the Corporation since July 12, 2018. He originally joined the Corporation as Vice President, Marketing in 2011 and was promoted to Vice President, Marketing and Canadian Sales in 2013 and to Chief Operating Officer in 2015. Prior to his appointment with the Corporation, Mr. Schneider served as Chief Technology Officer of Acceleware Ltd. a company he co-founded in 2004. Acceleware Ltd. is a TSX Venture Exchange-listed technology company specializing in high performance computing for technical applications. From June 1998 to February 2004, Mr. Schneider was President of Vortex Computing Inc., a consulting company and value-added reseller in the IT sector, which he co-founded in 1998. Mr. Schneider was also a researcher and teaching assistant for both the Engineering and Executive MBA programs at the University of Calgary from May 2000 to July 2005. Since 2020, Mr. Schneider has been serving as a director on the board of Calgary Women's Emergency Shelter.

Mr. Schneider is a professional engineer with 20 years of experience in computer software technology and consulting.

Mr. Schneider holds Bachelor of Science and Master of Science degrees in Electrical Engineering from the University of Calgary. He was the winner of the "Leaders of Tomorrow" award by the Alberta Science and Technology Leadership Foundation in 2005. He is also a member of the Association of Professional Engineers and Geoscientists of Alberta.

Skills and Experience

Enterprise management, marketing/branding, governance/board, business operations, financial literacy, international experience, risk management, financial experience, human resources and compensation, strategic planning, information technology/cyber security.

CMG Board and Committee

Memberships

Meeting Attendance

Board of Directors	8 of 8	100%
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Securities Held

Common Shares	119,719
PSUs	25,215
RSUs	20,740
Options	421,210

Other Reporting Issuer Directorships

None



JOHN B. ZAOZIRNY, Q.C.⁽⁵⁾

Age: 73
Calgary, Alberta, Canada

Chairman of the Board

Director since: 1996
Independent

Mr. Zaozirny was Vice-Chairman of Canaccord Genuity Corp., an investment dealer, from May 2010 to June 2016 and prior thereto, Vice Chairman of Canaccord Financial Inc. Mr. Zaozirny was Counsel to the law firm of McCarthy Tétrault LLP from 1987 to 2008 and recently retired as a member of the Law Societies of Alberta and British Columbia.

Mr. Zaozirny has served as a director and advisor of a number of public and private corporations and has extensive experience in matters of corporate governance. He is a former Alberta Minister of Energy, having served in the Alberta Legislature from 1979 to 1986.

Mr. Zaozirny holds a Bachelor of Commerce degree from the University of Calgary, a Bachelor of Laws degree from the University of British Columbia and a Master of Laws Degree from the University of London (London School of Economics and Political Science). He was awarded the designation of Queen's Counsel in 1984, named Resource Man of the Year by the Alberta Chamber of Resources in 1985 and received the Distinguished Alumni Award from the Alumni Association of the University of Calgary in 1987.

Skills and Experience

Enterprise management, governance/board, business operations, financial literacy, international experience, strategic planning, legal/regulatory.

CMG Board and Committee Memberships

	Meeting Attendance	
Board of Directors	8 of 8	100%

Securities Held

Common Shares	104,500
DSUs	14,869
Options	100,630

Other Reporting Issuer Directorships

None

Notes:

- (1) Mr. Billowits was appointed to the Board on January 20, 2021 and attended the one Board meeting that he was eligible to attend following his appointment.
- (2) If re-elected by the shareholders, it is expected that Mr. Dedeluk will continue as the Vice Chairman of the Board at the pleasure of the Board.
- (3) Mr. Kinash was a director of EmberClear Corp. from December 17, 2010 to November 26, 2014. EmberClear Corp. was subject to cease trade orders issued by the Alberta Securities Commission, the British Columbia Securities Commission and the Ontario Securities Commission on October 30, 2014, November 5, 2014 and November 17, 2014, respectively. The cease trade orders were issued as a result of EmberClear Corp. not having filed its annual audited financial statements, the related management's discussion and analysis, and certificates for the year ended June 30, 2014. On January 13, 2015, each of the named securities commissions issued an order to revoke the cease trade orders upon EmberClear Corp. having remedied its deficiencies.
- (4) Mr. Miller was appointed to the Audit Committee at the start of the August 10, 2020 meeting and attended three of the three Audit Committee meetings that he was eligible to attend following his appointment.
- (5) If re-elected by the shareholders, it is expected that Mr. Zaozirny will continue as the Chairman of the Board at the pleasure of the Board.

Appointment of Auditors

The shareholders will be asked to vote for the appointment of KPMG LLP, Chartered Professional Accountants (“KPMG”), of Calgary, Alberta, as auditors of the Corporation until the close of the next annual meeting of shareholders, at such remuneration as may be approved by the Board of the Corporation. KPMG is independent within the meaning of the *Rules of Professional Conduct of the Chartered Professionals of Alberta* and has been the Corporation’s auditor since 1996.

The Audit Committee is responsible for pre-approving all non-audit services to be provided to the Corporation by KPMG. The following table provides information about the approximate fees incurred by the Corporation for professional services rendered by KPMG during the fiscal years ended March 31, 2021 and 2020:

Years ended March 31, (\$)	2021	2020
Audit fees ⁽¹⁾	111,796	116,704
Audit-related fees ⁽²⁾	49,500	48,000
Tax fees ⁽³⁾	76,190	71,327
All other fees ⁽⁴⁾	39,884	-
Total	277,370	236,031

Notes:

- (1) Audit Fees: Audit fees consist of fees for the audit of the Corporation’s annual financial statements or services that are normally provided in connection with statutory and regulatory filings or engagements.
- (2) Audit-Related Fees: Audit-related fees consist of fees for the review of interim financial statements.
- (3) Tax Fees: Tax fees consist of fees for tax compliance and preparation.
- (4) All Other Fees: All other fees consist of services that do not fall under the previous categories and for 2021 comprise fees for assistance with calculating amounts receivable under the Canada Emergency Wage Subsidy program.

The Board recommends voting FOR the election of the appointment of KPMG LLP, Chartered Professional Accountants, as auditors of the Corporation. Unless instructed otherwise, the Management appointees will vote FOR the appointment of KPMG LLP, Chartered Professional Accountants, as auditors of the Corporation.

SPECIAL BUSINESS

Renewal of Shareholder Rights Plan

At the Meeting, shareholders will be asked to approve the ordinary resolution, set forth below, renewing and reconfirming the shareholder rights plan (the “**Rights Plan**”) originally adopted by the Board on May 18, 2006, as amended and restated. The Rights Plan was ratified by the shareholders at its annual and special shareholders meeting held on July 13, 2006 and subsequently renewed by the shareholders every three years since then in accordance with the requirements of the TSX. If renewed and reconfirmed by the shareholders at the Meeting, the amended and restated Rights Plan will be in effect until the close of the annual meeting of shareholders in 2024, unless renewed again.

The following is a brief summary of the Rights Plan, as amended and restated, and the proposed new amendments (the “2021 Amendments”) to the Rights Plan. A copy of the Rights Plan is available on SEDAR at www.sedar.com. To view the full Rights Plan with the proposed 2021 Amendments incorporated, shareholders are encouraged to visit the Corporation’s website at <https://www.cmgl.ca/> under the heading *About* and the subheading *Policies and Governance*. Should the Rights Plan (complete with 2021 Amendments) be renewed and reconfirmed by shareholders at the Meeting, the amended and restated Rights Plan (2021) will be posted on SEDAR. Unless otherwise defined below, all capitalized terms shall have the meanings specified in the Rights Plan.

Purpose of the Rights Plan

The objective of the Rights Plan is to ensure, to the extent possible, that all shareholders are treated equitably and fairly in connection with any take-over bid for the Corporation. The Rights Plan gives shareholders the right to buy additional shares if a hostile take-over is launched or a shareholder acquires 20% or more of the Corporation's shares. Once the Rights Plan is triggered by the acquisition of 20% or more of the Corporation's shares, every shareholder (except the one who possesses 20%) has the right to buy additional shares from the Corporation at a significant discount to the market price, potentially diluting the bidder's interest and substantially increasing the cost of the bid. Knowing that a Rights Plan could be activated, a potential bidder may be disinclined to make a bid that is not a Permitted Bid (as defined in the Rights Plan) or without the Board of Directors' approval, and is more likely to first try to negotiate with the Board of Directors.

Rationale for Continuing the Plan

When the Rights Plan, as amended and restated, was last renewed and reconfirmed by shareholders on July 12, 2018, certain amendments were approved to the Rights Plan to reflect the changes in take-over bid legislation adopted by Canadian Securities Administrators in 2016. Notwithstanding that these CSA 2016 amendments: (i) lengthened the minimum bid period a take-over must remain open for deposit; (ii) added a minimum tender requirement; and (iii) added an extension period after the minimum tender requirement is met to allow undecided shareholders to tender, thereby providing the board of target issuers with more time to consider and respond to unsolicited bids, there are some risks that a shareholder rights plan may be helpful in addressing. The current take-over bid legislation does not, for example, address the risk of a "creeping take-over bid", where a bidder may acquire a controlling position in the Corporation in reliance on an exemption from the take-over bid requirements without having to make an offer to all shareholders and without paying an appropriate control premium. Examples of creeping take-over bids include the following: (i) a person could acquire effective control of the Corporation under one or more private agreements at a premium to the market price, resulting in a change of control transaction without the payment of a premium to all shareholders; (ii) a person could slowly accumulate shares of the Corporation through stock exchange acquisitions over time, resulting in an acquisition of effective control without payment of fair value for control; (iii) a person seeking to acquire control of the Corporation could enter into lock-up agreements with shareholders who, together with the bidder, hold more than 20% of the outstanding shares of the Corporation, irrevocably committing such holders to tender their shares to a take-over bid, the effect of which would be to significantly hamper, if not terminate, any reasonable prospect for the Board to run a value enhancing auction process, and (iv) it may be possible for a person to engage in transactions outside of Canada without regard to the take-over bid protections of Canadian securities laws.

The Rights Plan encourages potential bidders to make take-over bids by means of Permitted Bids or to approach the Board to negotiate a mutually acceptable transaction that ensures that all shareholders have an equal opportunity to share in the payment of a control premium.

In addition, the Rights Plan does provide the Board of Directors with greater certainty regarding process and mechanics. The defined terms of the Rights Plan (as described below) differ somewhat from (but are still compliant with) those in Canadian securities laws and provide certainty around such things as which shareholders should be grouped together to trigger the rights plan (Beneficial Ownership) or should be treated as joint actors (Jointly and in Concert), what qualifies as a "soft" lock-up agreement that is excluded from the deemed beneficial ownership rules (Permitted Lock-up Agreements), which acquisitions are exempt from triggering the rights plan (Exempt Acquisitions) and which shareholders should be treated as independent from the bidder and its joint actors (Independent Shareholders) for purposes of meeting the minimum tender condition and shareholder approval requirements of the Rights Plan.

Given the ongoing benefits of the Rights Plan discussed above and the positive role that shareholder support of a Rights Plan can play, the Board of Directors determined it was in the best interest of the Corporation to recommend to shareholders that the Rights Plan be continued, with amendments which update the plan to ensure its continued relevance.

Proposed 2021 Amendments to Rights Plan

The 2021 Amendments being proposed will bring the Rights Plan, as amended and restated, in line with market practice and are generally administrative rather than substantive in nature. These amendments include:

- providing for a non-certificated issuance of rights rather than having to print physical rights certificates in the event that there is a separation time under the plan. This is to save printing costs in the unlikely event that a separation time occurs;
- adding a *de minimis* threshold amount in respect of payments to shareholders to redeem their rights in the event the issuer later decides to redeem outstanding rights and terminate the Rights Plan;
- removing outdated references to a “Grandfathered Person” and to non-voting shares as there are no issued and outstanding non-voting shares and no further non-voting shares may be issued;
- clarifying certain definitions to more closely reflect current legislative and regulatory definitions and approaches. (see “controlled”, “Independent Shareholders”);
- replacing the term “applicable securities legislation” with “NI 62-1-4” (National Instrument 62-104 Take-over Bids and Issuer Bids) to bring more certainty with respect to the obligations of the Corporation and any potential acquirers;
- adding clarifying language to ensure the liability of the Rights Agent is clear; and
- adding language clarifying that nothing in the Rights Plan should be construed as suggesting or implying that the directors shall not be entitled to recommend shareholders accept or reject any take-over bid or that their fiduciary duty to act in the best interest of the Corporation is in any way limited under the Rights Plan.

Key Terms of the Rights Plan

Term

Provided the Rights Plan, as amended and restated, is approved at the Meeting, the Rights Plan (unless terminated earlier) will remain in effect from May 18, 2006 (the “Effective Date”) until the expiry of the annual meeting of shareholders in 2024, unless the term of the Rights Plan is extended beyond such date by resolution of shareholders at such meeting.

Issuance of Rights

One right (a “**Right**”) has been issued by the Corporation pursuant to the original Rights Plan in respect of each Common Share outstanding as of the close of business (Calgary time) (the “**Record Time**”) on the Effective Date. “Voting Shares” include the Common Shares and any other shares of the Corporation entitled to vote generally in the election of all directors. One Right has been and will continue to be issued for each additional Voting Share issued after the Record Time and prior to the earlier of the Separation Time and the expiration time, subject to the earlier termination or expiration of the Rights as set out in the Rights Plan.

The issuance of the Rights is not dilutive and will not affect reported earnings or operating cash flow per share until the Rights separate from the underlying Common Shares and become exercisable or until the exercise of the Rights. The issuance of the Rights will not change the manner in which shareholders trade their Common Shares.

Certificates and Transferability

Prior to the Separation Time, the Rights will be evidenced by a legend imprinted on certificates for Common Shares issued after the Record Time. Rights are also attached to Common Shares outstanding on the Effective Date, although share certificates issued prior to the Effective Date will not bear such a legend. Shareholders are not required to return their certificates in order to have the benefit of the Rights. Any Voting Shares issued and registered in book entry form after the Record Time, but prior to the earlier of the Separation Time and the expiration time shall evidence one Right for each Voting Share represented by it and the registration record of such Voting Shares shall include the foregoing legend, adapted accordingly as the Rights Agent may reasonably require. Rights will trade together with the Voting Shares and will not be exercisable or transferable separately from the Voting Shares prior to the Separation Time. From and following the Separation Time, the Rights will become exercisable, will be evidenced by Rights certificates or in book entry form as determined by the Corporation and will be transferable separately from the Common Shares.

Separation of Rights

The Rights will become exercisable and begin to trade separately from the associated Common Shares at the “**Separation Time**”, which is generally (subject to the ability of the Board to defer the Separation Time) the close of business on the tenth trading day after the earliest to occur of:

- a public announcement that a person or group of affiliated or associated persons or persons acting jointly or in concert has become an “Acquiring Person”, meaning that such person or group has acquired Beneficial Ownership (as defined in the Rights Plan) of 20 percent or more of the outstanding Voting Shares other than as a result of: (i) a reduction in the number of Voting Shares outstanding; (ii) a Permitted Bid or Competing Permitted Bid (as defined in the Rights Plan); (iii) acquisitions of Voting Shares in respect of which the Board has waived the application of the Rights Plan; (iv) other specified exempt acquisitions and pro rata acquisitions in which shareholders participate on a pro rata basis; or (v) an acquisition by a person of Voting Shares upon the exercise, conversion or exchange of a security convertible, exercisable or exchangeable into a Voting Share received by a person in the circumstances described in (ii), (iii) or (iv) above;
- the date of commencement of, or the first public announcement of an intention of any person (other than the Corporation or any of its subsidiaries) to commence a take-over bid (other than a Permitted Bid or a Competing Permitted Bid) where the Voting Shares subject to the bid owned by that person (including affiliates, associates and others acting jointly or in concert therewith) would constitute 20 percent or more of the outstanding Voting Shares; and
- the date upon which a Permitted Bid or Competing Permitted Bid ceases to qualify as such.

Promptly following the Separation Time, separate certificates evidencing rights (“**Rights Certificates**”) will be mailed to the holders of record of the Voting Shares as of the Separation Time and the Rights Certificates alone will evidence the Rights.

Rights Exercise Privilege

After the Separation Time, each Right entitles the holder thereof to purchase one Common Share at an initial “Exercise Price” equal to five times the “Market Price” at the Separation Time. The Market Price is defined as the average of the daily closing prices per share of such securities on each of the 20 consecutive trading days through and including the trading day immediately preceding the Separation Time. Following a transaction which results in a person becoming an Acquiring Person (a “**Flip-In Event**”), the Rights permit the holder (other than the Acquiring Person) to purchase Common Shares at a 50 percent discount off their Market Price. In such event, however, any Rights beneficially owned by an Acquiring Person (including affiliates, associates and other acting jointly or in concert therewith), or a transferee of any such person, will be null and void. A Flip-In Event does not include acquisitions approved by the Board or acquisitions pursuant to a Permitted Bid or Competing Permitted Bid.

Permitted Bid Requirements

A bidder can make a take-over bid and acquire Voting Shares without triggering a Flip-In Event under the Rights Plan if the take-over bid qualifies as a Permitted Bid. The requirements of a “Permitted Bid” include the following:

- the take-over bid must be made by means of a take-over bid circular;
- the take-over bid is made to all holders of Voting Shares on the books of the Corporation, other than the offeror;
- no Voting Shares are taken up or paid for pursuant to the take-over bid unless more than 50 percent of the Voting Shares held by Independent Shareholders: (i) shall have been deposited or tendered pursuant to the take-over bid and not withdrawn; and (ii) have previously been or are taken up at the same time;
- the take-over bid contains an irrevocable and unqualified provision that, no Voting Shares will be taken up or paid for pursuant to the take-over bid prior to the close of business on the date which is not less than 105 days following the date of the take-over bid or such shorter period that a take-over bid that is not exempt from the general take-over bid requirements of applicable Canadian securities laws must remain open for deposits of securities thereunder, in the applicable circumstances at such time;
- the take-over bid contains an irrevocable and unqualified provision that, Voting Shares may be deposited pursuant to such take-over bid at any time during the period of time between the date of the take-over bid and the date on which Voting Shares may be taken up and paid for and any Voting Shares deposited pursuant to the take-over bid may be withdrawn until taken up and paid for; and
- the take-over bid contains an irrevocable and unqualified provision that, if on the date on which Voting Shares may be taken up and paid for under the take-over bid, more than 50 percent of the Voting Shares held by Independent Shareholders have been deposited pursuant to the take-over bid and not withdrawn, the offeror will make public announcement of that fact and the take-over bid will remain open for deposits and tenders of Voting Shares for not less than 10 business days from the date of such public announcement.

The Rights Plan also allows for a competing Permitted Bid (a “**Competing Permitted Bid**”) to be made while a Permitted Bid is in existence. A Competing Permitted Bid must satisfy all of the requirements of a Permitted Bid except that it may expire on the same date as the Permitted Bid, subject to the requirement that it be outstanding for the minimum period required under Canadian securities laws.

Permitted Lock-Up Agreements

A person will not become an Acquiring Person by virtue of having entered into an agreement (a “**Permitted Lock-Up Agreement**”) with a shareholder whereby the shareholder agrees to deposit or tender Voting Shares to a take-over bid (the “**Lock-Up Bid**”) made by such person, provided that the agreement meets certain requirements, including: (A) the terms of the agreement are publicly disclosed and a copy of the agreement is publicly available not later than the date of the Lock-Up Bid or, if the Lock-Up Bid has not been made prior to the date on which such agreement is entered into, not later than the first business day following the date of such agreement; (B) the holder who has agreed to tender Voting Shares to the Lock-Up Bid made by the other party to the agreement is permitted to terminate its obligation under the agreement, and to terminate any obligation with respect to the voting of such Voting Shares, in order to tender Voting Shares to another take-over bid or to support another transaction where: (i) the offer price or value of the consideration payable under the other take-over bid or transaction is greater than the price or value of the consideration per share at which the holder has agreed to deposit or tender Voting Shares to the Lock-Up Bid, or is greater than a specified minimum which is not more than 7% higher than the price or value of the consideration per share at which the holder has agreed to deposit or tender Voting Shares under the Lock-Up Bid; and (ii) if the number of Voting Shares offered to be purchased under the Lock-Up Bid is less than all of the Voting Shares held by shareholders (excluding Voting Shares held by the offeror),

the number of Voting Shares offered to be purchased under the other take-over bid or transaction (at an offer price not lower than in the Lock-Up Bid) is greater than the number of Voting Shares offered to be purchased under the Lock-Up Bid or is greater than a specified number which is not more than 7 percent higher than the number of Voting Shares offered to be purchased under the Lock-Up Bid; and (C) no break-up fees, top-up fees, or other penalties that exceed in the aggregate the greater of 2.5 percent of the price or value of the consideration payable under the Lock-Up Bid and 50 percent of the increase in consideration resulting from another take-over bid or transaction shall be payable by the holder if the holder fails to deposit or tender Voting Shares to the Lock-Up Bid.

Waiver and Redemption

If a potential offeror does not desire to make a Permitted Bid, it can negotiate with, and obtain the prior approval of, the Board to make a take-over bid by way of a take-over bid circular sent to all holders of Voting Shares on terms which the Board considers fair to all shareholders. In such circumstances, the Board may waive the application of the Rights Plan thereby allowing such bid to proceed without dilution to the offeror. Any waiver of the application of the Rights Plan in respect of a particular take-over bid shall also constitute a waiver of any other take-over bid which is made by means of a take-over bid circular to all holders of Voting Shares while the initial take-over bid is outstanding. The Board may also waive the application of the Rights Plan in respect of a particular Flip-In Event that has occurred through inadvertence, provided that the Acquiring Person that inadvertently triggered such Flip-In Event reduces its beneficial holdings to less than 20 percent of the outstanding Voting Shares within 14 days or such earlier or later date as may be specified by the Board. With the prior consent of the holders of Voting Shares, the Board may, prior to the occurrence of a Flip-In Event that would occur by reason of an acquisition of Voting Shares otherwise than pursuant to the foregoing, waive the application of the Rights Plan to such Flip-In Event.

The Board may, with the prior consent of the holders of Voting Shares, at any time prior to the occurrence of a Flip-In Event, elect to redeem all but not less than all of the then outstanding Rights at a redemption price of \$0.00001 per Right. Rights are deemed to be redeemed following completion of a Permitted Bid, a Competing Permitted Bid or a take-over bid in respect of which the Board has waived the application of the Rights Plan.

The proposed 2021 Amendments add a *de minimis* threshold indicating that notwithstanding anything in the Rights Plan to the contrary, the Corporation shall not be obligated to make a payment of the Redemption Price to any holder of Rights unless such holder is entitled to receive at least \$10.00 in respect of all the Rights held by the holder.

Protection Against Dilution

The Exercise Price, the number and nature of securities which may be purchased upon the exercise of Rights and the number of Rights outstanding are subject to adjustment from time to time to prevent dilution in the event of dividends, subdivisions, consolidations, reclassifications or other changes in the outstanding Common Shares, pro rata distributions to holders of Common Shares and other circumstances where adjustments are required to appropriately protect the interests of the holders of Rights.

Exemptions for Investment Advisors

Investment advisors (for client accounts), trust companies (acting in their capacity as trustees or administrators), statutory bodies whose business includes the management of funds (for employee benefit plans, pension plans, or insurance plans of various public bodies) and administrators or trustees of registered pension plans or funds acquiring greater than 20 percent of the Voting Shares are exempted from triggering a Flip-In Event, provided they are not making, either alone or jointly or in concert with any other person, a take-over bid.

Duties of the Board

The adoption of the Rights Plan will not in any way lessen or affect the duty of the Board to act honestly and in good faith with a view to the best interests of the Corporation. The Board, when a take-over bid or

similar offer is made, will continue to have the duty and power to take such actions and make such recommendations to shareholders as are considered appropriate.

Amendment

The Corporation may make amendments to the Rights Plan at any time to correct any clerical or typographical error and may make amendments which are required to maintain the validity of the Rights Plan due to changes in any applicable legislation, regulations or rules. The Corporation may, with the prior approval of shareholders (or the holders of Rights if the Separation Time has occurred), supplement, amend, vary, rescind or delete any of the provisions of the Rights Plan.

Shareholder Reconfirmation

Under the Rights Plan, the resolution to reconfirm and extend the Rights Plan requires the approval of a simple majority of the votes cast at the Meeting by Independent Shareholders (as defined in the Rights Plan). In effect, all shareholders will be considered Independent Shareholders provided they are not, at the relevant time, an Acquiring Person (as defined in the Rights Plan) or making a take-over bid for the Corporation. The Corporation is not aware of any shareholder whose vote at the Meeting would be excluded for purposes of the approval requirement under the Rights Plan. The TSX requires that the resolution be passed by a simple majority of the votes cast at the Meeting by all shareholders.

The Board considered the renewal of the Rights Plan incorporating the 2021 Amendments at its May 19, 2021 and agreed to recommend its renewal and reconfirmation to shareholders.

At the Meeting, the following ordinary resolution will be placed before shareholders for consideration and, if thought fit, approval. Except where a shareholder who has given the proxy directs that his or her Common Shares be voted against such resolution, the appointees named in the accompanying Form of Proxy will vote the Common Shares represented by such proxy FOR such resolution.

The following is the text of the ordinary resolution to be considered at the Meeting:

“BE IT RESOLVED THAT:

The Shareholder Rights Plan Agreement between Computer Modelling Group Ltd. (“**CMG**” or the “**Corporation**”) and Computershare Trust Company of Canada (the “**Rights Agreement**”), as amended and restated from time to time, and including the 2021 Amendments, all as described in the management information circular of the Corporation dated May 19, 2021 is hereby approved, ratified and confirmed.

The making, on or prior to the date hereof, of any other amendments to the Rights Agreement as the Corporation may consider necessary or advisable to satisfy the requirements of any stock exchange or professional commentators on shareholder rights plans to conform the Rights Agreement to versions of shareholder rights plans currently prevalent for reporting issuers in Canada is hereby approved.

Any one or more directors or officers of the Corporation be and each is hereby, authorized to execute and deliver, whether under corporate seal or otherwise, all such agreements, instruments, notices, consents, acknowledgements, certificates and other documents (including any documents required under applicable laws or regulatory policies), and to perform and do all such other acts and things, as any such director or officer in his or her discretion may consider to be necessary or advisable from time to time to give effect to this resolution.”

Other Business

Management is not aware of any matter to come before the Meeting other than the matters referred to in the Notice of the Meeting. However, if any other matter properly comes before the Meeting, the accompanying form of proxy confers discretionary authority to vote with respect to amendments or variations to matters identified in the Notice of the Meeting and with respect to other matters that properly may come before the Meeting.

EXECUTIVE COMPENSATION DISCUSSION AND ANALYSIS

This section discusses the components of CMG's executive compensation program, including the Corporation's response to the COVID-19 pandemic and the impact the COVID-19 pandemic had on compensation decisions made over the past fiscal year for the named executive officers ("NEOs").

A NEO is: (i) the Corporation's Chief Executive Officer during the preceding fiscal year; (ii) the Corporation's Chief Financial Officer during the preceding fiscal year; and (iii) the other three most highly compensated executive officers whose total compensation exceeded \$150,000 in the preceding fiscal year. For the fiscal year ended March 31, 2021, the Corporation had six NEOs who were: Ryan N. Schneider, President and CEO, Sandra Balic, Vice President, Finance and Chief Financial Officer (until September 21, 2020), Kelly Tomyn, Interim Vice President, Finance and Chief Financial Officer (effective September 21, 2020), Jim C. Erdle, Vice President, USA and Latin America, R. David Hicks, Vice President, Eastern Hemisphere, and Long X. Nghiem, Vice President, Research and Development and Chief Technology Officer.

The following pages set out information for each of the NEOs other than Mr. Schneider, who is also a director and whose information can be found in the section titled "Information Concerning the Director Nominees".



SANDRA BALIC

**Vice President, Finance and
Chief Financial Officer**

Ms. Balic is a Chartered Professional Accountant with more than 15 years of experience in accounting and financial reporting.

Her career with CMG began in 2009 when she joined as Manager, Financial Reporting. She was subsequently promoted to Controller in 2010. Ms. Balic successfully managed the Corporation's adoption of international Financial Reporting Standards while streamlining accounting processes. She assumed her current position in 2013 and continues to contribute to CMG's ongoing growth.

Ms. Balic holds a Bachelor of Management, Advanced Accounting degree from the University of Lethbridge.

In September 2020, Ms. Balic started a parental leave from her position of Vice President, Finance & CFO for approximately 12 months.



KELLY A. TOMYN

**Interim Vice President, Finance
and Chief Financial Officer**

Ms. Tomyn assumed the role of Interim Vice President, Finance and Chief Financial Officer on September 21, 2020 and will continue in that role until Ms. Balic returns from parental leave on September 30, 2021.

Ms. Tomyn is an experienced finance leader with more than 25 years of experience in the oil and gas industry. She brings over 18 years of diverse business experience serving in Chief Financial Officer roles with a focus on public companies and has a wide breadth of experience in all aspects of financial operations and business strategy.

Ms. Tomyn graduated from the University of Saskatchewan with a Bachelor of Commerce degree. She is a Chartered Professional Accountant and a member of the Chartered Professional Accountants of Alberta.



JIM C. ERDLE

Vice President, USA and Latin America

Dr. Erdle brings to CMG more than 40 years of petroleum industry experience in research and development, engineering, operations, marketing and sales.

He started his career with CMG as US Sales Director in 1997 and has been a key contributor in establishing and expanding operations of CMG's Houston office. He was promoted to his current role in 2008. Prior to joining CMG, Dr. Erdle founded Erdle Software Services and held positions in consulting, research and senior operations in the USA and Europe.

Dr. Erdle holds Bachelor of Science and PhD degrees in Petroleum Engineering from Penn State University.



R. DAVID HICKS

Vice President, Eastern Hemisphere

Mr. Hicks joined CMG in 1998 as an Area Manager, European Region, and was instrumental in growing CMG's European market presence.

Throughout his career with CMG, he has held roles with increasing responsibility, and was most recently the General Manager, Eastern Hemisphere. Mr. Hicks was appointed Vice President, Eastern Hemisphere in 2013. He has more than 25 years of valuable industry experience in Europe, Africa and Middle East.

Mr. Hicks holds a Bachelor of Science in Geophysics from the University of Edinburgh and a Master of Science in Reservoir Evaluation and Management from Heriot-Watt University.



LONG X. NGHIEM

Vice President, Research and Development and Chief Technology Officer

Dr. Nghiem has been with CMG since its inception in 1978 and has contributed to the growth of the Corporation into a leading developer and supplier of dynamic reservoir technologies worldwide.

A professional engineer for more than 40 years, he was appointed Director, Research and Development (R&D) in 1986, promoted to Vice President, R&D role in 1997 and became CMG's Chief Technology Officer (CTO) in 2019. Dr. Nghiem's research contribution to the field of reservoir simulation has been immense: he has published over 100 research papers, served as a SPE Reservoir Simulation Symposium committee member and is currently an Adjunct Professor in Chemical and Petroleum Engineering at the University of Calgary. In recognition of his continuous efforts to bring reservoir simulation technology forward, Dr. Nghiem was awarded the international SPE Reservoir Description and Dynamics Award in 2015.

Dr. Nghiem holds a Bachelor of Science degree from Ecole Polytechnique de Montréal and a Master of Science degree from the University of Waterloo, both in Chemical Engineering, and a Ph.D. in Petroleum Engineering from the University of Alberta.

The COVID-19 Pandemic and the Corporation's Response

As with other companies, CMG's operations have been affected by the COVID-19 pandemic. Some of our customers, when facing economic uncertainty and volatile commodity prices, chose to curtail their spending and not renew their licensing agreements or chose to renew them at reduced levels. The extent to which

the COVID-19 pandemic continues to impact our operating results, financial condition, and cash flows will depend on future global developments, which are highly uncertain and outside our control.

CMG realized that retaining its employees, continuing to prioritize product development, maintaining global customer technical support and delivering a dividend to its shareholders were important factors to the long-term success of the business.

Accordingly, in response to the COVID-19 pandemic and the range of scenarios, challenges and uncertainties it presented, CMG took the following steps which were within its control in order to preserve liquidity, financial flexibility, balance sheet strength and profitability:

- reduced the quarterly dividend by 50% (from \$0.10 per share to \$0.05 per share) effective June 15, 2020;
- reduced the CEO's annual salary by 25% effective July 1, 2020;
- reduced the directors' cash compensation by 20% effective July 1, 2020;
- reduced the executive officers' annual salaries by 20% effective July 1, 2020; and
- implemented graduated salary reductions across all staff.

The CEO and executive officers' salary reductions were reallocated to the 2021 bonus portion of the executive compensation annual incentive plan. This meant the payments became variable in nature and would be based on actual corporate performance versus pre-established corporate performance targets. For 2021, CMG achieved 67% of its corporate performance target, which was a lower achievement rate than in 2020, which was 92%. In addition to the relatively lower-than-target achievement, when compared to last year, actual executive bonuses were also lower.

Due to a relative decline in its sales revenue, CMG was eligible for, and received assistance from, two federal government COVID-19 related programs: the Canada Emergency Wage Subsidy ("CEWS") program and the Canada Emergency Rent Subsidy ("CERS") program. The largest portion of CMG's ongoing expenses are salaries, wages and office rent and the amounts received through the CEWS and CERS programs were used to cover a portion of these costs, thus maintaining staff levels and quality service to our customers. Refer to the audited consolidated financial statements of the Corporation for the year ended March 31, 2021 for more information on CEWS and CERS.

CMG intends to review the salary and cash compensation reductions after it has finalized and released its 2021 year-end results. The Corporation continues to monitor the effect that the prolonged continuance of the COVID-19 pandemic is having on its operations, including sales levels and financial performance, and will make operational adjustments as appropriate. Ongoing economic uncertainty causes volatile global energy demand, which in turn may cause volatility in our customers' realized commodity prices, capital investment decisions and production levels.

Objectives of Compensation and Philosophy

The Corporation's executive compensation program is overseen by the Governance Committee. During the year ended March 31, 2021, the Governance Committee of the Board consisted of three directors: Mr. Patrick R. Jamieson (Chair), Ms. Judith J. Athaide and Mr. Christopher L. Fong, all of whom are independent directors within the meaning of section 1.4 of National Instrument 52-110 *Audit Committees* ("NI 52-110").

As part of its mandate, the Governance Committee reviews and recommends to the Board of Directors the remuneration of both the directors and the Corporation's executive officers, including the NEOs identified in the Summary Compensation Table.

The Governance Committee is also responsible for reviewing the Corporation's compensation policies and guidelines. The Corporation defines "Human Resources Experience" as management or executive experience related to compensation plans, including both short and long-term incentive plans, succession planning and general human resources matters. All three of the current members of the Governance Committee have human resources experience which has been gained through years of employment with public companies and serving as directors of public companies advising and managing in the areas of human resources and compensation.

The President and Chief Executive Officer (“**CEO**”) is charged with establishing compensation for executive officers, which is reviewed by and recommended by the Governance Committee for approval by the Board of Directors.

The following Executive Compensation Discussion and Analysis is intended to provide information about the Corporation’s philosophy, objectives and processes regarding compensation for the executive officers of the Corporation. It explains how decisions regarding executive compensation are made and the reasoning behind these decisions.

The Corporation’s executive compensation plan is designed and developed in alignment with its business strategy to be the leading developer and supplier of reservoir simulation software in the world. This is only possible by having a motivated and skilled workforce. The executive compensation plan recognizes the importance of having strong leadership and offers competitive compensation to help the Corporation to achieve its short and long-term business goals. The Corporation’s compensation policies and programs formalize the direct connection between pay and performance and are designed to accomplish the following goals:

1. attract and retain committed, highly qualified personnel;
2. formalize the direct connection between pay and both corporate and individual performance;
3. encourage teamwork;
4. promote innovation and resourcefulness; and
5. promote responsibility and accountability.

The Governance Committee believes the attainment of these goals will provide a rewarding and challenging environment for executive management and employees and allow them to focus on developing the software tools the Corporation’s customers need, increase software license revenues and increase earnings, which in turn will provide attractive returns to shareholders.

Innovation and resourcefulness are rewarded in many aspects of the Corporation’s business, including in research and development, as this work plays such a critical role in ensuring the future success of the Corporation and that the Corporation can stay competitive by technological enhancements to current products and the introduction of new software products and innovative reservoir modelling systems, which add value to the business and operations of the Corporation’s customers.

Compensation Design and Risk Mitigation

The Governance Committee, in its role as the compensation committee, undertakes the following activities on an annual basis to identify, monitor and provide oversight of mitigation strategies to manage compensation risks:

- Annual Incentive Plan. Assesses the Corporation’s annual executive incentive plan to ensure it appropriately aligns executive interests with those of all shareholders, encourages appropriate executive behaviour, takes into account both corporate and individual performance and avoids excessive payouts even in the case of extraordinary performance.
- Alignment with Annual Forecast and Strategic Plan. Reviews the annual incentive plan against the annual forecast and the strategic plan developed in conjunction with management and approved by the Board so that corporate objectives are a key factor in assessing the performance of executives and employees.
- Benchmarking. Reviews and determines the comparator group of companies for assessing the appropriateness of the Corporation’s executive compensation against peer companies and determines its appropriateness. Reviews comparative data.
- Reviews Corporate and Individual Performance. Reviews the corporate financial results and the individual executive performance results and ensures compensation reflects this performance.

- Considers the Appropriate Incentive Tools. Reviews the Stock Option Plan, Share Appreciation Rights Plan (“SARs Plan”), the Performance Share Unit and Restricted Share Unit Plan (“PSU & RSU Plan”) and the International Employees Performance Share Unit and Restricted Share Unit Plan (“International Employees PSU & RSU Plan”) to ensure they are meeting the objectives for which they are intended and considers new incentive plans that are directed at more long-term alignment of performance. The Committee also assesses and determines the appropriate mix of equity-based compensation grants within the suite of available incentive tools.
- Considers the Most Appropriate Balance. Considers the most appropriate balance between salary and performance-based compensation, ensuring that a significant portion of annual incentive compensation (cash and commissions) is tied to corporate performance and, therefore, is at risk and variable year to year. Additionally, it determines the appropriate limitations and caps for bonuses and commissions.
- Exercises Discretion. Applies discretion to adjust incentive payments upwards or downwards where performance and awards are misaligned. In exercising its discretion, the Governance Committee does so on the basis of the formulaic outcomes which form part of the Annual Incentive Plan which is approved by the Board.
- Anti-hedging Policy. Oversees the management of the Corporation’s policy that prohibits executive management and directors of the Corporation from purchasing financial instruments to hedge or offset changes in the market value of Common Shares or other equity instruments they hold.
- Clawback Policy. Oversees the management of the Corporation’s clawback policy, as described in more detail on page 33.
- Share Ownership Policy. Reviews on a regular basis and oversees the management of the Corporation’s minimum share ownership policy aimed at ensuring an appropriate alignment of CMG’s executive officers’ interests with the Corporation’s shareholders.
- Change of Control. Monitors trends with respect to change of control provisions and other provisions in executive employment agreements and ensures new agreements are consistent with current legislative and regulatory requirements, as well as best practices. Ensures application of double-trigger change of control provisions.

These risk management and mitigation strategies, as well as how the Governance Committee provides oversight with respect to them, are described in more detail below.

Compensation Mix

As part of its mandate, the Governance Committee strives to provide a competitive compensation package, with a direct link to corporate performance, by emphasizing the variable components in the form of cash and equity awards to motivate highly qualified personnel. To this end, the Corporation compensates its executive officers through base salary, an annual incentive plan, which consists of bonuses and commissions, and security-based compensation awards, all at levels which the Governance Committee believes are reasonable in light of the performance of the Corporation under the leadership of the executive officers.

Compensation Element	Purpose	Performance Period	Key Characteristics
Base Salary	Recognizes each officer’s unique value and historical contribution to the success of the Corporation in light of salary norms in the industry and the general marketplace. It provides officers with sufficient, regularly-paid income and reflects an executive’s position and level of responsibility.	1 year	Fixed compensation paid in cash that is reviewed annually and adjusted if and when appropriate.

Compensation Element	Purpose	Performance Period	Key Characteristics
Annual Incentive Plan (includes bonus and commission for senior business development executives)	Motivates executive officers to achieve key corporate objectives by rewarding the achievement of these objectives. The Corporation has established the annual incentive plan to be competitive from a total remuneration standpoint and to recognize outstanding annual performance with respect to software license revenues and pre-tax earnings, each of which is equally weighted in determination of the final bonus amount.	1 year	At-risk, fixed compensation paid in cash and based on corporate performance compared to pre-established performance goals.
Restricted Share Units (“RSUs”)	Motivates executive officers to focus on long-term performance by tying compensation to the performance of the Common Shares over long term. It motivates executive officers to remain with the Corporation by mitigating swings in incentive values during periods when commodity prices weigh on the price of Common Shares.	3 years (1/3 vests each year over 3 years)	Long-term award with a ratable vesting period. The ultimate value realized varies with the Common Shares value.
Performance Share Units (“PSUs”)	Motivates executive officers to achieve business objectives by tying incentives to long-term metrics, such as software license revenue and EBITDA targets.	3 years (Cliff vest at the end of the 3-year period)	Variable, performance-based long-term award with payouts based on achievement of pre-established metrics.
Stock Options and Share Appreciation Rights (“SARs”)	Rewards long-term performance by allowing officers to participate in the long-term market appreciation of the Common Shares. The Governance Committee believes that the granting of appropriate combination of stock options and SARs, along with PSUs and RSUs, is required for the Corporation to be competitive with its peers from a total remuneration standpoint and to encourage executive officer retention.	Maximum 5 years (50% vests after year one, 25% vests each year over next two years)	Long-term award with an exercise price equal to the fair market value on the date of grant, and a ratable vesting period. The ultimate value realized, if any, depends on the appreciation of Common Shares.
Other Compensation	The NEOs receive other benefits as part of their employment. The Corporation does not view these benefits as a significant element of its compensation structure, but does believe that they can be used in conjunction with base salary to attract, motivate and retain individuals in a competitive environment.	Ongoing, adjusted from time to time	Indirect compensation element.

The 2021 executive compensation plan (“**2021 ECP**”) was presented to the Governance Committee for its review and consideration on May 19, 2020 and approved at the May 27, 2020 meeting of the Board of Directors.

The 2021 ECP specifically contained growth targets that considered the-then-current economic environment, including the effect the COVID-19 pandemic was expected to have on the Corporation's 2021 results, as well as other general business conditions.

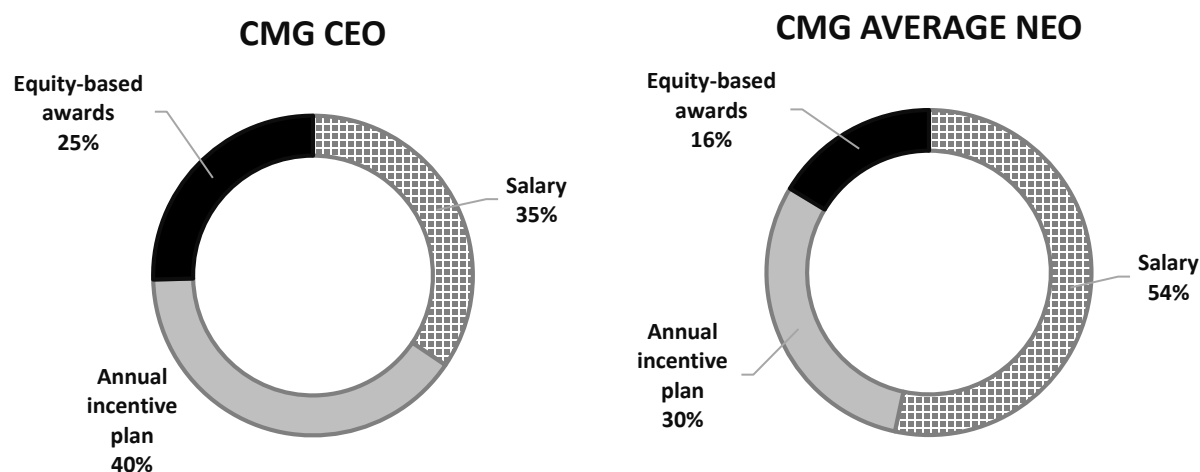
The 2021 ECP also set out the base salary for each executive officer, as well as each executive officer's individual bonus target and his or her potential commissions.

The potential bonuses payable were based on the Corporation achieving various target levels for software license revenue and pre-tax earnings and were dependent on the software license revenue and pre-tax earnings levels attained, with a 50:50 weighting between both. Further to the executive salary reductions in response to economic uncertainty surrounding the COVID-19 pandemic, as discussed earlier, potential bonuses payable were capped at a maximum amount based on the Corporation achieving a year-over-year growth rate of six percent for both software license revenue and pre-tax earnings.

Commissions are only available to the senior business development executives and are set at a fixed percentage of regional revenues up to a maximum dollar amount.

The payment of 2021 bonus takes place after the final review and approval of the audited consolidated financial statements of the Corporation for the year ended March 31, 2021. The payment of the commissions occurs throughout the year by way of instalments.

The targeted fiscal 2021 pay mix between fixed and variable at-risk compensation was a 35-65 split for the CEO and a 54-46 split for the NEOs:



The realized fiscal 2021 pay mix between fixed and variable at-risk compensation was 52-48 for the CEO and 65-35 for the NEOs. The lower realized variable compensation was due to lower bonuses and lower value of security-based compensation vested during the year.

Assessment of Compensation and Benchmarking

The Governance Committee recognizes that past and future success of the Corporation relies on its most important asset, its people and especially its executive officers, and strives to foster compensation packages that promote the attraction, retention and development of quality personnel. The Governance Committee utilizes compensation information that is available from independent compensation consultants, compensation surveys such as from Mercer Canada Ltd. and publicly available information contained within the annual proxy circulars of a comparator group.

Compensation for both general pay levels and performance-based pay levels of all executive officers is compared against compensation paid to primarily similarly-sized Canadian technology companies to ensure it remains competitive. In determining the appropriate comparator group, the Corporation focuses on a number of criteria, such as market capitalization, profitability and the relative size of each entity.

In reviewing comparative data, the Governance Committee developed the comparator group consisting of nine software companies and one oil and gas services company, the shares of which are listed on the TSX. The comparator group was selected to provide a competitive context to compensation and is used as one of the considerations in the decision-making process on compensation programs for executive officers.

The comparator group for fiscal 2021 consisted of the following companies:

Absolute Software Corporation	Kinaxis Inc.
Calian Technologies Ltd.	Mediagrif Interactive Technologies
Descartes Systems Group Inc.	Pason Systems Inc.
Enghouse Systems Ltd.	TECSYS Inc.
Information Services Corporation	Vecima Networks

Of these ten companies, five of them overlap with the peer group identified by Institutional Shareholder Services, Inc. in relation to the Corporation in its 2017 analysis.

Base Salaries of Executive Officers

Base salary is intended to compensate core competencies in the executive role relative to skills, experience and contribution to the Corporation. Base salary provides fixed compensation determined by reference to competitive market information. The Governance Committee believes that salaries should be competitive and, as such, should provide the executive officers with an appropriate compensation that reflects their level of responsibility, industry experience, individual performance and contribution to the growth of the Corporation. Base salaries for executive officers of the Corporation are reviewed annually by the Governance Committee to ensure they are appropriate so as to protect the ability of the Corporation to hire and retain key personnel. In response to the COVID-19 pandemic and the volatile commodity price environment at the beginning of calendar 2020, the executive management team did not receive a salary increase on April 1, 2020. In addition, refer to the section titled “The COVID-19 Pandemic and the Corporation’s Response” for further discussion.

Annual Incentive Plan

The Corporation has adopted an annual incentive plan for all of its executive officers consisting of target bonuses and commissions which are approved annually by the Board.

With respect to executive bonuses, amounts are calculated based on meeting a combination of pre-tax earnings targets and growth in software license revenues which are specifically set out in a detailed five-tier formula. These two criteria represent key metrics in assessing the Corporation’s performance as it is critical for the Corporation to continue delivering software license growth while containing expenses. For this reason, the metrics of software license revenue and pre-tax earnings are used. When calculating bonuses, both the pre-tax earnings and software revenue growth targets are equally weighted to ensure a balanced perspective between sales growth and profitability. The bonus plan is intended to be competitive with the market while rewarding executive officers for meeting qualitative goals, including developing long-term growth prospects, delivering near-term financial and operating results, improving the efficiency and effectiveness of business operations, building a culture of teamwork focused on creating long-term shareholder value and managing risk capital in countries of increasing geopolitical and economic risk.

For the year ended March 31, 2021, the maximum bonus potential for the NEOs, in aggregate, was \$1,239,064 based on the Corporation achieving a year-over-year growth rate of six percent for both software license revenue and pre-tax earnings. For the year ended March 31, 2021, the actual bonus for the NEOs, in aggregate was \$638,127.

The following two tables disclose the metrics, weightings, targets, thresholds, and actual results used in the determination of the NEOs’ fiscal 2020 bonus awards:

Corporate Performance Metrics	Weight	Actual Performance Achieved in the Year Ended March 31, 2021
Software licenses revenue	50.0%	33.2%
Profit before income and other taxes	50.0%	33.9%
Total	100.0%	67.1%

Level of Attainment	% of Annual Incentive
Maximum	120%
Target	100%
Threshold	40%
Below Threshold	0%

The bonus plan is 100% based on corporate performance for the NEOs.

With respect to commissions, only those NEOs in the role of senior business development executives are eligible, being Messrs. Hicks and Erdle, and amounts are fixed at a set percentage of regional revenues. For the year ended March 31, 2021, the maximum commissions were \$71,500 and \$135,000 for Messrs. Hicks and Erdle, respectively. For the year ended March 31, 2021, actual commissions earned totalled \$174,211.

Security-Based Compensation

The allocation of security-based compensation awards and the terms of those awards are an integral component of the compensation package of the executive officers of the Corporation. The executive officers of the Corporation are eligible to receive awards under the following security-based compensation plans:

- PSU & RSU Plan;
- International Employees PSU & RSU Plan;
- Stock Option Plan;
- SARs Plan.

The PSU & RSU Plan and the Stock Option Plan are the only plans that involve issuance of Common Shares, were initially approved by the shareholders on July 13, 2017 and will be confirmed by shareholders every three years thereafter.

SARs grants and grants under the International Employees PSU & RSU Plan are settled solely in cash and have been approved by the Board.

The Corporation believes that an appropriate mix of grants of PSUs, RSUs, options and SARs incentivizes the executive team to focus on long-term corporate performance and creation of shareholder value. In fiscal 2021, the targeted equity-based compensation for the CEO was 25% and for the other NEOs the average targeted equity-based compensation was 16%.

The number of Common Shares reserved for issuance under the PSU & RSU Plan and the Stock Option Plan shall not in aggregate exceed 10% of the number of issued and outstanding Common Shares of the Corporation on a non-diluted basis and grants to insiders are limited

Performance Share Units and Restricted Share Units

The PSU and RSU Plan was implemented during fiscal 2018 with the intent to significantly replace stock options that were granted to executives on an annual basis. A PSU and an RSU entitle a holder to receive a Common Share of the Corporation or its cash equivalent.

The Governance Committee believes that the grant of PSUs and RSUs to the executive officers and share ownership by such executive officers serve to motivate achievement of the Corporation's long-term strategic objectives which will benefit all shareholders of the Corporation. PSUs and RSUs are awarded annually by the Board to employees of the Corporation (including the NEOs). Prior to submission to the Board for consideration, the Governance Committee reviews the recommendation of the executive officers regarding proposed RSU awards. The executive officers' determination of PSU and RSU grants is based on a review of performance for the prior fiscal year including consideration of the seniority, level of responsibility and the contribution of each individual toward the Corporation's goals and objectives. In some cases, RSU awards may be proposed as a means of enticing personnel into the employ of the Corporation.

The Governance Committee also considers the overall number of PSUs, RSUs and stock options that are outstanding relative to the number of outstanding Common Shares of the Corporation in determining whether to make any new grants of PSUs and RSUs and the size of such grants. In determining new grants of PSUs and RSUs, the Governance Committee considers prior grants as well as the terms of currently outstanding PSUs and RSUs. The granting of these specific PSUs and RSUs is reviewed by the Governance Committee for final recommendation to the Board for approval.

Fiscal 2020 was the first year that the Corporation granted PSUs, representing a performance-based equity vehicle for the executive officers, which is an effective way of aligning the executive officer's interest with the goal of enhancing shareholder value. Similar to RSUs, the primary factors considered in granting PSUs and determining the size of grants to the executive officers are the prior performance and level of responsibility and contribution to the Corporation's goals and objectives.

PSUs cliff vest at the end of three years, with the vesting multiplier ranging from 0.0 to 2.0 contingent upon achieving certain software license revenue and EBITDA targets over the course of the three-year performance period. Each performance factor has a weight of 50%. The Governance Committee established four levels of software license revenue and EBITDA that correspond to vesting levels of 0%, 50%, 100%, 150%, and 200%. Interpolation is used when performance falls between established levels.

The number of PSUs vesting on April 1, 2022 and April 1, 2023 cannot be determined as the performance period for each grant has not ended. For purposes of the Outstanding Share-Based and Option-Based Awards tables in this Information Circular, the number of PSUs vesting on April 1, 2022 and April 1, 2023 is calculated assuming a vesting multiplier of 1.0. Using the most recently completed fiscal year as an estimate of future performance, PSUs granted in fiscal 2020 are projected to pay out at 40% and PSUs granted in fiscal 2021 are projected to pay out at 132%.

The performance metrics of software license revenue and pre-tax earnings targets focus Management on developing the software tools the Corporation's customers need, increasing software license revenues and growing earnings. This in turn contributes to the Corporation's business strategy to be the leading developer and supplier of reservoir simulation software in the world.

International Employees Performance Share Units and Restricted Share Units

The International Employees PSU & RSU Plan was approved by the Board on May 22, 2019 and retains substantially all the terms and conditions of the PSU & RSU Plan, with two main exceptions: (i) only employees and consultants residing and working outside of Canada are eligible, and (ii) PSUs and RSUs under this plan can only be redeemed for cash. PSUs issued under the International Employees PSU & RSU Plan are subject to the same performance criteria as the PSUs issued under the PSU and RSU Plan.

Stock Options

The Corporation uses the Stock Option Plan on a discretionary and limited basis and considers grants to its executives and directors based on the strategic objectives of the Corporation, the need to retain and attract key personnel, the number of stock options already outstanding and the overall market conditions.

Stock option awards granted in the year ended March 31, 2021 (and set forth in the Summary Compensation Table) were made based on a review of fiscal 2020 performance and the seniority, level of responsibility and contribution of each individual towards the Corporation's goals and objectives.

Share Appreciation Rights

Executive officers residing outside of Canada (“international executive officers”) are eligible to receive share appreciation rights pursuant to the Corporation’s SARs Plan. As with the Stock Option Plan, the Governance Committee believes that SARs encourage executives to maximize shareholder value by aligning compensation with increase in the value of the Common Shares. The SARs Plan is described under the heading “Share Appreciation Rights Plan.”

The SARs are granted to executive officers residing and working outside of Canada, as determined eligible by the Board. The Governance Committee recommends all SARs grants (such SARs being settled in cash only) to international executive officers, based on the recommendation of the President and CEO, for approval by the Board. Factors considered in determining SAR grants include the experience, responsibilities and performance of the executives. Previous grants of SARs and stock options (granted prior to the implementation of the SARs Plan) are taken into account when considering new SAR grants to executive officers.

Summary of Total Awards Granted and Outstanding Under the Plans

The following table summarizes total awards granted and outstanding and NEO awards granted and outstanding for the PSU & RSU Plan and the Stock Option Plan, the only two plans that involve issuance of Common Shares:

	RSUs		PSUs		Options	
	Total	NEOs	Total	NEOs	Total	NEOs
Granted during the year ended March 31, 2021	291,726	22,527	45,264	30,492	796,490	255,010
Outstanding at March 31, 2021	484,256	40,757	69,062	49,337	3,523,700	834,490

The following table summarizes total awards granted and outstanding and NEO awards granted and outstanding for the International Employees PSU & RSU Plan and the SAR Plan, which can be settled only for cash:

	International Employee RSUs		International Employee PSUs		SARs	
	Total	NEOs	Total	NEOs	Total	NEOs
Granted during the year ended March 31, 2021	67,290	10,914	14,772	14,772	220,870	123,540
Outstanding at March 31, 2021	105,109	16,571	24,122	24,122	1,372,828	487,078

Clawback Policy

The Corporation has a clawback policy (the “**Clawback Policy**”) that is applicable to all incentive-based compensation, including bonuses and security-based compensation awards, paid or granted since February 9, 2016. Pursuant to the Clawback Policy, in the event that the Corporation is required to prepare an accounting restatement due to the material non-compliance of the Corporation with any financial reporting requirement under applicable laws, regulations, rules, policies or instruments of any securities commission, stock exchange or like body in Canada, any incentive compensation received by an executive officer will be subject to clawback as may be required under the Clawback Policy.

In addition, if the Board determines, acting reasonably, that any current or former executive officer has wilfully committed an act of fraud, dishonesty or misconduct in the performance of his or her duties as an executive officer or is found not to have achieved the underlying performance targets or metrics on which the incentive compensation was awarded, the Board may use reasonable efforts to recover any or all of the after-tax amount of the incentive compensation awarded to the executive officer.

There have been no actions or conduct precipitating a clawback since the Corporation's adoption of the Clawback Policy.

Chief Executive Officer Compensation

The compensation of the President and CEO of the Corporation is determined annually as part of the Executive Compensation Plan and is based on the same criteria as are applied to the other executive officers of the Corporation, although a greater percentage of the CEO's compensation is non-cash based than is the case for the other executive officers. See "Base Salaries of Executive Officers", "Annual Incentive Plan" and "Security-Based Compensation" above.

The President and CEO's compensation consists of a base salary, cash bonus potential, a benefits package and participation in the PSU & RSU Plan and the Stock Option Plan. Of the maximum cash compensation potential for the fiscal year ended March 31, 2021, 44 percent was fixed and 56 percent was based on the Corporation's performance. Year over year, more of the President and CEO's compensation has been tied to variable equity and performance-based compensation. This aligns CEO compensation more strongly with the goals of the Corporation and the interests of the shareholders.

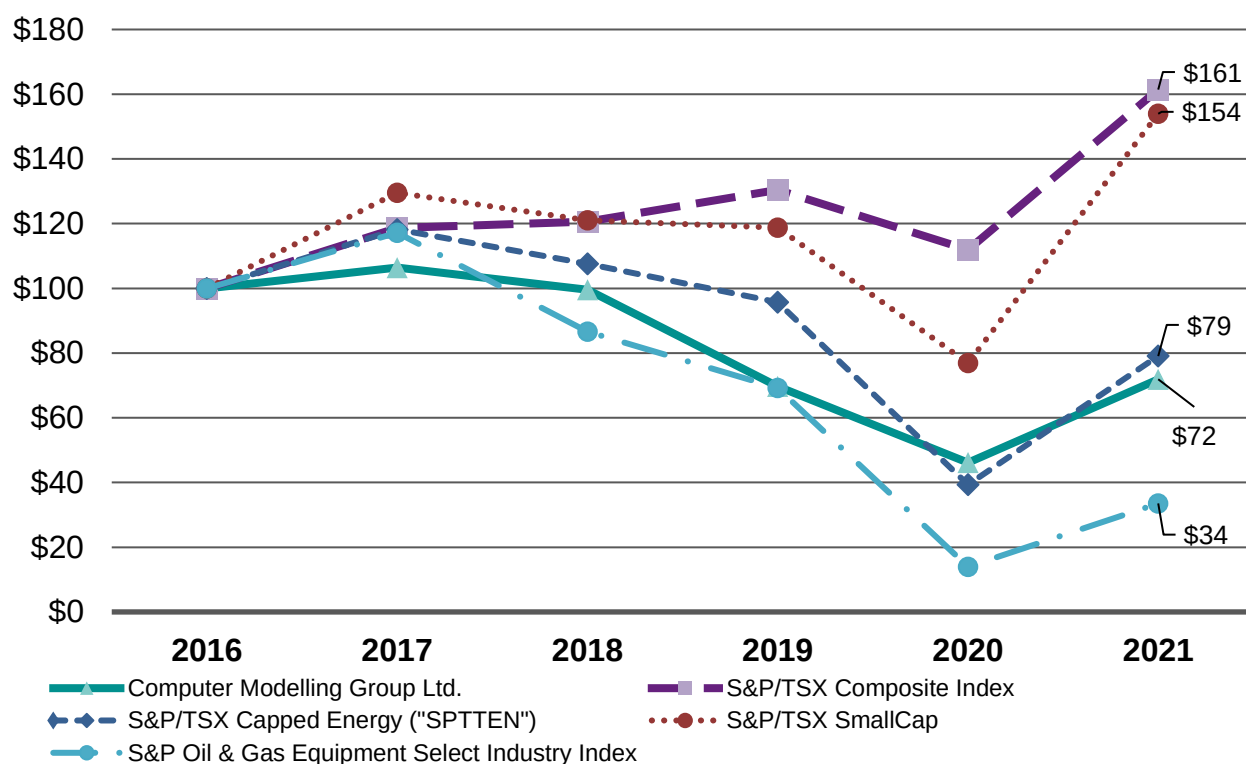
In the fiscal year ended March 31, 2021, Mr. Schneider received a salary of \$317,850 and earned a cash bonus of \$239,424 under the Corporation's annual incentive plan. As previously disclosed, the amount payable under the incentive plan was dependent on achievement of various target levels for software license revenue and pre-tax earnings. Mr. Schneider was also granted 15,720 PSUs, 11,613 RSUs and 131,470 options with an exercise price of \$5.08. These grants were based on a review of the Corporation's performance, as well as Mr. Schneider's level of responsibility and his contributions toward the Corporation's goals and objectives.

Shareholder Engagement on Executive Compensation

The Board governs executive compensation by means of carefully considered principles. The Board believes it is important for shareholders to be aware of the Corporation's approach to executive compensation and considers opportunities for shareholders to express their views on executive compensation. Rather than adopting a formal "say-on-pay" policy at this time, the Board has determined that it is in the Corporation's best interests to, on an ongoing and annual basis, continue to consider advice from the Corporation's shareholders on matters including, but not limited to, executive compensation. The Board receives this advice through direct engagement with significant shareholders and by ensuring the executive team provides opportunities in one-on-one investor meetings to hear their views on executive compensation and then relays these views to the Board for its consideration.

Performance Graph

The following performance graph compares the cumulative total shareholder return on the Corporation's Common Shares, assuming an initial investment of \$100 on March 31, 2016, to the cumulative total shareholder return on the S&P/TSX Composite Index, the S&P/TSX SmallCap Index, the TSX Capped Energy Index ("SPTTEN"), and S&P Oil & Gas Equipment Select Industry Index, between March 31, 2016 and March 31, 2021, assuming the reinvestment of dividends. The first two indices provide a broader reference point, including software/technology sector companies, while the latter two indices provide an appropriate reference point for the Corporation's return given that the Corporation, as the provider of software solutions to the oil and gas companies, is influenced by the oil and gas sector.

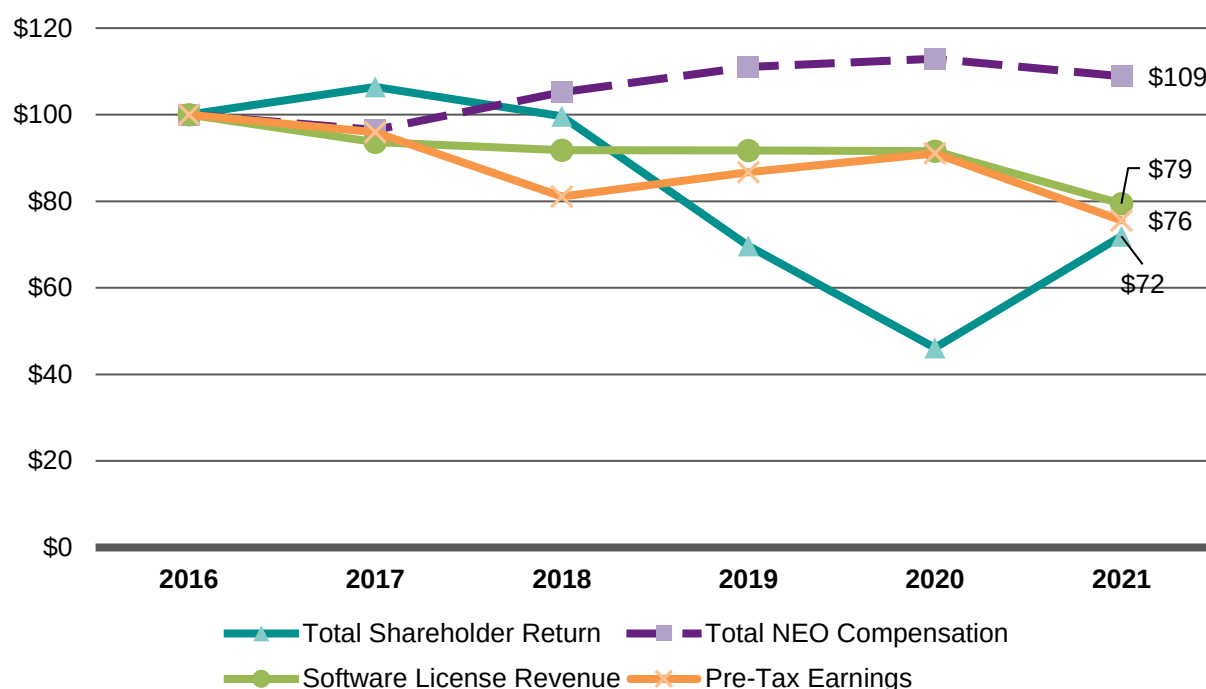


	At March 31,					
	2016	2017	2018	2019	2020	2021
Computer Modelling Group Ltd.	\$100	\$106	\$100	\$70	\$46	\$72
S&P/TSX Composite Index	\$100	\$119	\$121	\$130	\$112	\$161
S&P/TSX SmallCap	\$100	\$129	\$121	\$119	\$77	\$154
S&P/TSX Capped Energy ("SPTTEN")	\$100	\$118	\$108	\$96	\$39	\$79
S&P Oil & Gas Equipment Select Industry Index	\$100	\$117	\$87	\$69	\$14	\$34

Over the five-year period represented in the graph, the Corporation's total shareholder return followed a similar trajectory as the SPTTEN and S&P Oil & Gas Equipment Select Industry indices, but outperformed the S&P Oil & Gas Equipment Select Industry index at March 31, 2021.

Compensation Compared with Shareholder Return, Software License Revenue and Pre-Tax Earnings

The following graph compares the Corporation's total compensation of the NEOs with the cumulative total shareholder return, software license revenue and pre-tax earnings between the fiscal years ended March 31, 2016 and March 31, 2021. The comparison assumes an initial investment of \$100 and each of initial total compensation, initial software license revenue and initial pre-tax earnings equal to \$100 on March 31, 2016.



	At March 31					
	2016	2017	2018	2019	2020	2021
Total Shareholder Return	\$100	\$106	\$100	\$70	\$46	\$72
Total NEO Compensation ⁽¹⁾	\$100	\$96	\$105	\$111	\$113	\$109
Software License Revenue	\$100	\$94	\$92	\$92	\$92	\$79
Pre-Tax Earnings	\$100	\$96	\$81	\$87	\$91	\$76

Notes:

- (1) Fiscal 2019 Total NEO Compensation does not include total compensation paid to Ken Dedeluk, who retired from the position of the President and CEO on July 12, 2018, during which time Ryan Schneider was completing his transition into the same role.

The Governance Committee reviews and recommends to the Board the remuneration of the Corporation's executive officers, including the NEOs. The Governance Committee considers a number of factors in connection with its determination of appropriate levels of compensation including, but not limited to, the demand for and supply of skilled professionals, individual performance, the Corporation's performance (which is not necessarily tied exclusively to the trading price of the Common Shares on the TSX) and other factors discussed under the heading "Executive Compensation Discussion and Analysis" above. The trading price of the Common Shares on the TSX is subject to fluctuation based on a number of factors, many of which are outside the control of the Corporation. These include, but are not limited to, fluctuations and volatility in oil commodity prices, fluctuation in currency exchange, political, economic, and other uncertainties associated with international operations and negotiations with foreign governments and third parties in foreign jurisdictions, global economic conditions, changes in government, environmental policies, legislation, and other factors, some of which are disclosed and discussed under the heading "Business Risks" in the Corporation's MD&A and Annual Information Form.

The trends in the graphs indicate that there was a decrease in the total shareholder return from March 31, 2016 to March 31, 2021, a similar pattern that we see in the oil and gas indices. The uncertainty surrounding the COVID-19 pandemic, as well as decreased demand for oil and gas had a negative impact on the trading markets, and in particular on the oil and gas sector. During the same period, total cash compensation, consisting of base salaries and annual bonuses, paid to the NEOs (normalizing for Ken Dedeluk's compensation as his job responsibilities were reallocated and as he was transitioning into retirement during fiscal 2018 and 2019), decreased by 5%.

The amount of bonuses paid to executive officers is tied to the underlying financial performance of the Corporation and more specifically to software licence revenue and pre-tax earnings growth. Bonuses paid out during the five-year period indicated in the graphs were commensurate with the financial performance of the Corporation during the same time period, given that bonuses are 100% based on the achievement of the corporate goals. Annual bonuses decreased from fiscal 2017 to fiscal 2018, increased in fiscal 2019, remained flat in fiscal 2020 and decreased by 6% in fiscal 2021, as they were reflective of the 67.1% achievement of the 100% targeted 2021 bonus.

The Corporation awards options, PSUs and RSUs as part of its compensation strategy in order to better align the interests of executive officers with those of shareholders. Equity-based grants included in the Summary Compensation Table are measured at the value of the equity instrument on the day of grant, however, the post-grant value of these awards will vary with the Corporation's Common Share performance.

Total NEO compensation decreased by 4% during fiscal 2021, compared to fiscal 2020. At the same time, software license revenue decreased by 13% and pre-tax earnings decreased by 17%. The overall compensation of the President and CEO decreased by 6% compared to the previous fiscal year.

Summary Compensation Table

The following table discloses, for the fiscal years ended March 31, 2021, 2020 and 2019, total compensation earned by the Corporation's NEOs.

Name and Principal Position	Fiscal Year	Salary (\$)	Share-Based Awards ⁽¹⁾ (\$)	Option-Based Awards ⁽²⁾ (\$)	Non-Equity Incentive Plan Compensation		All Other Compensation (\$)	Total Compensation (\$)
					Annual Incentive Plans (\$) ⁽³⁾	Long-Term Incentive Plans (\$)		
Ryan N. Schneider President and CEO ⁽¹²⁾	2021	317,850	124,456	132,574	239,424	Nil	33,206 ⁽⁴⁾	847,510
	2020	391,200	97,551	83,583	291,496	Nil	37,123	900,953
	2019	384,000	79,200	102,824	297,124	Nil	36,964	900,112
Sandra Balic Vice-President, Finance and Chief Financial Officer	2021	128,470	58,479	62,289	57,827	Nil	18,842 ⁽⁵⁾	325,907
	2020	265,800	48,456	41,792	110,695	Nil	27,906	494,649
	2019	258,000	39,600	51,412	106,809	Nil	23,040	478,861
Kelly A. Tomy Interim Vice-President, Finance and Chief Financial Officer	2021	114,646	-	-	35,087	Nil	11,843 ⁽⁶⁾	161,576
Jim C. Erdle Vice-President, USA and Latin America ⁽¹³⁾	2021	292,979	58,479	62,289	195,000 ⁽⁷⁾	Nil	27,754 ⁽⁸⁾	636,501
	2020	343,812	48,463	41,791	186,462	Nil	31,525	652,053
	2019	339,578	Nil	80,592	195,674	Nil	30,226	646,069
Long X. Nghiem Vice President, Research and Development and Chief Technology Officer	2021	288,915	58,479	62,289	120,793	Nil	42,105 ⁽⁹⁾	572,581
	2020	339,900	48,456	41,792	127,299	Nil	47,526	604,973
	2019	330,000	39,600	51,412	120,403	Nil	45,048	586,463
R. David Hicks Vice President, Eastern Hemisphere ⁽¹³⁾	2021	253,644	58,479	62,289	164,207 ⁽¹⁰⁾	Nil	39,958 ⁽¹¹⁾	578,577
	2020	297,652	48,463	41,791	148,950	Nil	49,531	586,387
	2019	288,222	Nil	80,592	154,841	Nil	49,569	573,224

Notes:

- (1) For share-based awards, the value of awards at the grant date reflects the number of PSUs and RSUs granted multiplied by the volume-weighted average closing price of a Common Share on the TSX for the five trading days preceding the grant date (\$3.96 for PSUs, \$5.36 for RSUs).
- (2) The grant-date fair value of the option-based awards is determined in accordance with International Financial Reporting Standard 2 *Share-Based Payments* using the Black-Scholes model, with the following assumptions:

- Risk-free interest rate: 0.22% to 0.37%
- Estimated hold period prior to exercise: 3 to 4 years;
- Volatility in the price of Common Shares: 35% to 41%;
- Dividend yield per Common Share: 3.06% to 3.71%.

The Black-Scholes model was used as it is the most widely used method for option valuation.

- (3) Includes bonus values and commissions. Commissions earned in the year ended March 31, 2021 by Messrs. Erdle and Hicks were \$102,711 and \$71,500, respectively. See "Executive Compensation Discussion and Analysis – Annual Incentive Plan" above for a discussion of how bonuses are determined.
- (4) Mr. Schneider's Other Compensation includes contribution of \$25,519 to retirement savings plan.
- (5) Ms. Balic's Other Compensation includes contribution of \$16,742 to retirement savings plan.
- (6) Ms. Tomy's Other Compensation includes contribution of \$8,025 to retirement savings plan.
- (7) Mr. Erdle's Annual Incentive Plans comprise commission of \$102,711 and bonus of \$92,289.
- (8) Mr. Erdle's Other Compensation includes car allowance in the amount of \$10,173 and contribution of \$17,581 to retirement savings plan.
- (9) Mr. Nghiem's Other Compensation includes car allowance and car expenses in the amount of \$10,200 and contribution of \$26,040 to retirement savings plan.
- (10) Mr. Hick's Annual Incentive Plans comprise commission of \$71,500 and bonus of \$92,707.
- (11) Mr. Hick's Other Compensation includes car allowance in the amount of \$13,564 and contribution of \$26,394 to retirement savings plan.
- (12) Mr. Schneider was appointed to the office of President and CEO effective July 12, 2018. Compensation disclosed for part of fiscal 2019 was earned in Mr. Schneider's capacity as Chief Operating Officer.
- (13) Messrs. Erdle and Hicks were partially compensated in US dollars. The portion of their compensation which was paid in US dollars has been converted to Canadian dollars using an average exchange rate for the year, which was Cdn\$1.00 = US\$0.7520.

Outstanding Share-Based and Option-Based Awards

The Corporation adopted its current Amended and Restated Stock Option Plan in 2017. Under the terms of the Stock Option Plan, the Corporation may grant incentive stock options to directors, officers, employees and consultants of the Corporation or any subsidiary thereof. For description of the Stock Option Plan, see page 52. The following table sets forth information with respect to the outstanding awards granted under the Corporation's security-based compensation plans to the NEOs as at March 31, 2021.

Name	Option-Based Awards				Share-Based Awards		
	Number of Securities Underlying Unexercised Options / SARs (#)	Option / SARs Exercise Price (\$)	Option / SARs Expiration Date	Value of Unexercised In-the-Money Options / SARs ⁽¹⁾⁽²⁾⁽³⁾ (\$)	Number of Shares or Units of Shares that Have Not Vested (#)	Market or Payout Value of Share-Based Awards That Have Not Vested ⁽⁴⁾⁽⁵⁾⁽⁶⁾ (\$)	Market or payout value of vested share-based awards not paid out or distributed (\$)
Ryan N. Schneider	131,470	\$5.08	13-Aug-2025	88,085	45,954	263,766	Nil
	109,140	\$6.31	13-Aug-2024				
	66,600	\$9.20	13-Aug-2023				
	60,000	\$9.33	14-Aug-2022				
	54,000	\$9.78	12-Aug-2021				
Sandra Balic	61,770	\$5.08	13-Aug-2025	41,386	22,070	126,676	Nil
	54,570	\$6.31	13-Aug-2024				
	33,300	\$9.20	13-Aug-2023				
	30,000	\$9.33	14-Aug-2022				
	27,000	\$9.78	12-Aug-2021				
Jim C. Erdle	61,770	\$5.08	13-Aug-2025	41,386	20,346	116,783	Nil
	54,569	\$6.31	13-Aug-2024				
	52,200	\$9.20	13-Aug-2023				

	Option-Based Awards				Share-Based Awards		
Name	Number of Securities Underlying Unexercised Options / SARs (#)	Option / SARs Exercise Price (\$)	Option / SARs Expiration Date	Value of Unexercised In-the-Money Options / SARs ⁽¹⁾⁽²⁾⁽³⁾ (\$)	Number of Shares or Units of Shares that Have Not Vested (#)	Market or Payout Value of Share-Based Awards That Have Not Vested ⁽⁴⁾⁽⁵⁾⁽⁶⁾ (\$)	Market or payout value of vested share-based awards not paid out or distributed (\$)
Long X. Nghiem	48,000	\$9.33	14-Aug-2022	41,386	22,070	126,676	Nil
	27,000	\$9.78	12-Aug-2021				
	61,770	\$5.08	13-Aug-2025				
	54,570	\$6.31	13-Aug-2024				
	33,300	\$9.20	13-Aug-2023				
	30,000	\$9.33	14-Aug-2022				
	27,000	\$9.78	12-Aug-2021				
R. David Hicks	61,770	\$5.08	13-Aug-2025	41,386	20,346	116,783	Nil
	54,569	\$6.31	13-Aug-2024				
	52,200	\$9.20	13-Aug-2023				
	48,000	\$9.33	14-Aug-2022				
	27,000	\$9.78	12-Aug-2021				

Notes:

- (1) The closing price of a CMG Common Share on the TSX on March 31, 2021 was \$5.75.
- (2) Calculated by multiplying the number of Common Shares purchasable on exercise of the options or the number of SARs outstanding by the difference between the closing price of a CMG Common Share on the TSX at March 31, 2021 and the exercise price of the options or SARs.
- (3) Options and SARs vest as to 50% on the first anniversary and as to 25% on each of the second and third anniversaries of the date of grant.
- (4) RSUs vest as to one third on each anniversary date following the grant date (which is usually in August) and are redeemed shortly after vesting. As such, there are no vested RSUs outstanding at March 31, 2021.
- (5) PSUs cliff-vest at the end of three years, with the vesting multiplier ranging from 0.0 to 2.0 contingent upon achieving certain corporate performance criteria over the course of the three-year performance period. The number of PSUs vesting on April 1, 2022 and April 1, 2023 is calculated at March 31, 2021 assuming a vesting multiplier of 1.0. The Corporation's actual performance cannot be determined as the performance period for each grant has not ended.
- (6) The value of unvested RSUs and PSUs is calculated by multiplying the number of RSUs and PSUs outstanding at March 31, 2021 by the volume-weighted average closing price of a CMG Common Share on the TSX for five preceding trading days (\$5.74).
- (7) For certainty, Ms. Tomyne did not receive any option-based or share-based awards due to the interim nature of her position.

Incentive Plan Awards – Value Vested or Earned During the Year

The following table sets forth the value of awards granted to the NEOs of the Corporation pursuant to the Corporation's security-based compensation plans vested during the year ended March 31, 2021 and Non-Equity Incentive Plan Compensation earned during the year ended March 31, 2021.

Name	Option-Based Awards - Value Vested During Year (\$) ⁽¹⁾	Share-Based Awards - Value Vested During Year (\$) ⁽²⁾	Non-Equity Incentive Plan Compensation - Value Earned During Year (\$)
Ryan N. Schneider	Nil	50,716	239,424
Sandra Balic	Nil	25,355	57,827
Kelly A. Tomy	-	-	35,087
Jim C. Erdle	Nil	6,978	195,000
Long X. Nghiem	Nil	25,355	120,793
R. David Hicks	Nil	6,978	164,207

Notes:

- (1) The value shown is the product of the number of Common Shares underlying the option or SAR that vested multiplied by the difference between the closing TSX price of a CMG Common Share on the date the options or SARs vested and the Canadian dollar exercise price of the options or SARs that vested. All options and SARs vested during the year were out of the money.
- (2) RSUs vest as to one third on each anniversary date following the grant date (which is usually in August) and are redeemed shortly after vesting. The value of vested RSUs is calculated, in accordance with the PSU & RSU Plan, by multiplying the number of RSUs by the volume-weighted average closing price of a CMG Common Share on the TSX for five trading days preceding the vesting date.

Pension Plan Benefits

The Corporation has not established a pension plan for the NEOs or other employees of the Corporation.

Retirement Savings Program

The Corporation has established a retirement savings program by which the Corporation contributes an amount to an employee's retirement savings plan representing a specified percentage of the employee's salary and total annual incentive plan amounts. Under this program, the Corporation contributes seven percent of the salary and annual incentive amounts received by the Canadian resident NEOs, up to the maximum allowable under Canadian tax laws. The Corporation contributes five percent of the salary and annual incentive received by its United States resident NEO to an Individual Retirement Account, up to the maximum permitted under U.S. tax laws. The Corporation pays out seven percent of the salary and annual incentive plan amounts to its NEO resident in the United Arab Emirates in lieu of pension, up to the maximum allowable under Canadian tax laws. The following table sets forth the value received by the NEOs during the year pursuant to the retirement savings program:

Name	Contributed Value (\$)
Ryan N. Schneider	25,519
Sandra Balic	16,742
Kelly A. Tomy	8,025
Jim C. Erdle	17,581
Long X. Nghiem	26,040
R. David Hicks	26,394
	120,301

Deferred Compensation Plans

The Corporation has not established a deferred compensation plan for the NEOs or other employees of the Corporation.

Termination and Change of Control Benefits

Each of the NEOs has an employment agreement with the Corporation. Each agreement provides for a base salary with bonus and benefits to be established by the Governance Committee and to be reviewed no less than annually. The employment agreements in effect for the year ended March 31, 2021 for Messrs. Erdle, Nghiem and Hicks and Ms. Balic provided that, in the event that the executive officer's employment is terminated by the Corporation for any reason other than disability, death or cause, the executive is entitled to a retirement allowance comprised of one year's worth of salary, bonus, benefits and commissions where applicable. The employment agreement with Kelly A. Tomy provides that, in the event that her employment is terminated by the Corporation prior to September 30, 2021 for any reason other than disability, death or cause, she is entitled to a retirement allowance equal to the lesser of: (i) one twelfth of her annual salary, or (ii) a pro-rata portion of her annual salary to which she would be entitled had she continued in employment through to September 30, 2021.

The employment agreement for Ryan N. Schneider, the President and CEO of the Corporation provides that, in the event his employment is terminated by the Corporation for reason other than disability, death or cause, he is entitled to a retirement allowance of two years' worth of salary, bonus and benefits.

The employment agreements reflect current legislative and regulatory requirements, as well as best practices and the guidance of institutional shareholder organizations and contain double-trigger change of control provisions. Change of control payments to executive officers are only triggered if the executive officer is terminated, either actually or constructively, without cause following a change of control. In the event of a change of control, there are also vesting acceleration provisions and other provisions in the Stock Option Plan, PSU & RSU Plan, International Employee PSU & RSU Plan and SARs Plan, which affect any issued and outstanding awards. A detailed description of the change of control provisions under these plans can be found under the section headed Incentive Plan Awards commencing on page 49.

The following table sets forth estimates of payments that would be made to NEOs in the event that the NEO's employment was terminated by the Corporation: (i) for any reason other than disability, death or cause, or (ii) in the event of a merger or other change of control of the Corporation, assuming that the triggering event occurred on March 31, 2021:

Name	Triggering Event	Cash Payment ⁽¹⁾ (\$)	Value of Unvested In-the-Money Option-Based Awards ⁽³⁾⁽⁴⁾ (\$)	Value of Unvested Share-Based Awards ^{(6)(7) (8)} (\$)	Total (\$)
Ryan N. Schneider	Termination by Corporation Change of Control ⁽²⁾	1,209,177	-	-	1,209,177
		1,209,177	88,085	263,766	1,561,028
Sandra Balic	Termination by Corporation Change of Control	218,637	-	-	218,637
		218,637	41,386	126,676	386,699
Kelly A. Tomy	Termination by Corporation Change of Control	18,000	-	-	18,000
		18,000	-	-	18,000
Jim C. Erdle ⁽⁵⁾	Termination by Corporation Change of Control	546,280	-	-	546,280
		546,280	41,386	116,783	704,449
Long X. Nghiem	Termination by Corporation Change of Control	464,728	-	-	464,728
		464,728	41,386	126,676	632,790
R. David Hicks ⁽⁵⁾	Termination by Corporation Change of Control	491,121	-	-	491,121
		491,121	41,386	116,783	649,290

Notes:

- (1) Includes salary, bonus and commission values, car allowance and car expenses, retirement savings plan contributions and estimated cost of life and health insurance benefits.

- (2) In the event of a change of control and upon the NEO's termination by the Corporation for any reason other than disability, death or cause, the NEO is entitled to a retirement allowance only.
- (3) The Corporation's Stock Option Plan and SARs Plan provide for an immediate vesting of all unvested stock options and SARs for all participants upon a change of control.
- (4) Calculated by multiplying the number of Common Shares purchasable on exercise of the options, or the number of SARs outstanding, by the difference between the TSX closing price of a CMG Common Share at March 31, 2021 and the exercise price of the options or SARs.
- (5) Messrs. Erdle and Hicks are partially compensated in US dollars. The portion of their compensation which would be paid in US dollars has been converted to Canadian dollars using an average exchange rate for the year, which was Cdn\$1.00 = US\$0.7520.
- (6) The Corporation's PSU & RSU Plan and International Employees PSU & RSU Plan provide, upon involuntary termination, for redemption of PSUs and RSUs that are vested as at the termination date. Since RSUs vest as to one third on each anniversary date (which is usually in August) and are redeemed shortly after vesting, there are no vested RSUs outstanding at March 31, 2021. None of the PSUs have vested as at March 31, 2021, because PSUs cliff vest at the end of three years and the first PSU grant will vest on March 31, 2022.
- (7) The Corporation's PSU & RSU Plan provides for an immediate vesting of all unvested PSUs and RSUs for all participants upon a change of control, provided at least one of the two of the following circumstances occurs:
 - (i) The surviving corporation does not assume the Corporation's obligations with respect to the PSUs or RSUs or replace each PSU or RSU with an equivalent award that satisfies certain criteria; or
 - (ii) The surviving corporation assumes or replaces the PSUs or RSUs, but within two years of the change of control, the employee is terminated without cause or resigns for good reason.
- (8) The fair value is calculated, in accordance with the PSU and RSU plan, by multiplying the number of RSUs by the volume-weighted average closing price of a CMG Common Share on the TSX for five trading days preceding March 31, 2021 (\$5.74).

REMUNERATION OF DIRECTORS

The compensation package for the directors of the Corporation is determined on an annual basis by the independent directors who serve on the Governance Committee who then present their recommendations for the appropriate compensation mix for the approval of all the Board members. The compensation package is designed to: (i) provide suitable recognition of the ability and industry of the directors who contribute materially to the success of the Corporation; (ii) attract and retain talented individuals who possess the attributes, skills and experience identified to be important to the successful operation of the Board and its role and responsibilities; and (iii) most importantly, to align the interests of the directors and the shareholders in ensuring the Corporation achieves its long-term objectives.

With these goals in mind, the Governance Committee has established a compensation package comprising: annual and meeting retainers and incentive plan awards. In the fiscal year ended March 31, 2021, the compensation consisted of the cash retainers, deferred share unit grants, and stock options as more specifically described below.

To ensure the Corporation's compensation plan for directors is consistent with those of directors in similarly sized Canadian technology and oil and gas services companies, both the retainers and the incentive plan awards being recommended are compared against the same comparator group used to assess executive compensation as set out on page 30. These comparisons are done using independent compensation consultant information such as available from Mercer Canada Ltd., as well as by surveying publicly available information contained within annual proxy circulars (just as with executive compensation). The Governance Committee has strived to set its total compensation consistent with the median and has been cognizant of its responsibility to shareholders not to drive up compensation levels by trying to set compensation at the highest levels.

Annual and Meeting Retainers

The Board of the Corporation has established a formal compensation arrangement for non-management directors consisting of annual Board and Committee member retainers and annual retainers for the Board Chair and the Chairs of the Governance Committee and Audit Committee of the Board.

Effective July 1, 2021, and in response to the COVID-19 related market downturn, certain directors' cash compensation was reduced by 20%. The table below sets forth a summary of the compensation arrangements for directors reflecting these reductions:

Element of Compensation	Fiscal 2020
Board Member Annual Retainer	\$36,000
Board Chair Annual Retainer	\$36,000
Governance Committee Annual Retainer	\$8,800
Governance Committee Chair Annual Retainer	\$4,800
Audit Committee Annual Retainer	\$8,800
Audit Committee Chair Annual Retainer	\$4,800
Board and Committee Meeting Fee (per meeting) ⁽¹⁾	\$1,600 ⁽²⁾

Notes:

- (1) Attended in person or by telephone or other electronic means.
- (2) With the exception of the COVID-19-focused Board meetings held on April 15 and May 5, 2020, the fee for which was \$1,000 per director per meeting.

In addition, each director who serves as a member on the Audit Committee and Governance Committee receives the sum set forth above for such participation. These fee payments recognize the additional work and risk which directors serving on these Committees assume as part of their Committee obligations. Further, the directors who serve as chairpersons of the Board, Audit Committee and Governance Committee receive the additional amount set out above to recognize their specific contributions as leaders and administrators of the Board and of these Committees.

Incentive Plan Awards

Deferred Share Unit Plan for Non-Employee Directors

On May 18, 2017, the Board of Directors approved the DSU Plan for non-employee directors. The objective of the DSU Plan is to align director compensation with longer-term performance of the Corporation and, over time, to replace a significant portion of stock options grants.

The principal purposes of the DSU Plan are to: (i) enhance the Corporation's ability to attract and retain talented individuals to serve as members of the Board; (ii) advance the long-term interests of the Corporation by providing such persons with the opportunity and incentive, through cash compensation tied to the price of the Common Shares, to participate in the long-term success of the Corporation; and (iii) promote a greater alignment of interests between directors and shareholders of the Corporation.

A deferred share unit ("**DSU**") is a notional security that entitles non-employee directors to receive cash upon ceasing to be members of the Board. The value of each such DSU corresponds to the volume-weighted average trading price of the Common Shares for the five trading days immediately preceding such date, as reported by the TSX ("**Fair Market Value**").

The Board may permit non-employee directors to elect to receive up to 100% of the annual compensation paid by the Corporation for service on the Board or any committee thereof (including any annual retainer or meeting fees) in the form of DSUs by completing an election form, subject to any minimum percentage that may be imposed by the Board.

Periodically, the Board or Governance Committee may make discretionary grants of DSUs to non-employee directors, subject to the terms and conditions of the DSU Plan, and as part of the directors' annual compensation arrangements. While the Board has approved these two processes (election by directors and Board awards) in the DSU Plan for flexibility, the intention of the Board is to grant DSUs to the non-employee directors as part of the annual director's compensation package to align the directors' interest with those of shareholders focused on the long-term success of the Corporation.

DSUs vest immediately, but cannot be redeemed until the non-employee director ceases to be a member of the Board. Before ceasing to be a member of the Board, the non-employee director may choose one or two dates on which either a portion or all of his or her DSUs will be redeemed, subject to certain restrictions in the DSU Plan. The value of the DSUs is equal to the Fair Market Value of a Share on the date the non-employee director ceases to be a member of the Board multiplied by the number of DSUs credited to his or her notional account, and shall be paid by the Corporation in a lump sum cash payment, net of applicable withholding taxes.

DSUs will not entitle a director to any voting or other shareholder rights. DSUs are non-transferable and non-assignable other than by operation of law.

Whenever a dividend is paid on Common Shares, dividend equivalents will be credited to each non-employee director who holds DSUs. Such dividend equivalents convert into additional DSUs based on the Fair Market Value as of the payment date of the dividend.

In the case of any dividend, share split, combination or exchange of Common Shares, merger, consolidation, spin-off or other distribution or other similar change in the capital structure of the Corporation, the Governance Committee, in its discretion, may make such proportionate adjustments, if any, as it deems appropriate to reflect such changes to the DSUs outstanding under the DSU Plan, including the number of DSUs outstanding under the Plan.

The Board may amend the DSU Plan or awards made under the DSU Plan at any time as the DSU Plan solely involves cash awards, provided, however, that no such amendment may adversely affect any DSU previously granted to a non-employee director without the consent of the non-employee director, except to the extent required by applicable law.

In the year ended March 31, 2021, an aggregate of 30,410 DSUs were granted to non-employee directors of the Corporation.

Stock Option Plan

The Governance Committee, in its role as the compensation committee, considers the allocation of stock options to directors annually as part of the directors' compensation package. As in the case of the executive officers, the Governance Committee believes that the grant of stock options to the directors and share ownership by such directors serves to motivate achievement of the Corporation's strategic objectives and that the result benefits all shareholders of the Corporation. Stock options are recommended by the Governance Committee and awarded to the directors by the Board. In awarding stock options to directors, the Governance Committee members consider the contributions of each of the directors and the increased responsibilities and time that each of the Chair and the Committee Chairpersons contribute. Stock options are also seen as a means of ensuring the retention of directors who bring the skills and experience that is so necessary to the successful operation of the Board in its oversight role.

Since the introduction of the DSU Plan in fiscal 2018, DSUs partially replaced options. An aggregate of 172,100 options to acquire Common Shares were granted to non-employee directors during the year ended March 31, 2021 at a weighted average exercise price of \$5.87.

Director Compensation Table

The following table sets forth information concerning compensation paid to the non-management directors of the Corporation for the fiscal year ended March 31, 2021.

Name	Fees Earned (\$)	Share-Based Awards ⁽¹⁾ (\$)	Option-Based Awards ⁽²⁾ (\$)	Non-Equity Incentive Plan Compensation (\$)	All Other Compensation (\$)	Total (\$)
Judith J. Athaide	63,600	19,407	20,652	Nil	Nil	103,659
John E. Billowits ⁽³⁾	18,643	11,607	15,230	Nil	Nil	45,480
Kenneth M. Dedeluk	49,600	19,407	20,652	Nil	Nil	89,659
Christopher L. Fong	79,200	19,407	20,652	Nil	Nil	119,259
Patrick R. Jamieson	68,400	23,320	24,827	Nil	Nil	116,547
Peter H. Kinash	70,000	23,320	24,827	Nil	Nil	118,147
Mark R. Miller	63,200	19,407	20,652	Nil	Nil	103,259
Robert F. M. Smith ⁽⁴⁾	6,000	-	-	-	-	6,000
John B. Zaozirny	85,600	29,057	30,958	Nil	Nil	145,615

Notes:

- (1) For share-based awards, the fair value of awards at the grant date reflects the number of DSUs granted multiplied by the volume-weighted average closing price of a Common Share on the TSX for the five trading days preceding the grant date.
- (2) The grant-date fair value of the option-based awards is determined in accordance with International Financial Reporting Standard 2 *Share-Based Payments* using the Black-Scholes model, with the following assumptions:
 - Risk-free interest rate: 0.22% to 0.37%;
 - Estimated hold period prior to exercise: 3 to 4 years;
 - Volatility in the price of Common Shares: 35% to 41%;
 - Dividend yield per Common Share: 3.06% to 3.71%.
The Black-Scholes model was used as it is the most widely used method for option valuation.
- (3) Mr. Billowits joined the Board January 20, 2021. In conjunction with this appointment, he was granted share-based and option-based awards on a *pro rata* basis reflecting the actual time he served as a director in relation to the one-year director compensation cycle.
- (4) Mr. Smith retired from the board on July 16, 2020.

Outstanding Share-Based and Option-Based Awards

The following table sets forth all awards outstanding at the end of the financial year ended on March 31, 2021 to the directors of the Corporation.

Name	Option-Based Awards				Share-Based Awards		
	Number of Securities Underlying Unexercised Options (#)	Option Exercise Price (\$)	Option Expiration Date	Value of Unexercised In-the-Money Options ⁽¹⁾⁽²⁾⁽³⁾ (\$)	Number of Shares or Units of Shares that Have Not Vested (#)	Market or Payout Value of Share-Based Awards That Have Not Vested (\$)	Market or Payout Value of Vested Share-Based Awards Not Paid Out or Distributed ⁽⁴⁾ (\$)
Judith J. Athaide	20,480	\$5.08	13-Aug-2025	\$13,722	Nil	Nil	\$56,953
	18,190	\$6.31	13-Aug-2024				
	11,100	\$9.20	13-Aug-2023				
	10,000	\$9.33	14-Aug-2022				
John E. Billowits	10,240	\$6.59	11-Feb-2026	Nil	Nil	Nil	\$10,473
	20,480	\$5.08	13-Aug-2025	\$13,722	Nil	Nil	\$46,626

Kenneth M. Dedeluk ⁽⁵⁾	18,190	\$6.31	13-Aug-2024				
	11,100	\$9.20	13-Aug-2023				
	45,000	\$9.33	14-Aug-2022				
	45,000	\$9.78	12-Aug-2021				
Christopher L. Fong	20,480	\$5.08	13-Aug-2025	\$13,722	Nil	Nil	\$56,953
	18,190	\$6.31	13-Aug-2024				
	11,100	\$9.20	13-Aug-2023				
	10,000	\$9.33	14-Aug-2022				
	9,000	\$9.78	12-Aug-2021				
Patrick R. Jamieson	24,620	\$5.08	13-Aug-2025	\$16,495	Nil	Nil	\$68,416
	21,850	\$6.31	13-Aug-2024				
	13,350	\$9.20	13-Aug-2023				
	12,000	\$9.33	14-Aug-2022				
	9,000	\$9.78	12-Aug-2021				
Peter H. Kinash	24,620	\$5.08	13-Aug-2025	\$16,495	Nil	Nil	\$64,371
	21,850	\$6.31	13-Aug-2024				
	11,100	\$9.20	13-Aug-2023				
	10,000	\$9.33	14-Aug-2022				
	10,000	\$12.31	14-Aug-2020				
Mark R. Miller	20,480	\$5.08	13-Aug-2025	\$13,722	Nil	Nil	\$36,491
	18,190	\$8.70	15-Nov-2024				
Robert F. M. Smith ⁽⁶⁾	18,190	\$6.31	16-Jul-2021	-	-	-	-
	13,350	\$9.20	16-Jul-2021				
	12,000	\$9.33	16-Jul-2021				
	11,000	\$9.78	16-Jul-2021				
John B. Zaozirny	30,700	\$5.08	13-Aug-2025	\$20,569	Nil	Nil	\$85,339
	27,280	\$6.31	13-Aug-2024				
	16,650	\$9.20	13-Aug-2023				
	15,000	\$9.33	14-Aug-2022				
	11,000	\$9.78	12-Aug-2021				

Notes:

- (1) The closing price of the Corporation's shares on the TSX on March 31, 2021 was \$5.75.
- (2) Calculated by multiplying the number of Common Shares purchasable on exercise of the options by the difference between the market price of a CMG Common Share at March 31, 2021 and the exercise price of the options.
- (3) Options vest as to 50% on the first anniversary and as to 25% on each of the second and third anniversaries of the date of grant.
- (4) DSUs vest immediately upon grant, but cannot be redeemed by directors until they cease to hold office. The market value is calculated by multiplying the number of DSUs outstanding at March 31, 2021 by the volume-weighted average closing price of a CMG Common Share on the TSX for five preceding trading days (\$5.74).
- (5) Mr. Dedeluk retired as the President and CEO on July 12, 2018. His options and share-based awards reflect options and RSUs he was granted in this capacity, as well as after, when he became a non-management director.
- (6) Mr. Smith retired from the board on July 16, 2020 and redeemed his DSUs following his retirement. Mr. Smith's options continue to vest and be exercisable for one year after his retirement date.

Incentive Plan Awards – Value Vested During the Year

The following table sets forth information in respect of the value of awards granted to the directors of the Corporation pursuant to the Corporation's security-based compensation plans vested during the year ended March 31, 2021 and Non-Equity Incentive Plan Compensation earned during the year ended March 31, 2021.

Name	Option-Based Awards - Value Vested During Year (\$)⁽¹⁾	Share-Based Awards - Value Vested During Year (\$)⁽²⁾	Non-Equity Incentive Plan Compensation - Value Earned During Year (\$)
Judith J. Athaide	Nil	19,407	Nil
John E. Billowits	Nil	11,607	Nil
Kenneth M. Dedeluk ⁽³⁾	Nil	19,407	Nil
Christopher L. Fong	Nil	19,407	Nil
Patrick R. Jamieson	Nil	23,320	Nil
Peter H. Kinash	Nil	23,320	Nil
Mark R. Miller	Nil	19,407	Nil
Robert F. M. Smith ⁽⁴⁾	Nil	-	Nil
John B. Zaozirny	Nil	29,057	Nil

Notes:

- (1) The value shown is the product of the number of Common Shares underlying the option that vested multiplied by the difference between the TSX closing price of a Common Share on the date the options vested and the Canadian dollar exercise price of the options that vested. All options vested during the year were out of the money.
- (2) DSUs vest immediately upon grant, but cannot be redeemed by directors until they cease to hold office. The value vested during the year is calculated as the number of DSUs granted multiplied by the volume-weighted average closing price of a Common Share on the TSX for five trading days preceding the grant date.
- (3) Mr. Dedeluk retired as the President and CEO on July 12, 2018. His options and share-based awards reflect options and RSUs he was granted in this capacity, as well as after, when he became a non-management director.
- (4) Mr. Smith retired from the board on July 16, 2020.

Executive Officer and Director Equity Ownership

The Board believes that share ownership is important because it aligns the interest of the directors and the executives with those of the shareholders of the Corporation.

According to the Corporation's Share Ownership Policy, directors are required to own at least 3x their annual cash retainer within five years of being elected to the Board. Equity ownership includes Common Shares and DSUs.

The Corporation's President and CEO is mandated to own at least 3x his or her annual base salary in the Corporation's equity within five years of appointment. The Corporation's executive officers are required to own at least 2x their annual base salary in the Corporation's equity within five years of appointment. Equity ownership includes Common Shares, but does not include PSUs or RSUs.

In the event of promotion or salary/retainer increase, the executive officer or director will have three years from the time of the promotion or the increase, as applicable, to meet the minimum shareholding requirement.

We measure the value of the director and executive officer equity holdings at the higher of the closing Common Share price at March 31, 2021 or their original purchase price (and in the case of DSUs, their grant date fair value). The closing Common Share price is calculated as the volume-weighted average closing share price on the Toronto Stock Exchange for the ten trading days preceding and including the last trading day of the fiscal year.

Name	Meets Share Ownership Target at March 31, 2021
NEOs:	
Ryan N. Schneider	Yes
Kelly A. Tomin ⁽¹⁾	N/A
Sandra Balic	Yes
Jim C. Erdle	Yes
Long X. Nghiem	Yes
R. David Hicks	Yes
Directors:	
Judith J. Athaide	Yes
John E. Billowits ⁽²⁾	N/A
Kenneth M. Dedeluk	Yes
Christopher L. Fong	Yes
Patrick R. Jamieson	Yes
Peter H. Kinash	Yes
Mark R. Miller ⁽²⁾	N/A
John B. Zaozirny	Yes

Notes:

- (1) As Ms. Tomin is Interim VP Finance and CFO for a term of approximately 12 months, executive share ownership guidelines do not apply to her.
- (2) Messrs. Billowits and Miller have five years from the date they joined the Board (January 20, 2021 and October 23, 2019, respectively) to attain the required share ownership level.

SECURITIES AUTHORIZED FOR ISSUANCE UNDER EQUITY COMPENSATION PLANS

The following table sets forth, as of March 31, 2021, the number of Common Shares that were authorized for issuance with respect to the Stock Option Plan and the PSU & RSU Plan, the only security-based compensation plans of the Corporation in which securities may be issued from treasury.

Plan Category	Number of securities to be issued upon exercise of outstanding options, warrants and rights ⁽¹⁾	Weighted-average exercise price of outstanding options, warrants and rights	Number of securities remaining available for future issuance under equity compensation plans (excluding securities reflected in column (a))
Equity compensation plans approved by securityholders	4,077,018	\$7.82	3,951,592
Equity compensation plans not approved by securityholders	Nil	Nil	Nil
Total	4,077,018	\$7.82	3,951,592

Notes:

- (1) Includes stock options, PSUs and RSUs.

Number of Common Shares Available for Issuance

The aggregate number of Common Shares that may be reserved for issuance under the PSU & RSU Plan and the Stock Option Plan combined is 10% of the Corporation's issued and outstanding Common Shares. Based on the 80,286,103 Common Shares issued and outstanding as at May 19, 2021, the Corporation

may issue up to 8,028,610 Common Shares pursuant to its security-based compensation arrangements. As at May 19, 2021, the Corporation has 3,523,700 stock options outstanding, 117,982 PSUs outstanding and 474,867 RSUs outstanding. Accordingly, 3,912,061 Common Shares remain available in aggregate for future issuances under the PSU & RSU Plan and the Stock Option Plan as at May 19, 2021, representing 4.9% the Corporation's issued and outstanding Common Shares.

INCENTIVE PLAN AWARDS

Performance Share Unit and Restricted Share Unit Plan

On July 13, 2017, the shareholders of the Corporation approved the PSU & RSU Plan. The PSU & RSU Plan was subsequently amended by the Board on August 8, 2018 and on May 27, 2020 as permitted by the plan. The plan is open to all employees, officers and consultants of the Corporation ("**Participants**"). PSU and RSU grants are recommended by the Governance Committee and approved by the Board.

The purposes of the PSU & RSU Plan are to: (i) promote further alignment of interests between key persons and the shareholders of the Corporation by providing such persons with the opportunity, through equity-based compensation, to participate in an increase in the equity value of the Corporation; (ii) provide a compensation system for key persons that is reflective of the responsibility, commitment and risk accompanying their management role over the medium term (iii) allow key persons to participate in the success of the Corporation over the medium term; and (iv) provide a retention incentive to employees over the medium term.

Grants

PSUs and RSUs are generally granted annually to eligible Participants, although that is at the discretion of the Governance Committee. The terms of any PSUs and RSUs granted under the plan are established by the Board of Directors at the time of grant in accordance with the plan and the specific terms, including the aggregate number of PSUs or RSUs (as the case may be) awarded to a Participant, the effective date, the vesting schedule, the expiry date and performance metrics and performance thresholds (in the case of PSUs) are set out a PSU Award Agreement or RSU Award Agreement, as the case may be, executed by the President and Chief Executive Officer and the Participant. In establishing these terms, the Governance Committee considers all applicable laws and the requirements of the plan.

Vesting and Term

PSUs cliff vest at the end of three years less a day from the grant date. PSUs entitle Participants to receive Common Shares if specified performance thresholds for established performance metrics, such as software license revenue, EBITDA targets or other appropriate metrics established by the Board are achieved. The PSUs shall vest as to 0-200% based upon the thresholds for each weighted performance criteria, with each performance threshold being assigned a multiplier of between 0.0 and 2.0. RSUs vest as to one third on each anniversary date following the date such RSUs are granted. As soon as practicable after vesting, vested PSUs and RSUs will be redeemed for the Common Shares of the Corporation or surrendered in exchange for cash payment equal to the market value of a Common Share of the Corporation on the date of such surrender. The market value is defined as the volume-weighted average closing price of a Common Share on the TSX for five preceding trading days.

Restrictions on the Award of Share Units

Pursuant to the terms of the PSU & RSU Plan: (i) the number of Common Shares that may be reserved from time to time for issuance under the PSU & RSU Plan shall not exceed 5% of the aggregated number of issued and outstanding Common Shares on a non-diluted basis from time to time; (ii) the number of Common Shares reserved for issuance under the PSU & RSU Plan and any other security based compensation arrangement of the Corporation (including the Stock Option Plan) shall not exceed 10% of the aggregated number of issued and outstanding Common Shares on a non-diluted basis from time to time; (iii) the maximum number of Common Shares that may be reserved for issuance to insiders of the Corporation under the PSU & RSU Plan and under any other security-based compensation arrangement of the Corporation shall not exceed 5% of the issued and outstanding Common Shares of the Corporation; (iv) the number of Common Shares issued to insiders of the Corporation under the PSU & RSU Plan and

under any other security-based compensation arrangement of the Corporation shall not exceed 5% of the issued and outstanding securities of the Corporation within a one-year period; and (v) the aggregate issuance to any one insider within a one-year period of a number of Common Shares under the PSU & RSU Plan and under any other security-based compensation arrangement shall not exceed 1% of the issued and outstanding Common Shares of the Corporation.

Dividend Equivalents

Each PSU or RSU granted is credited to the Participant's account. From time to time, a Participant's account is be credited with additional PSUs ("**Dividend PSUs**") or additional RSUs ("**Dividend RSUs**"), as applicable, on each dividend payment date when dividends are paid by the Corporation on the Common Shares. Such Dividend PSUs and Dividend RSUs are computed as the amount of the dividend declared and paid per Common Share multiplied by the number of PSUs and RSUs, as applicable, recorded in the Participant's account on the date of payment of such dividend, divided by the Market Value as at the dividend payment date (defined in the PSU & RSU Plan as the volume-weighted average closing price of a Common Share on the TSX for the five trading days immediately preceding such date). Dividend PSUs and Dividend RSUs are only paid out if the underlying vested RSU or PSU, as applicable, is paid out. PSUs and RSUs are non-assignable, except in the case of death of the employee.

Termination, Retirement and Other Cessation of Employment

In the event the Participant's employment is terminated as a result of the Participant's death or disability, and provided the PSUs and RSUs would have vested as per the vesting schedule in the PSU & RSU Plan, a pro-rata portion of the Participant's unvested PSUs and Dividend PSUs and/or unvested RSUs and Dividend RSUs, as applicable, will vest as of the next financial year end following the Participant's death or disability (as the case may be). On May 27, 2020, the PSU and RSU Plan was amended by the Board, as permitted by the terms of the PSU and RSU Plan to clarify that: (i) in the case of PSUs, the actual period between the commencement of the relevant PSU performance period and the date of death or disability, such PSUs shall be deemed to be vested immediately on the date of the holder's death or disability, calculated using a multiplier of 1.0 and any Common Share issuance would be made as soon as practicable and in any event prior to December 31 of the year within which vesting occurs; and (ii) in the case of RSUs, the actual period between the commencement of the relevant RSU restricted period and the date of the holder's death or disability, such RSUs shall be deemed to be vested immediately on the date of the holder's death or disability and such RSUs shall be settled as soon as practicable after the date of the holder's death or disability and in any event prior to the December 31 of the year in which the vesting occurs.

In the event the Participant ceases to be employed due to retirement, all the Participant's PSUs and related Dividend PSUs will vest as per the vesting schedule for PSUs provided in the PSU & RSU Plan. All the Participant's RSUs and Dividend RSUs will vest one year following the Participant's retirement or throughout the vesting period, whichever is earlier. On August 8, 2018, the PSU & RSU Plan was amended by the Board, as permitted by the terms of the PSU & RSU Plan, to clarify that, in the event the Participant voluntarily terminates his or her employment or is terminated involuntarily or for cause, all unvested PSUs and RSUs and related Dividend PSUs and Dividend RSUs, as applicable, will be cancelled without payment as of the date of such termination.

Reloading of Share Units

Under the PSU & RSU Plan, Common Shares reserved for issuance pursuant to Share Units that are surrendered, terminated or cancelled without having been redeemed will again be available for issuance under the PSU & RSU Plan and Common Shares underlying Share Units that are redeemed will again be available for issuance under the PSU & RSU Plan.

Change of Control

In the event of a change of control (as such term is defined in the PSU & RSU Plan), which includes among other things the acquisition of 50% or more of the Common Shares, sale of all or substantially all of the assets of the Corporation or a significant change in directors of the Corporation occurring and certain additional circumstances as described in the PSU & RSU Plan, all unvested awards shall fully vest and the

Participant will be entitled to receive Common Shares as of effective date of the change of control or the date of termination of the Participant resulting from the change of control. In order for immediate vesting of all awards, in addition to the change of control, at least one of the following two additional circumstances will need to have occurred: (a) upon change of control, the surviving corporation or the potential successor does not continue or assume the Corporation's obligations with respect to each award or does not provide for the conversion or replacement of each award with an equivalent award that satisfies certain criteria as set forth in the PSU & RSU Plan; or (b) in the event the awards were continued, assumed, converted or replaced, during the two-year period following the change of control, the Participant is terminated without cause or the Participant resigns for Good Reason (as such term is defined in the PSU & RSU Plan).

Amendment, Suspension or Termination of PSU & RSU Plan

The PSU and RSU Plan permits the Governance Committee to amend or terminate the PSU & RSU Plan at any time in whole or in part, subject to certain restrictions which require shareholder approval.

Generally, the PSU & RSU Plan requires that no amendment will, without the consent of the Participants affected by the amendment, or unless required by applicable law, adversely affect the rights of such Participants with respect to PSUs or RSUs granted prior to the date of the amendment and that no amendment will be effective unless such amendment is approved by the TSX. In addition, approval by a majority of the votes cast by shareholders present and voting in person or by proxy at a meeting of shareholders of the Corporation shall be obtained for the following:

- (i) an amendment or other requirement for which, under the requirements of the TSX or any applicable law, shareholder approval is required;
- (ii) the cancellation and reissuance of Share Units under the PSU & RSU Plan;
- (iii) extension of the term of Share Units under the PSU & RSU Plan beyond the original expiry date of the Share Units, (for this purpose a cancellation or termination of an Award of a Designated Employee prior to its expiry, for the purpose of reissuing Awards to the same Designated Employee with a different expiry date shall be treated as an amendment to extend the expiry date of the Award) other than an extension otherwise permitted by the Plan;
- (iv) any amendment to remove or exceed the insider participation limit;
- (v) an increase to the maximum number of Common Shares issuable from treasury under the PSU & RSU Plan;
- (vi) amendments to eligible participants that may permit the introduction of non-employee directors on a discretionary basis;
- (vii) an allowance of Share Units granted under the PSU & RSU Plan to be transferable or assignable other than for estate settlement purposes; or
- (viii) any amendment to the amendment provision of the PSU & RSU Plan.

Shareholder Approval

The unallocated PSUs and RSUs under the PSU & RSU Plan must be approved every three years by the Corporation's directors and shareholders. In addition, any amendments requiring shareholder approval under the PSU & RSU Plan must be placed before shareholders as such amendments arise. The unallocated PSUs and RSUs were last approved by shareholders at the annual meeting held July 16, 2020 and will, therefore, need to be approved on or prior to the close of the annual meeting to be held in 2023.

Burn Rates

The burn rate shows how rapidly a company is using its shares reserved for equity compensation plans. The burn rate is calculated by dividing the number of awards granted in a given year by the weighted average issued and outstanding Common Shares in the same year. The following table summarizes the Corporation's annual burn rate in respect of the PSU & RSU Plan for the fiscal years ended March 31, 2021, 2020 and 2019:

Fiscal Year Ended March 31	PSUs and RSUs Granted	Weighted average number of Common Shares during the year	Burn Rate
2021	356,385	80,271,597	0.4%
2020	276,692	80,240,340	0.3%
2019	172,606	80,222,346	0.2%

A total of 553,318 PSUs and RSUs were outstanding at March 31, 2021, which represents 0.7% of the issued and outstanding Common Shares. The implementation of the PSU & RSU Plan was intended to partially replace stock options that were granted to executives on an annual basis, and the Corporation expects the annual burn rate in respect of the PSU & RSU Plan to increase as more PSUs and RSUs are granted and fewer options are granted.

International Employees Performance Share Units and Restricted Share Units Plan

The International Employees PSU & RSU Plan, which was approved by the Board on May 22, 2019, retains substantially all the terms and conditions of the PSU & RSU Plan, with the main two exceptions being that (i) it is available only to employees and consultants residing and working outside of Canada and (ii) PSUs and RSUs under this plan can be redeemed for cash only. This plan was amended by the Board of May 27, 2020 to reflect substantially the same changes as approved by the shareholders to the PSU & RSU Plan at the annual meeting of shareholders held July 16, 2020.

Stock Option Plan

In February 1997, the Corporation established the Stock Option Plan, which has been subsequently amended by the shareholders from time to time. The current Amended and Restated Stock Option Plan (2020) which can be found on SEDAR at www.sedar.ca consolidates all amendments, the last set of amendments being approved by shareholders at the July 16, 2020 annual meeting. The Stock Option Plan was changed from a “fixed” number plan to a “rolling” plan in 2005. Under the Stock Option Plan, the number of Common Shares reserved for issuance pursuant to the exercise of stock options will fluctuate to reflect 10 percent of the issued and outstanding Common Shares at the time of any specific grant. Issuances of Common Shares of the Corporation pursuant to stock options granted under the Stock Option Plan, together with Common Shares reserved for issuance pursuant to any other security-based compensation arrangements (as defined in the rules of the TSX, including the PSU & RSU Plan) shall not exceed 10% of the aggregate number of the Common Shares of the Corporation on a non-diluted basis from time to time. In determining the maximum aggregate number of Common Shares of the Corporation which may be reserved for issuance, the number of Common Shares reserved for issuance under both the Stock Option Plan the PSU & RSU Plan must be added together.

Replenishment of Option Pool

The pool of Common Shares reserved for issuance will automatically, without any further action by the Board or the shareholders, be replenished upon the exercise or cancellation of stock options, provided that the Corporation pays the additional fees required by the TSX to replenish the pool and satisfies any other requirements of the TSX with respect to the listing of the Common Shares replenished in the pool.

Shareholder Approval

Under the rules of the TSX all unallocated options under the Stock Option Plan must be approved every three years by CMG’s directors and shareholders. Unallocated options were last approved by shareholders at the July 16, 2020 annual meeting and further shareholder approval will not be required until the close of business at the annual meeting of shareholders in 2023. Shareholders must also approve certain amendments made to the Stock Option Plan, from time to time as described below.

Amendments

Amendments (other than housekeeping amendments and amendments required to ensure the Stock Option Plan reflects applicable legislation and regulations which the Board is permitted to make pursuant to the terms of the Stock Option Plan), are subject to the prior consent of any applicable regulatory bodies, including the TSX. Shareholder approval is required for amendments concerning: (a) any increase in the number of Common Shares reserved for issuance under the Stock Option Plan, except as a result of any redivision, subdivision, consolidation, recapitalization or similar transaction to any of the foregoing or the exchange, change or transfer of Common Shares pursuant to a reorganization, amalgamation, arrangement, consolidation or merger, statutory or otherwise, take-over bid or similar change to any of the foregoing; (b) a reduction in the exercise price for an option (for this purpose, a cancellation or termination of an option of an Eligible Optionee prior to its expiry for the purpose of reissuing options to the same Eligible Optionee a lower exercise price shall be treated as an amendment to reduce the exercise price of an option) except for the purpose of maintaining option value in connection with a redivision, subdivision, consolidation, recapitalization or similar transaction to any of the foregoing or the exchange, change or transfer of Common Shares pursuant to a reorganization, amalgamation, arrangement, consolidation or merger, statutory or otherwise, take-over bid or similar change to any of the foregoing; (c) an extension to the option period for an option beyond its original expiry (for this purpose, a cancellation or termination of a stock option of an Eligible Optionee prior to its expiry for the purpose of reissuing stock options to the same Eligible Optionee with a different expiry date shall be treated as an amendment to extend the Option period of a Stock Option), other than otherwise permitted by the Stock Option Plan; (d) an amendment to permit options to be transferred other than for normal estate settlement purposes or for normal purposes or permitting the option holder's duly appointed legal representative to act on behalf of the option holder in the event of such holder's disability or incapacity; (e) an amendment to permit awards, other than options, to be made under the Stock Option Plan; (f) an amendment to remove or increase the limit on the grants of options to non-employee directors and other insiders above the amounts contained in Section 4 hereof; and (g) any amendment to the amending and termination provisions of the Stock Option Plan and any other amendment required to be approved by shareholders under applicable law (including, without limitation under the rules, regulations and policies of the TSX).

Limitations for Directors

The aggregate value of equity awards available to any one non-employee director shall be limited to an annual award value of \$150,000, with the value of each equity award calculated at the time of grant, and of this \$150,000 annual equity award value, no more than \$100,000 of the annual equity award value may be in the form of stock options.

This Stock Option Plan, which is governed by the rules of the TSX, is intended to provide incentive for long-term accomplishment and commitment based on increases in the value of the Common Shares. Pursuant to the Stock Option Plan, the Board may grant options to directors, officers or employees of the Corporation or its subsidiaries or consultants who are providing services to the Corporation on an ongoing basis, or who have provided services of considerable value to the Corporation or its subsidiaries. The exercise price of each option is established by the Board at the time of grant and shall not be less than the closing price of the Common Shares on the TSX on the last trading day prior to the date the option is granted. No financial assistance is provided by the Corporation to participants of the Stock Option Plan to facilitate the purchase of the Common Shares upon exercise of the options.

Term and Vesting

The term of an option is determined at the discretion of the Board at the time of the grant; however, options granted under the Stock Option Plan have a maximum term of five years and vest as determined by the Board. Typically, the options vest as to 50 percent following the first year anniversary from date of grant, and then vest as to 25 percent of the total options granted after each of the second and third year anniversary dates. The Common Shares acquired upon exercise of an option must be paid in full on exercise.

The Board has discretion to determine the period of time an option is exercisable following the death, disability or incapacity of an optionee or following the date a director, officer or employee of the Corporation

or its subsidiaries ceased to hold office (other than by reason of death, disability, incapacity or retirement at the age of 60 years or older). The expiry date of any option may be extended at the discretion of the Board for a period of ten business days after the end of a blackout period, if such expiry date falls within a period of time when the option holder is prevented by the Corporation's policy from trading any securities of the Corporation. Options are non-assignable, except in the case of death of the option holder.

Limitations of Insiders

The aggregate number of shares issued to insiders of the Corporation within any 12-month period, or issuable to insiders of the Corporation at any time, under the Stock Option Plan and any other security-based compensation arrangement of the Corporation, may not exceed 10 percent of the total number of issued and outstanding Common Shares at such time and options granted to any one insider and such insider's associates may not exceed five percent of the issued and outstanding Common Shares. No more than two percent of the outstanding Common Shares may be granted to an employee of the Corporation or its subsidiary conducting investor relations activities or to any one consultant of the Corporation in any 12-month period. The number of Common Shares issuable pursuant to the Stock Option Plan to non-employee directors is limited to one percent of the outstanding Common Shares and the value of the options granted to any one non-employee director during a calendar year, as calculated at the date of grant, cannot exceed \$100,000.

Grants, Issued and Outstanding

Options to acquire an aggregate of 796,490 Common Shares were granted in the year ended March 31, 2021 at a weighted average exercise price of \$5.10. No options were exercised in the year ended March 31, 2021. A total of 1,173,065 options were forfeited or expired during the year ended March 31, 2021 as follows:

Number of Options Forfeited or Expired	Exercise Price
(6,820)	\$6.31
(7,870)	\$9.20
(46,825)	\$9.33
(56,300)	\$9.78
(1,047,250)	\$12.31
(8,000)	\$13.98

Burn Rates

The following table summarizes the Corporation's annual burn rates in respect of the Stock Option Plan:

Fiscal Year Ended March 31,	Options Granted	Weighted average number of Common Shares during the year	Burn Rate
2021	796,490	80,271,597	1.0%
2020	756,430	80,240,340	0.9%
2019	524,160	80,222,346	0.7%

A total of 3,523,700 options were outstanding at March 31, 2021, which represents 4.4% of the issued and outstanding Common Shares.

Share Appreciation Rights Plan

The SARs Plan was adopted by the Board and became effective November 12, 2015. It was amended by the Board on May 27, 2020 to reflect substantially similar amendments as made to the Stock Option Plan on the same date and these amendments were confirmed once the Amended and Restated Stock Option

Plan (2020) was approved by shareholders at the annual meeting held July 16, 2020. The purpose of the SARs Plan is to allow directors, officers, employees and consultants of the Corporation and its subsidiaries (i) who are not residents of Canada and who also do not work in Canada and (ii) who are designated by the Board as eligible to participate in the SARs Plan ("**Eligible SARs Participants**") to benefit from improving the value of the Common Shares over time. Once the Board designates the Eligible SARs Participants on the basis of them having met the criteria set out in (i), the Eligible SARs Participants qualify to receive SARs.

The SARs granted under the SARs Plan entitle the holder to receive, once such SARs have vested, a cash payment equal to the positive difference (if any) obtained by subtracting the realization price (being the closing price of the Common Shares on the TSX in Canadian dollars on the last business day preceding the date on which the SARs are exercised) from the reference price (being the price set by the Board at the time of granting of the SARs based on the closing price of the Common Shares on the TSX in Canadian dollars on the last business day preceding the date on which the SAR is granted), which is used as the price from which the appreciation in value of the Common Shares underlying the SARs is to be determined.

The SARs Plan does not provide any specific vesting provisions for SARs granted, but typically SARs vest as to 50 percent following the first-year anniversary from date of grant, and then vest as to 25 percent of the total SARs granted after each of the second- and third-year anniversary dates. The expiry date of SARs is five years from the date of grant. Any vesting provisions for SARs granted under the SARs Plan will be set out in the agreements evidencing such SARs. All other terms of the SARs Plan are substantially similar to the terms set out in the Stock Option Plan to ensure that all Eligible SARs Participants are treated equitably to those directors, officers, employees and consultants of the Corporation and its subsidiaries who reside and work in Canada and are eligible to receive stock options under the Stock Option Plan. SARs granted under the SARs plan are non-assignable, except in the case of death of the employee, and subject to termination or retirement of the employee. The exercise price of the SARs will be increased or decreased proportionately in the event of a stock split, stock dividend, combination of shares, or subdivision or consolidation of the outstanding Common Shares.

If the SAR holder ceases to be an employee or consultant of the Corporation as a result of termination by the Corporation or voluntary resignation, all unvested SARs shall be terminated immediately and all vested SARs will be terminated after 30 days. The Corporation retains the right to amend from time to time or to suspend, terminate or discontinue the terms and conditions of the SARs Plan by resolution of the Board as the awards are limited to cash only. Any amendment to the SARs Plan shall take effect only with respect to SARs granted after the effective date of such amendment, provided that it may apply to any outstanding SARs with the mutual consent of the Corporation and the Eligible SARs Participant to whom such SARs have been granted, such consent to be evidenced in writing.

SHARE STRUCTURE

At the time of formation of the Corporation in 1997, the Corporation issued non-voting shares to CMG Reservoir Simulation Foundation ("**Foundation CMG**") in exchange for all the assets and operations of Foundation CMG. No other non-voting shares have been issued by the Corporation since that time.

In 2010 all of the outstanding non-voting shares owned by Foundation CMG were converted to Common Shares. Since 2010, the Corporation has traded only a single class of Common Shares which are publicly available and has no intention of issuing non-voting shares which were issued only once in a limited circumstance at the time of formation of the Corporation.

CORPORATE GOVERNANCE

The Corporation's Board and its management are committed to effective corporate governance practices. Effective corporate governance calls for the establishment of processes and structures that contribute to the sound direction and management of the Corporation's business with a view to enhancing shareholder value.

The Board explicitly assumes responsibility for stewardship of the Corporation. The Board initiates a portion of its stewardship directly and delegates the remainder of its stewardship responsibilities to two Committees: the Audit Committee and the Governance Committee. The Board and the Committees

undertake their stewardship responsibilities at regularly scheduled and special meetings held from time to time throughout the year. The Board views the number of directors and Committees, and their composition, mandate and responsibilities to be appropriate for the nature and needs of the Corporation.

As part of this stewardship function, the Board assesses on a continual basis changes to the economic, political, social and market factors which do or have the potential to affect the operations and business of the Corporation. In March 2020, once the World Health Organization declared the COVID-19 pandemic and governments of countries in which CMG operates started to declare states of emergency, the Board began immediate discussions with Management and held special meetings of the Board on April 15 and May 5, 2020. At these meetings, the directors received reports from management regarding the financial risks in connection with CMG's business and health and safety risks in connection with CMG's employees, a proposed implementation plan to mitigate these risks and other related risks and discussed critical Board decisions regarding director and executive compensation, dividend declarations going forward and other key matters. Directors continued to receive regular updates from management at its Board and Committee meetings. The Board believes this flexible and engaged approach to governance is absolutely necessary to ensure directors are meeting their fiduciary obligations.

Defined Roles and Responsibilities

The Board has clearly defined its role and responsibilities in the Board Terms of Reference and has adopted charters for its Committees and position descriptions for the Board Chair, each of the Committee Chairs, the Chief Executive Officer and the Chief Financial Officer, which delineate each of their scopes of responsibilities. The Governance Committee reviews annually the terms of reference and makes recommendations to the Board regarding amendments. Descriptions of the scopes of responsibilities of each of the Chief Executive Officer, the Board and the Committees follows.

Chief Executive Officer

The scope of the Chief Executive Officer's responsibilities includes developing corporate growth strategies and long-term and near-term objectives for approval by the Board, undertaking the leadership, management and operations of the Corporation and achieving the objectives approved by the Board, maintaining societal responsibilities, and complying with all statutory requirements with a view to increasing shareholder value. The Chief Executive Officer's work is informed by the short and long-term strategies developed by management, in concert with Board members at the annual strategic planning session and the Chief Executive Officer reports on progress related to these strategies at each Board meeting.

Board and Committees

In the fiscal year ended March 31, 2021 the Board was composed of eight elected directors and one appointed director (as at January 20, 2021), seven of whom are independent directors as such term is defined by National Instrument 58-101 *Disclosure of Corporate Governance Practices* ("NI 58-101"). The Chair of the Board is independent. The scope of the Board's stewardship is plenary, subject to the *Business Corporations Act* (Alberta) and is aimed at acting in the best interests of the Corporation. The Board maintains its responsibility for strategic planning, risk assessment, setting corporate and Chief Executive Officer objectives and communications, and considering for approval the recommendations of each of the Audit Committee and Governance Committee relative to their respective stewardship matters. The Board of Directors Mandate is set out in Appendix B.

Audit Committee

In the fiscal year ended March 31, 2021, the Audit Committee was composed of three independent directors, namely: Peter H. Kinash (Chair), Christopher L. Fong, and Mark R. Miller. Robert F.M. Smith served on the Audit Committee until his retirement on July 16, 2020 and was replaced by Mr. Miller. Each Audit Committee member is considered independent as defined under NI 52-110 *Audit Committees* ("NI 52-110") and the financial experience and capabilities of each of the members exceeds the financial literacy requirement set out in NI 52-110. The Chair of the Audit Committee is a Chartered Professional Accountant and the other committee members have significant financial experience gained through their executive roles in the banking and technology sectors, respectively.

The Audit Committee's responsibilities include reviewing, reporting, and where appropriate, providing recommendations to the Board, with respect to the Corporation's external audit, non-audit matters performed by the auditor, internal control over financial reporting, disclosure controls and procedures and cyber security risk assessment and controls. To meet these responsibilities, the Audit Committee reviews the annual audited consolidated financial statements, the interim financial reports, including MD&A prepared in conjunction with the financial reports, the reports of the external auditors thereon, news releases dealing with the financial statements and matters, the Annual Report and the financial disclosure in the Annual Information Form. It also meets with the auditors in the absence of management to discuss the financial statements and various accounting policies and practices used by management. The Audit Committee makes recommendations to the Board with respect to the approval of the audit plan, including the terms of engagement of the auditor, the annual audited consolidated financial statements and the interim financial reports and advises the Board on the firm that should be recommended to shareholders to be appointed or reappointed as auditor of the Corporation. The auditor is engaged by and directly accountable to the Board and the Audit Committee as representatives of the shareholders. **For further information respecting the Audit Committee, please refer to the section titled "Audit Committee Information" in the Corporation's Annual Information Form for the year ended March 31, 2021.**

Governance Committee

The Governance Committee was composed of three independent directors in the fiscal year ended March 31, 2021: Patrick R. Jamieson (Chair), Judith J. Athaide, and Christopher L. Fong. The Governance Committee's core responsibilities include: (i) annually reviewing and recommending to the Board for approval compensation for directors and officers, (ii) recommending to the Board nominees for election or re-election as directors, (iii) assessing the effectiveness of the Board, the Committees, and the individual directors, (iv) recommending to the Board strategies for executive retention and succession planning, (v) providing recommendations to the Board with respect to managing risks associated with the Committee's areas of responsibility, monitoring, and (vi) regularly reviewing the Board's strategies in connection with environmental and social matters, and regularly reviewing the Corporation's approach to current and emerging governance issues.

In addition to these core responsibilities, the Governance Committee has been delegated responsibility for providing oversight in connection with the Corporation's Environmental, Social and Governance (ESG) and diversity strategies and initiatives and recommending to the Board appropriate governance actions and policy development to support these strategies. The committee stays current on emerging issues and trends in these specific areas, as well as in broader areas, including with respect to compensation and connecting compensation with corporate performance.

Advance Notice By-Law

Shareholders may nominate a candidate for election to the Board by providing the secretary of the Corporation with, among other things, the candidate's name, age, address and principal occupation. The Corporation's by-laws require that a shareholder provide the Corporation with advance notice of and details about any proposal to nominate directors for election to the Board when nominations are not made by requesting a shareholder meeting or by making a shareholder proposal through the procedures set out in the *Business Corporations Act* (Alberta). If the nomination is to be presented at an annual meeting of shareholders, the notice must be given no less than 30 days prior to the date of the annual meeting provided, however, that in the event that the annual meeting is to be held on a date that is less than 50 days after the date on which the first public announcement of the date of the annual meeting was made, notice may be given no later than the close of business on the 10th day following such public announcement. If the nomination is to be presented at a special meeting of shareholders (that is not also an annual meeting) in which one of the items of business is the election of directors, then the notice to the Corporation must be given no later than the close of business on the 15th day following the day on which the first public announcement of the date of the special meeting was made. All nominations received by the Corporation within the time periods required and providing the necessary information required to ensure disclosure about the nominee substantially similar to that required of every other nominee, will be considered by the Governance Committee and the Board.

Risk Management Oversight

The Board of Directors has responsibility for risk management oversight and prudently monitors to ensure management is appropriately identifying, evaluating and managing the mitigation of the variety of financial and business risks facing the Corporation. The Board provides this oversight by:

- working with management through the annual strategic planning process to identify significant financial and business risks facing the Corporation and setting these out in a risk register which identifies the specific risks and actions taken by the Corporation to mitigate each risk;
- discussing with management certain amendments or updates to this list on a regular basis as new and emerging risks (like the current COVID-19 pandemic situation which presents new risks to employees and to the Corporation's operations) come to the foreground for the Corporation, including risks related to climate change and environmental and social factors;
- delegating to the Audit Committee responsibility for reviewing at each quarterly Audit Committee meeting a subset of the risk register which pertains to financial risks specifically, to monitor mitigation strategies and to report to the Board if the Audit Committee has any concerns with respect to the increasing urgency of the risk or the lack of ability to mitigate these risks;
- receiving the report of the Audit Committee as to financial risks at each quarterly Board of Directors meeting and considering the business risks which have been identified and any changes in these risks;
- closely monitoring the potential vulnerabilities of the Corporation's operations and financial conditions in view of the identified risks; and
- receiving the report of the Corporate Secretary as to legal and regulatory developments that impact the Corporation's policies, procedures or operations.

The risks the Board closely monitors include:

- risks relating to the Corporation's global operations and sales in 60 different countries, including currency restrictions and exchange rate fluctuations, civil unrest and political instability, changes in laws governing contracts and existing operations, changes to taxation policies and economic and legal sanctions, and non-compliance with applicable anti-corruption and bribery laws;
- risks relating to the protection of the Corporation's intellectual property and its ability to protect its copyrights, trademarks, trade secrets and technical information;
- risks relating to volatility in commodity prices and general economic conditions;
- risks relating to variable sales cycles and reliance on customers' needs and budgets which can impact quarterly financial results;
- risks relating to competitors and the emergence of new technologies or new industry standards and practices which could impact the demand for the Corporation's products and negatively impact the Corporation's business;
- risks relating to loss of computer and telecommunications equipment, servers and software systems, through natural disasters, energy blackouts, operating malfunction, virus or malware, cyber security attacks or other sources;
- risks relating to environmental and social factors, such as employee health and safety; and
- risks relating to climate change and its impact on the Corporation, including potential financial impacts.

The Board receives presentations from Management on specific risks from time to time to better understand the risk and the mitigation strategies in place and is proactive in identifying risks when they arise.

Succession Planning

The Board has delegated responsibility for oversight of succession planning with respect to the Corporation's key executive officers and for succession planning for the Board (including the chairmanship of Boards and Committees) to the Governance Committee.

The Governance Committee discharges its obligations with respect to succession planning for key executive positions by meeting with the President and CEO at each Governance Committee meeting (at a minimum three times during the year) to discuss the succession plan for his position, as well as the other members of the executive leadership team.

The Governance Committee also identifies, in conjunction with its annual recommendations to the Board about Committee composition and chairs for these committees, succession plans for Board committees and the Board itself, including maintaining an ever-green list of potential Board members that includes diverse candidates.

The Governance Committee considers the mix of diversity (as informed by the Board's Diversity Policy, among other factors), experience, skills and capabilities among the current executive team and the Board in considering and implementing its succession plans.

Strategic Planning Oversight

Part of the mandate of the Board is to be responsible to oversee the development and implementation of the Corporation's strategic plan.

The directors play a key role with respect to the development of the strategic plan through their participation in an annual two-day comprehensive strategic planning session. The directors receive a series of presentations at the session from management on key strategic issues and provide valuable insight and observations as to different opportunities for growth, the need to adjust the strategy given the current and expected future economic climate, government policy, opportunities, and risk concerns that could arise and impact the strategy.

At the end of the strategic planning session, management prepares a strategic plan that reflects the discussion between management and the directors on various key strategic initiatives. The Board reviews and approves the strategic plan at the next Board meeting following the strategic planning session and then receives updates at every quarterly Board meeting as to the leadership team's progress in implementing the strategies. Additionally, the Board reviews and approves the annual budget on the basis of this strategic plan.

The strategic plan is a living document and as health and economic factors change throughout the year, the Board meets with Management to readjust the plan. A case in point would be in response to the current COVID-19 pandemic, which has prompted regular updates from Management and fulsome discussions between Board members and Management with respect to the Corporation's response to the situation.

Shareholder Engagement

In addition to the shareholder engagement processes the Board has in place with respect to executive compensation, the Board recognizes the importance of strong and consistent engagement with shareholders on other matters as well. The Board has in place processes to receive and address concerns or matters raised by shareholders, analysts and investment firms, institutional shareholders organizations and organizations like the Canadian Coalition of Good Governance ("CCGG").

In fiscal 2017, the Board Chairman and the Chair of the Governance Committee met with representatives of the CCGG and had an opportunity to discuss governance and Board matters that were of mutual interest.

Management also engages with organizations like Institutional Shareholder Services, Inc. and Glass, Lewis & Co. to better understand how to align the Corporation's practices with their policies, as well as to discuss how the implementation of these policies impacts the Corporation.

Senior management conducts calls with analysts and institutional investors following the release of its quarterly financial results and at various times during the year. Face-to-face meetings with institutional investors have been conducted in Toronto, Montreal, New York and the mid-Atlantic by the President and CEO and the Chief Financial Officer. As the COVID-19 pandemic situation evolved toward the end of fiscal 2020, Management was frequently in contact with the Corporation's significant shareholders and reporting to the Board on institutional investors' concerns and recommendations.

The Board encourages shareholder participation at the Meeting, as it provides a valuable opportunity to discuss the Corporation, its financial and operational results and other important matters. At each annual meeting, the Board Chair and our President and CEO are available to respond to shareholder questions. Shareholders, employees and other interested parties wishing to communicate with the Board directly can contact the Board Chair by email at: directors@cmgl.ca or in writing at the Corporation's head office noted on the Notice of the Meeting. The Board also invites stakeholders and shareholders to engage with representatives of the Corporation at CMG-investors@cmgl.ca or by telephone at +1.403.531.1300.

Corporate Governance Guidelines

The Board is of the view that its approach to corporate governance is appropriate and complies with the objectives and guidelines relating to corporate governance set forth in National Policy 58-201 - *Corporate Governance Guidelines* ("NP 58-201"). Appendix A provides a summary of the ways in which the Corporation meets the corporate governance guidelines set out in NP 58-201 (the "Corporate Governance Guidelines"), as well as the guidance provided by institutional shareholder services organizations and CCGG.

GENERAL INFORMATION

Indebtedness of Directors and Officers

No senior officers, directors or proposed directors of the Corporation, nor any of their respective associates or affiliates, are or were indebted to the Corporation or its subsidiaries since the beginning of the Corporation's most recently completed fiscal year.

Interest of Informed Persons in Material Transactions

There were no material interests, direct or indirect, of any directors (including proposed directors) or executive officers of the Corporation or of any shareholder who beneficially owns, directly or indirectly, or exercises control or direction over, or a combination of both, more than 10 percent of the Common Shares, or with any known associate or affiliate of such persons in any transaction since the commencement of the Corporation's last completed financial year or in any proposed transaction which in either case has materially affected or would materially affect the Corporation, except as disclosed elsewhere in the Information Circular.

Interest of Certain Persons or Companies in Matters to be Acted Upon

No person who has been a director or officer of the Corporation at any time since the beginning of the last financial year or any proposed nominee for election as director, nor any associate or affiliate of such person, has a material interest in the matters to be acted on at the Meeting other than as disclosed in this Information Circular in the discussion of each such matter.

Management Contracts

Management functions of the Corporation or any of its subsidiaries are performed by senior officers of the Corporation, one of whom, being Mr. Schneider, is also a director of the Corporation. There are no

agreements or arrangements under which management functions are performed by a party other than by senior officers of the Corporation.

Directors' and Officers' Indemnification Insurance

The Corporation maintains directors' and officers' ("D&O") liability insurance which covers liability, including defence costs, of directors and officers of the Corporation incurred as a result of acting as a director or officer, provided they acted honestly and in good faith with a view to the best interests of the Corporation. In spite of the challenging D&O liability insurance environment brought on by the COVID-19 pandemic, the Corporation obtained an annual comprehensive D&O liability insurance policy in October 2020, which, at an annual premium of \$162,125, provides for \$30 million in coverage, with corporate and securities deductibles of \$100,000.

Commitment to Environmental and Social Responsibility

The Corporation is committed to identifying and managing material environmental and social risks as it is aware these factors have an impact on investor returns. To this end, the Corporation has developed a framework and processes for tracking these risks and developing responsive strategies to mitigate these risks.

The Board plays an oversight role by: (i) diligently considering the nature of the environmental and social risks of the Corporation currently and looking into the future and ensuring these are reflected and integrated into the Corporation's risk profile and risk analysis framework; (ii) having the Governance Committee consider the strategies the Corporation has in place to assess, monitor and address environmental and social risks and review disclosures to shareholders in public documents relating to these measures; and (iii) assessing the culture of the Corporation to ensure the Corporation, the executive team and employees operate with the highest ethical standards, comply with the Code of Conduct (including anti-bribery and corruption requirements), foster a constructive approach to health and safety and community relations, and properly train its consultants and agents in countries in which the Corporation does business to understand and act in accordance with the same high ethical standards expected of all its employees.

The Board and the Corporation's management believe that the practices and measures adopted by the Corporation to manage and mitigate material environmental and social risks will evolve to become more sophisticated over time as the Corporation is able to integrate more fully the insights and recommendations of organizations such as the TSX Group and Chartered Professional Accountants of Canada who (working jointly produce the ESG Primer) the Canadian Coalition for Good Governance and the Shareholder Association for Research and Education, as well as Canadian regulatory requirements and global standards as they are introduced.

Oversight of Environmental Issues

As a software development company whose research and development facilities are based in Canada, the Corporation has limited direct environmental risks it must manage and mitigate, but the Board and management is aware that the Corporation's performance may be impacted by indirect factors relating to climate change and environmental regulation.

The recent shift toward public and government support of climate change initiatives, such as emission reduction targets, clean energy standards, and alternative energy incentives and mandates, could impact the demand for hydrocarbons. The Corporation's customers are oil and gas companies, therefore, increasing environmental regulations could reduce oil and gas producers' cash flow by way of reduced demand, increased capital expenditures and increased operating expenses. The complexity and breadth of changes in environmental regulation make it difficult to predict the potential impact, however, the Corporation is continuously assessing the potential influence of environmental factors on our long-term performance, looking at both the potential risks as well as strategic opportunities.

Assisting the Energy Sector Minimize Environmental Impact

One of the strategic opportunities the Corporation has advanced is using its innovative technology to assist energy and resource companies minimize their impacts on the environment.

Through collaboration with industry and academia, the Corporation has established technology which has been effectively leveraged and utilized in the development of projects around the world for the safe sequestering and long-term storage of greenhouse gases (“GHGs”) including carbon dioxide (“CO₂”). The projects have been of increasing interest to both governments and the oil and gas industry for the beneficial application in the reduction of GHGs and efforts to limit climate change impacts.

The Corporation’s GEM simulator is industry-recognized as the only commercial simulator capable of modelling all of the applicable physics associated with GHG sequestering processes. In such operations, GHGs are injected deep underground into saline aquifers where they can be safely and permanently retained. Other applications have also included the use of such technology in enhanced hydrocarbon recovery processes to aid in the further extraction of previously unrecoverable resources while simultaneously storing the GHGs in the associated reservoirs. Through use of the Corporation’s technologies, customers can subsequently quantify and reduce their risks associated with such projects.

The Corporation’s reservoir simulator products are computer programs that represent the engineering principles of petroleum and other fluids flowing through the pores (channels) in oil and gas reservoirs. By using the Corporation’s reservoir simulation technology, petroleum producers are able to analyze and visualize the consequences of drilling and production scenarios, and consequently reduce operational risk, including safety, associated with various hydrocarbon recovery techniques.

Working with Industry on New Recovery Processes

The Corporation is working with petroleum producers on new recovery processes which are aimed at reducing GHGs and lowering environmental impact associated with hydrocarbon recovery such as reducing the amount of water and steam that is injected into wells.

Instituting Green Initiatives

The Corporation plays its part in environmental stewardship recognizing the long-term benefits of “green” initiatives. In 2017, the Corporation moved to new headquarters in Calgary and collaborated with the builder to achieve a building design focused on sustainability, including water efficiency, energy efficiency, recycling programs and indoor environmental quality. The building has achieved all requirements for Silver LEED (Leadership in Energy and Environmental Design) certification, an initiative of the Canada Green Building Council. Given that the Corporation is in the technology sector and uses a lot of computing power, the new building includes an upgraded energy-efficient datacenter. Electronics recycling of old, non-reparable electronic equipment is one of the Corporation’s initiatives is aimed at minimizing waste disposal.

Addressing Climate-Related Risks and Financial Disclosures

The Corporation and the Board of Directors have throughout fiscal 2020 striven to identify more specifically and understand more fully the climate-related risks for the Corporation as a software company serving the energy sector. In determining its approach, the Corporation has considered the guidance of: (a) the recent Canadian Securities Administrators staff notice – *Reporting of Climate Change-related Risks*, and (b) the Shareholder Association for Research and Education (SHARE), which has engaged with Canadian companies and offered a framework as to how to assess and manage climate-related risks and opportunities. Canadian banks have begun to respond to SHARE’s engagement demands and take steps to address climate risks and all six of the major Canadian banks have committed to enhance disclosure over time, guided by the Financial Stability Board’s Task Force of Climate-Related Financial Disclosures.

In an effort to avoid duplication with respect to its climate-related risk disclosure, shareholders are directed to the Corporation’s risk disclosure as set out in the Corporation’s Annual Information Circular, which is incorporated by reference herein and which is filed on SEDAR at www.sedar.com. See “Additional Information” for further discussion.

Social and Governance Oversight

The Governance Committee of the Board specifically reviews on a regular basis, the Corporation's environmental and social risks and framework (including its management and mitigation strategies) and its disclosure of such to the Corporation's shareholders. The Board also considers social factors at each quarterly Board meeting as part of its review of all business risks.

With all of the Corporation's research and development activities being based in Canada and with sales being handled through small, dedicated sales offices led by executive officers with close relationships to the head office, the Corporation has limited direct social risks from its operations. It also has agents and consultants it contracts around the world to assist with software license sales and the provision of technical training and support, respectively.

The Corporation is committed to being a responsible corporate citizen and contributes to the well-being of its employees, the communities in which it has offices and society generally.

With respect to these agents and consultants in developing countries, the Corporation provides regular training for these agents and consultants to make them aware of the health and safety and social and community standards it expects them to adhere to and monitors their compliance with the Code of Conduct (with which they are obligated to comply). The Board, through the Governance Committee, receives reports on an annual basis from management with respect to management's due diligence efforts and oversight of its agents and consultants (particularly in developing countries) to mitigate any risks associated with the activities of the agents and consultants in the performance of their duties for and on behalf of the Corporation.

Human Rights and Anti-Discrimination

The Governance Committee oversees the Corporation's human rights, including its anti-discrimination and anti-harassment policies and procedures established to ensure compliance with provincial and federal standards and international agreements. The Corporation operates in accordance with the United Nations Global Compact (UNGC), the International Labour Organization's (ILO) core conventions, the OECD guidelines for Multinational Enterprises, the UN Guiding Principles for Business and Human Rights and the International Bill of Human Rights.

Our commitment to respecting human rights is set out in the Corporation's Business Code of Conduct and its Human Rights and Anti-Harassment Policy. The Governance Committee and the Board of Directors discuss human rights on a regular basis, with the Governance Committee taking the lead role for providing oversight.

Part of this oversight involves receiving reports from the Corporation's management on compliance levels with respect to the Human Rights and Anti-Harassment Policy (the "**Human Rights Policy**"), established to maintain a work environment free from harassment and discrimination based on the protected grounds of age, gender, place or origin, ancestry, marital status, race, family status, mental disability, religious belief, gender expression, physical disability, sexual orientation and source of income.

The Human Rights Policy applies to all employees, whether full-time, part-time, casual, permanent or temporary, and to consultants of the Corporation, whether situated in the Corporation's main office in Calgary, Alberta or its offices in London, Dubai, Bogota and Kuala Lumpur. This means that employees based in other countries are expected to comply with Canadian human rights standards, as well as their own local legislation and regulation in connection with human rights.

Consultants of the Corporation who provide marketing and business development services or training services and operate in international jurisdictions outside Canada are also provided with a copy of the Human Rights Policy.

The Human Rights Policy ensures all employees are treated with dignity and respect during the course of their work duties and that instances of harassment, discrimination and violence are not tolerated and swift action is taken to deal with any violations by:

- clearly delineating management's responsibility to foster a non-discriminatory, harassment-free work environment, dealing with harassment and/or discrimination situations immediately upon becoming aware of them and taking appropriate action during a harassment or discrimination investigation, including separating the parties to the harassment and or discrimination complaint, when appropriate;
- specifically setting out each employee's and consultant's obligation to treat others with respect in the workplace, report harassment and/or discrimination to management or the Human Resources Department and cooperating with any harassment and/or discrimination investigation and respecting the confidentiality related to the investigation process;
- establishing specific procedures for the reporting of an incident or complaint and communicating with those involved in any incident;
- offering a mediation option, which may be used prior to the formal complaint process being launched if individuals have difficulty resolving incidents between themselves;
- specifically identifying the investigation process and required steps to be taken in any investigation and the basis for a decision, on a balance of probabilities, that harassment and/or discrimination did occur; and
- the consequences or outcomes in the event the complaint is not substantiated or is substantiated, including in the latter case, corrective actions up to and including termination of employment.

If a complainant is not satisfied with the outcome of the complaint process and works in Alberta, they may file a complaint with the Alberta Human Rights Commission. For employees based in other jurisdictions, they may have recourse to the applicable human rights oversight body.

Due to the Corporation's international operations, the Governance Committee and Board regularly receive reports from external counsel on current best practices and the national and international standards that are evolving. In fiscal 2021, this included a review and consideration by the Governance Committee of the following reports and initiatives (among others) to inform its oversight of the Corporation's social strategies:

- reports on the goals and objectives of the Black North initiative in Canada, recent bills passed in the U.S. to address diversity and inclusion and recommendations as published in the Harvard Business Review and Corporate Board Member on the steps boards can take to be more inclusive of underrepresented communities in relation to its recruitment procedures, accountability throughout the organization and mentoring and sponsorship;
- articles published by ISS on aligning zero-tolerance anti-discrimination policies with accountability for leadership, protection of whistleblowers and the characterization of discrimination issues as health and safety issues;
- the Conference Board of Canada's survey results on the impact of the COVID-19 pandemic on Canadian employees and workers;
- Ernst & Young America's key findings from a survey of public company directors regarding their focus on human capital and talent and how boards provide oversight on these matters as key drivers of a company's value;
- summary of the fourth Equator Principles framework used by financial institutions to identify, assess and manage the environmental and social risks of projects, including human rights in a manner consistent with the UN Guiding Principles on Business and Human Rights (which are incorporated into the framework); and
- an analysis of the enhanced disclosure required of corporations governed by the *Canada Business Corporations Act*.

Labour, Health, Well-being and Safety

The Corporation is committed to health and safety in the workplace and regularly encourages and collects feedback from employees about their work environment. All of the Corporation's employees work in an office environment and work-related injuries are rare. There were no reported injuries in fiscal 2020. The Corporation's management proactively monitors the Corporation's work environment in order to identify and prevent any safety concerns. The internal Operations Committee as part of its monthly meetings ensures that health and safety concerns are addressed. The Board receives a certificate of compliance from management stating that the workplaces of the Corporation and its subsidiaries are operated in a safe manner with a view to protecting the health and safety of employees and others.

The Corporation provides a comprehensive health benefit package to all its employees and offers an Employee Assistance Program through Shepell Employee and Family Assistance Program Services, which provides resources to help employees improve their physical, mental and financial wellbeing. Almost all employees participate in the Corporation's long-term incentive plan. The Corporation strongly encourages share ownership among all employees as it believes that the Corporation and all of its stakeholders benefit when employees have a vested interest in the Corporation.

When the COVID-19 pandemic reached the jurisdictions in which the Corporation operates in early 2020, the Corporation's and the Board's first concern was the health and well-being of the Corporation's employees. The Corporation responded quickly to the advice of the Chief Medical Officers in the jurisdictions where its offices are located and implemented its emergency response plan to protect its employees. Management immediately requested employees to work from home, conducted two special meetings of the Board to keep directors apprised of the situation and to seek their oversight and input, shifted in-person training to virtual training, and immediately assessed the potential impact of the situation on the Corporation's ability to generate software license sales, cloud sales and revenue generation and responded with strategies to preserve liquidity, manage costs and protect shareholder value. The Corporation continued to operate almost entirely remotely during fiscal 2021, and our research and development activities and technical support for our customers have continued uninterrupted.

Diversity

The Corporation promotes diversity, equality and inclusion in its workforce and prides itself on having a high level of representation of employees of various ethnicities, race, religious beliefs, nationality, languages, and ages. The Corporation supports communities in which it operates, and as such, both in Canada and internationally it tries to hire locally first, if possible. The Corporation's Human Rights Policy, which was described above, helps promote a culture of non-discrimination and acceptance of diversity and its Employee Assistance Program provides additional support to vulnerable individuals and groups.

Training and Education

The Corporation invests in training and education of its employees through education reimbursement programs. It is, and historically has been, involved in internship programs where each year between five and ten interns are hired from universities to work at the Corporation's headquarters. Internship opportunities have been provided to students in the Corporation's international offices as well. In addition, the Corporation regularly sponsors PhD students at the University of Calgary.

The Corporation has a history of promoting employees from within and has a strong focus on internal mentoring and coaching.

Governance

Further detail about the Corporation and specifically the Board's governance oversight is available in the summary provided in Schedule A – *Corporate Governance Disclosure and Compliance with Corporate Governance Guidelines* to this Information Circular.

Commitment to Stakeholders and Society

Donations and Sponsorships

The Corporation recognizes the importance of social responsibility and on an annual basis it makes significant financial contributions to various not-for-profit organizations involved in medical, scientific, and social programs. The Corporation has historically and continues to collaborate with and maintain very close ties to the University of Calgary and also supports the work of and collaborates with numerous universities around the world.

During the fiscal year ended March 31, 2021, some of the organizations the Corporation supported included Alberta Cancer Foundation, Calgary Meals on Wheels, Calgary Women's Emergency Shelter, Calgary Interfaith Food Bank, as well as the Houston Food Bank and the America Red Cross for Houston winter storm relief. The Corporation, through its employees, also engages with the needs of the communities it is based in internationally.

Sharing Resources with the Community during COVID-19

When the COVID-19 pandemic hit and the Corporation realized it did not need to use all the computing power it made its idle computing power available to Folding@home, which is an organization that normally runs protein-folding data in connection with Alzheimer's and cancer research and is now running COVID-19-related data.

Policy Framework Preserving Culture of Ethics of Corporate Assets

The Board has established a strong policy framework to protect the Corporation's assets and reputation and to ensure a culture of the highest ethics. The purpose of these policies is described briefly below. A full copy of the Code of Business Conduct, the Whistleblower Policy, the Majority Voting Policy and the Privacy Policy are posted on the website at <https://www.cmgl.ca/policies-governance>.

Anti-Corruption

The Corporation's Anti-Corruption Policy addresses the prevention of all forms of corruption, including but not limited to bribery, facilitation payments, gifts, political contributions and kickbacks. Anti-corruption training is provided to employees, consultants and agents whose roles, responsibilities or geographic focus exposes them directly or indirectly to corruption or bribery risk. Periodic acknowledgements and agreements are required on the policy.

Whistleblower Protection and Disclosure

The Corporation recognizes the value of transparency and accountability in its administrative and management practices, and its Whistleblower Policy and Disclosure Policy address the integrity of its accounting, auditing and financial control processes. Under the policy, employees, consultants, agents, directors, officers and outside parties can confidentially report concerns about financial or accounting irregularities or unethical conduct to the Chairman of the Audit Committee.

Code of Conduct

The Corporation believes that all of its directors, officers, employees, consultants and agents must adhere to the highest ethical standards in all business activities and the Corporation's Code of Business Conduct policy provides guidance on ethical behavior.

Cyber Security

The Corporation's Information and Cyber Security Policy informs employees, contractors and other authorized users of their obligation to protect the technology and information assets of the Corporation. It outlines the roles and responsibilities including reporting structure. It describes the technology and information assets that must be protected, identifies threats to those assets and documents the

Corporation's strategies to mitigate such threats. It addresses physical safeguards in place. The Information and Cyber Security Policy contains security incident handling procedures including required reporting. The Corporation provides mandatory annual cyber security training to all its employees and to the directors.

Privacy

The Corporation is committed to protecting privacy. The Corporation's Privacy Policy is publicly available on the Corporation's website at www.cmgl.ca under "Policies and Governance."

Engaging with Stakeholders

Understanding, balancing and responding to the varied and sometimes conflicting priorities of stakeholders is an important part of the Corporation's responsibility. Engaging with our stakeholders in a constant dialogue helps us learn what they consider important, what is expected from us, to find suitable solutions, gain acceptance and make the best decisions possible.

We have discussed how the Corporation engages with shareholders, including its significant shareholders, on page 68 of this Information Circular, but the Corporation has many different stakeholders. They include the Corporation's customers, local communities, business partners, suppliers, government and quasi-government authorities, post-secondary institutions, investors, employees and society at large.

The Corporation's management and its staff engage with customers on a daily basis, by providing advice and training in connection with the use of the Corporation's products, as well as hosting regular sessions to talk about what products are new and on the horizon that might be of interest. Every two years the Corporation hosts a technical symposium in Calgary for its customers and prospective customers. At this technical symposium, the Corporation's research and development staff and invited guests at the forefront of technological advancements in the computer reservoir modelling sector share technical papers and leading-edge information.

In addition, the Corporation often works collaboratively on projects with customers aimed at solving specific challenges or developing new features for the benefit of that specific customer or all customers.

The Corporation also works collaboratively with post-secondary institutions all over the world to support the training of undergraduate and post-graduate students studying engineering, geophysics and other related areas of study by providing its software for use by faculty and students and training.

There are many other ways that the Corporation and the Board engage with other stakeholders, including through round table discussions, bilateral dialogues and one-on-one conversations, to learn more about stakeholders' priorities related to the Corporation's operations and their expectations of the Corporation and the Board.

Tax Approach

The Corporation conducts operations worldwide through subsidiaries in various tax jurisdictions pursuant to transfer pricing arrangements with its subsidiaries. The Corporation's tax strategy is discussed with its corporate auditors. The Corporation engages local professional tax firms to review its transfer pricing agreements and dealings with foreign tax authorities. The Corporation has implemented strict control procedures surrounding review of all financial information and tax payments. All such information is reviewed by management at the Corporation's head office.

Political Activities

As per the Corporation's Anti-Corruption Policy, the Corporation does not participate in party politics and does not make contributions to political parties or politicians. Further, the policy prevents directors, officers, employees, consultants and agents from participating in politics on behalf of the Corporation and according to the Code of Business Conduct employees, directors, officers, consultants and agents must separate their personal involvement in political activities from their association with the Corporation.

Additional Information

Financial information is provided in the Corporation's audited consolidated comparative annual financial statements and MD&A for the year ended March 31, 2021, Annual Information Form for the year ended March 31, 2021 and the interim financial statements and MD&A issued subsequent to the annual audited consolidated financial statements for the year ended March 31, 2021. These documents, along with additional information relating to the Corporation, are available on SEDAR at www.sedar.com. Copies of the above documents may be obtained free of charge from the Corporation upon request made to:

Investor Relations
Computer Modelling Group Ltd.
3710 33 Street N.W.
Calgary, Alberta T2L 2M1
Phone: (403) 531-1300
Fax: (403) 282-1823
E-mail: CMG-investors@cmgl.ca

Directors' Approval

The Board of Directors of the Corporation has approved the contents of this circular and the sending thereof.

DATED at Calgary, Alberta, this 19th day of May, 2021.

By Order of the Board of Directors of
Computer Modelling Group Ltd.

(signed) "Ryan N. Schneider"

Ryan N. Schneider
President and Chief Executive Officer

APPENDIX A
CORPORATE GOVERNANCE DISCLOSURE AND COMPLIANCE WITH
CORPORATE GOVERNANCE GUIDELINES

The following disclosure is required by NI 58-101, as amended and in force on December 31, 2016. Each of the requirements of NI 58-101 is set out below and the Corporation's response follows immediately thereafter.

1. Board of Directors

(a) Disclose the identity of directors who are independent.

The Board has determined that seven of the nine current directors are independent within the meaning of NI 58-101 and in accordance with the definition of independence adopted by Institutional Shareholder Services, Inc. The seven independent nominee directors are Judith J. Athaide, John E. Billowits, Christopher L. Fong, Patrick R. Jamieson, Peter H. Kinash, Mark R. Miller and John B. Zaozirny. Each of the independent directors has no direct or indirect material relationship with the Corporation, including any business or other relationship, which could reasonably be expected to interfere with the director's ability to act with a view to the best interest of the Corporation or which could reasonably be expected to interfere with the exercise of the director's independent judgement. None of the directors has interlocking directorships with any of the Corporation's executives. Two of the independent directors do serve in leadership roles in the same public technology company, one as an executive officer and the other as a director. The Board has determined that this does not impact the independence of these directors on the CMG Board and that there is no current conflict of interest created because of the overlapping board responsibilities. The individual directors (like all directors) will assess, declare and manage any conflicts of interest as they arise in accordance with applicable law and the bylaws and policies of the Corporation.

(b) Disclose the identity of directors who are not independent, and describe the basis for that determination.

Two out of nine current directors are not considered independent within the meaning of NI 58-101. Mr. Schneider is not independent under NI 58-101, as he is considered to have a material relationship with the Corporation in his position of President and CEO. Mr. Dedeluk is not independent under NI 58-101, because he was the Corporation's President and CEO within the last three years (until July 12, 2018) and has a material relationship with the Corporation as Mr. Close, who was appointed Vice President, CoFlow Commercialization of the Corporation in February 2020, is an immediate family member (as defined in NI 58-101).

(c) Disclose whether or not a majority of the directors are independent. If a majority is not independent, describe what the Board does to facilitate its exercise of independent judgment in carrying out its responsibilities.

The Board has determined that a majority of the directors are independent (seven of the nine current and nominee directors) as consistent with the guidance established in NP 58-201. In addition, all of the members of the Audit Committee and Governance Committee are independent within the meaning adopted by Canadian securities regulators and ISS.

(d) If a director is presently a director of any other issuer that is a reporting issuer (or the equivalent) in a jurisdiction or a foreign jurisdiction, identify both the director and the other issuer.

The following directors currently serve on the Board of Directors of the following reporting issuers:

Director	Directorships
Judith Athaide	HSBC Bank Canada TriSummit Utilities Inc. (formerly Altagas Canada Inc.)
John E. Billowits	Constellation Software Inc. Topicus.com
Christopher L. Fong	Canadian Natural Resources Limited
Mark R. Miller	Constellation Software Inc.

- (e) **Disclose whether or not the independent directors hold regularly scheduled meetings at which non-independent directors and members of management are not in attendance. If the independent directors hold such meetings, disclose the number of such meetings held since the beginning of the issuer's most recently completed financial year. If the independent directors do not hold such meetings, describe what the Board does to facilitate open and candid discussion among its independent directors.**

In accordance with the Corporate Governance Guidelines, the independent directors meet without the non-independent members of the Board and without members of management present at each regular meeting of the Board as well as at each in camera session. In the year ended March 31, 2021, the independent directors met four times in conjunction with regularly scheduled Board meetings and the non-management directors (being the independent directors plus Mr. Dedeluk) met an additional two times in conjunction with special meetings of the Board.

The Audit Committee and Governance Committee (which also serves as the nominating committee and the compensation committee) of the Board are composed entirely of independent directors as defined by NI 58-101 and the higher standard of independence adopted by ISS in its guidelines.

- (f) **Disclose whether or not the chair of the Board is an independent director. If the Board has a chair or lead director who is an independent director, disclose the identity of the independent chair or lead director and describe his role and responsibilities. If the Board has neither a chair that is independent nor a lead director that is independent, describe what the Board does to provide leadership for its independent directors.**

John B. Zaozirny, the Chairman of the Board, is an independent director within the meaning of NI 58-101. The Corporation has adopted a written position description for the Chairman in accordance with the guidelines set out in NP 58-201. The role and responsibilities of the Chairman include the following:

- ensure the directors are alerted to their obligations to the Corporation and shareholders;
- ensure the Board meetings are called and held pursuant to the Terms of Reference of the Board and as otherwise appropriate;
- preside over and conduct Board meetings and annual shareholders meetings;
- in consultation with management and committees of the Board, set agendas for Board meetings and coordinate with management to ensure meeting materials are sent to directors with sufficient time for study prior to the meetings;
- in consultation with the Governance Chair, ensure the committee undertakes its functions and brings forth recommendations in a timely manner;
- in consultation with the Audit Chair, ensure the committee undertakes its functions and brings forth recommendations in a timely manner;
- liaise and communicate with all directors to coordinate input from directors, and optimize the effectiveness of the Board and its committees;

- ensure the Board receives adequate and regular updates from the CEO on all issues important to the welfare and future of the Corporation;
- in conjunction with the Governance Committee, conduct the annual assessment of director performance and compensation, the size and composition of the Board and the Board's effectiveness;
- in collaboration with the CEO and CFO, ensure information requested by directors or committees is provided and meets their needs;
- review director conflict of interest issues and respond to questions from the directors and officers regarding the Code of Business Conduct as they arise;
- ensure meetings of the independent directors are scheduled regularly, chair such meetings and report the results of such meetings to the CEO;
- lead the Board in monitoring and evaluating the performance of the CEO, and reviewing the management succession plans developed by the CEO;
- assist the CEO in representing the Corporation in a general industry and community context; and
- communicate with the CEO regarding concerns of the Board, shareholders, other stakeholders and the public.

(g) Disclose the attendance record of each director for all Board meetings held since the beginning of the issuer's most recently completed financial year.

Between April 1, 2020 and March 31, 2021, the Board held four regularly scheduled Board meetings and a strategic planning session. In addition to these meetings, the Board held three special Board meetings, including: (i) meetings on April 15, 2020 and May 5, 2020 to discuss and plan the Corporation's response to the COVID-19 pandemic and the economic and financial challenges which have occurred and/or are projected to occur in view of such pandemic and (ii) a meeting on January 5, 2021 to discuss the appointment of Mr. Billowits to the Board. Each meeting had full attendance by the directors. Mr. Smith attended all the meetings he was eligible to attend before his retirement on July 16, 2020 and Mr. Billowits attended all the meetings he was eligible to attend following his appointment on January 20, 2021.

2. Mandate of the Board of Directors

Disclose the text of the Board's written mandate. If the Board does not have a written mandate, describe how the Board delineates its roles and responsibilities.

The Board has responsibility for the stewardship of the Corporation through reviewing and making decisions with respect to the direction and plans of the Corporation, considering recommendations of its Committees and undertaking strategic initiatives itself. The Board of Directors terms of reference is attached as Appendix B to this Information Circular.

3. Position Descriptions

(a) Disclose whether or not the Board has developed written position descriptions for the chair and the chair of each Board committee. If the Board has not developed written position descriptions for the chair and/or the chair of each Board committee, briefly describe how the Board delineates the role and responsibilities of each such position.

The Board has approved (i) a written position description for the Chairman as set forth above in Section 1(f) of this set of guidelines; and (ii) separate written position descriptions for the chairs of the Audit Committee and the Governance Committee. As well as position descriptions for the chairs of the Board committees, the Board has adopted written mandates for each of the Audit Committee and the Governance Committee, which are available on the Corporation's website at www.cmgl.ca under the "Policies & Governance" section.

- (b) Disclose whether or not the Board and the CEO have developed a written position description for the CEO. If the Board and CEO have not developed such a position description, briefly describe how the Board delineates the role and responsibilities of the CEO.**

The Board has developed and approved a written position description for the President and CEO. The role and responsibilities of the President and CEO include, but are not limited to, the following:

- annually determine the strategic directions of the Corporation: i.e. businesses in which the Corporation should engage and businesses or areas into which the Corporation should most likely contemplate expanding, and for clarity identify as needed those businesses or areas which should be avoided;
- from time to time, determine with the Board the near-term objectives toward achieving those strategies, the annual plans and budgets consistent with same, and the Board's then current expectations of the CEO;
- undertake the day-to-day management and operation of the Corporation and provide leadership to achieve the annual plans and budgets and longer-term strategies;
- report to the Board at least quarterly, and to the Committees of the Board as needed, regarding performance compared to annual plans and budgets, objectives and strategies, markets, corporate governance, and other appropriate matters;
- review annually the Corporation's human resources practices;
- consider the balance among the interests of shareholders, regulatory agencies, employees, customers, and the community at large;
- undertake, as appropriate, communication with shareholders regarding the Corporation's activities and objectives;
- monitor, develop, train, recruit and terminate staff of the Corporation;
- certify the annual and interim filings of the Corporation as set out in National Instrument 52-109 *Certification of Disclosure in Issuers' Annual and Interim Filings* ("NI 52-109"); and
- to the best of his or her knowledge comply with all regulatory and statutory requirements.

Additionally, the Board and the Vice President, Finance and Chief Financial Officer have developed a written position description which is reviewed annually and updated as required to ensure it reflects the current role and responsibilities of the position.

4. Orientation and Continuing Education

- (a) Briefly describe what measures the Board takes to orient new directors regarding (i) the role of the Board, its committees and its directors, and (ii) the nature and operation of the issuer's business.**

The Governance Committee is mandated to oversee an orientation and education program for new directors and to provide ongoing educational opportunities for all directors. The objectives of such programs are to ensure that new directors fully understand (i) the role of the Board and its committees, (ii) the contribution individual directors are expected to make (including, in particular, the commitment of time and resources that the Corporation expects from its directors) and (iii) the nature and operation of the Corporation's affairs. An orientation package is provided to all new directors and the new directors meet one-on-one with the Chairman of the Board, the President and CEO and other managers who provide a baseline of knowledge about the Corporation and its business which serves as a basis for informed decision-making. In fiscal 2021, John Billowits participated in the Corporation's the new director program.

- (b) Briefly describe what measures, if any, the Board takes to provide continuing education for its directors. If the Board does not provide continuing education, describe how the Board ensures that its directors maintain the skill and knowledge necessary to meet their obligations as directors.**

Continuing education opportunities are directed at enabling individual directors to maintain or enhance their skills and abilities as directors, as well as ensuring that their knowledge and understanding of the Corporation's affairs remains current. Members of the Board regularly participate in programs and seminars offered by accounting advisors, legal advisors, compensation advisors, financial advisors and professional associations.

At each quarterly Board meeting, the President and CEO and the CFO make presentations to the directors providing a comprehensive explanation of the Corporation's financial performance, its anticipated future financial results, its key shareholders and operational strategies and initiatives undertaken which relate to the Corporation's strategic goals.

Board members also receive materials prior to each board meeting as well as quarterly analyst reports as published in order to enhance their understanding of how the Corporation is perceived and ranked by the investment community.

Additional presentations are made at quarterly Board meetings in response to requests by the Board or as deemed relevant or appropriate by management.

An update on emerging Governance trends, presented by the Corporation's Corporate Secretary, is included as a standing agenda item of the Governance Committee. The presentation includes reviews of best practices in governance, disclosure, legislative and regulatory reporting requirements.

Each quarterly meeting of the Audit Committee includes a report from the Corporation's external auditor with a comprehensive summary of audit findings and a review of current developments in International Financial Reporting Standards, Canadian securities matters, Canadian auditing and other professional standards.

Annually, the Board of Directors dedicates an entire meeting to strategy, at which meeting senior management provides detailed reviews of operations and activities in each geographic region as well as current and anticipated future financial performance. The directors also receive presentations from management on the Corporation's ongoing research and development work, industry and technology trends, competitive environment and business opportunities. The meeting is collaborative in nature and the directors have opportunities to ask questions and discuss the topics presented.

The following is the list of presentations made to the Board during fiscal 2021:

Date	Topic	Description	Attendance
May 27, 2020	Governance Developments and Emerging Trends	The Corporate Secretary presented on various governance developments including, but not limited to: ISS and Glass Lewis proxy voting guidelines for 2020, director overboarding, board and executive officer diversity, excessive non-audit fees, executive compensation plans, the CCGG 2019 best practices for proxy circular disclosure guide, the Canadian Securities Administrators' proposed <i>Non-GAAP and other Financial Measures Disclosure</i> instrument, 2020 virtual meeting guidance, various regulatory relief relating to the COVID-19 pandemic and considerations regarding material adverse effects on operations and businesses.	Judith Athaide Ken Dedeluk Christopher Fong Patrick Jamieson Peter Kinash Mark Miller Robert Smith Ryan Schneider John Zaozirny
August 10, 2020	Governance Developments and Emerging Trends	The Corporate Secretary presented on various governance developments including, but not limited to, proposed amendments to the <i>Alberta Business Corporations Act</i> , 2020 Canadian proxy season trends, CEO ownership and voting power, out-of-cycle awards, director compensation practices, COVID-19 pandemic related matters and various environmental and social developments.	Judith Athaide Ken Dedeluk Christopher Fong Patrick Jamieson Peter Kinash Mark Miller Ryan Schneider John Zaozirny
November 12, 2020	Governance Developments and Emerging Trends	The Corporate Secretary presented on various governance developments including, but not limited to: the capital markets modernization taskforce consultation report, ESG highlights from the 2020 proxy season, executive compensation in COVID-19, board composition considerations, an update on COVID-19 pandemic related matters and various environmental and social developments.	Judith Athaide Ken Dedeluk Christopher Fong Patrick Jamieson Peter Kinash Mark Miller Ryan Schneider John Zaozirny
November 12, 2020	Executive and Director Diversity	The Corporate Secretary presented a review of current approaches and practices regarding disclosure of executive and director diversity and discussed data collection issues and models which were being used to <i>Canada Business Corporations Act</i> companies to collect personal information to comply with new reporting requirements which came into force in 2020	Judith Athaide Ken Dedeluk Christopher Fong Patrick Jamieson Peter Kinash Mark Miller Ryan Schneider John Zaozirny
November 12, 2020	Cyber Security	The CEO presented a review of cyber security – what is being protected, how it is being protected, cyber security threats faced by the Corporation and the Corporation's response	Judith Athaide Ken Dedeluk Christopher Fong Patrick Jamieson Peter Kinash Mark Miller Ryan Schneider John Zaozirny
November 30 – December 1, 2020	Various	As part of the annual strategic and budget planning session, the Board received presentations from the entire executive team on various topics including industry outlook, market analysis, competitive landscape, regional market updates and research and development strategy.	Judith Athaide Ken Dedeluk Christopher Fong Patrick Jamieson Peter Kinash Mark Miller Ryan Schneider John Zaozirny

Directors are also encouraged to attend external educational programs and seminars offered by the Institute of Corporate Directors (“ICD”), The Directors College and other legal and accounting professional advisors. Ms. Athaide and Mr. Kinash hold the ICD.D designation and complete the required continuing education annually to maintain such designation. Dr. Jamieson has completed four of the five modules of the Chartered Director program offered by the Directors College and has also completed various programs offered by the ICD. A number of directors serve on Boards of Directors of other public or not-for-profit companies, which also is a means of increasing director knowledge.

In addition, the Corporation holds a membership and has obtained a membership for each director with the Institute of Corporate Directors. This membership promotes director education by allowing the directors to receive timely information relevant to corporate governance and director-related matters.

5. Ethical Business Conduct

(a) Disclose whether or not the Board has adopted a written code for the directors, officers and employees. If the Board has adopted a written code:

The Board has adopted a written Code of Business Conduct (the “**Code**”) and reviews on an ongoing basis the Corporation’s compliance with the Code. The Board amends the Code as required to reflect recent legislative changes and evolving practices in the area of business ethics and conflict of interest matters. The Corporation expects that all directors, officers, employees, consultants and agents adhere to the highest ethical standards in all of the Corporation’s business activities. The Corporation’s directors, officers, employees, consultants and agents are expected to deal fairly with securityholders, customers, suppliers, competitors, governments and the general public.

(i) disclose how a person or company can obtain a copy of the code;

A copy of the Code has been filed on and is available through SEDAR at www.sedar.com and on the Corporation’s website at www.cmgl.ca.

(ii) describe how the Board monitors compliance with its code, or if the Board does not monitor compliance, explain whether and how the Board satisfies itself regarding compliance with its code; and

The Board and management of the Corporation monitor compliance with the Code. All directors, officers, employees, consultants and agents are encouraged to report violations of the Code in accordance with the procedures set forth in the Corporation’s Whistleblower Policy (“**Whistleblower Policy**”). The Whistleblower Policy provides a means for all directors, officers, employees, consultants and agents of the Corporation to report violations of the Code confidentially and anonymously.

(iii) provide a cross-reference to any material change report filed since the beginning of the issuer’s most recently completed financial year that pertains to any conduct of a director or executive officer that constitutes a departure from the code.

No material change reports have been filed since the beginning of the Corporation’s most recently completed financial year that pertain to any conduct of a director or executive officer that constitutes a departure from the Code. Any waivers from the Code that are granted for the benefit of a director or an executive officer may be granted only by the Board. The Board has not granted any such waivers.

(b) Describe any steps the Board takes to ensure directors exercise independent judgment in considering transactions and agreements in respect of which a director or executive officer has a material interest.

Each director is responsible for disclosing all actual or potential conflicts of interest and for refraining from voting on matters in which such director has a conflict of interest. In addition, the director must excuse himself from any discussion or decision on any matter in which the director is precluded from voting as a result of a conflict of interest. The Board itself must comply with the conflict of interest provisions of the *Business Corporations Act* (Alberta) to ensure that directors exercise independent judgment in considering transactions and agreements in respect of which a director or executive officer has a material interest. In situations where a significant conflict of interest occurs, the Board establishes an Independent Committee of the Board comprised of independent directors who are not conflicted to consider significant transactions and agreements to be entered into by the Corporation. The Board Chairman and the Governance Committee seeks advice from external counsel on matters involving conflicts of interest and risks associated with interlocking and overlapping directorships as they arise. Particular attention is paid to ensuring the Corporation's proprietary and confidential information is protected.

(c) Describe any other steps the Board has taken to encourage and promote a culture of ethical business conduct.

The Board receives a report from Management on an annual basis regarding various strategies and reporting mechanisms it has established to ensure, to the extent possible, a culture of integrity and ethics is promoted within the Corporation.

In addition to the Code and the Whistleblower Policy referenced above, the Board has approved two additional policies aimed at promoting a culture of ethical business conduct: (i) a disclosure policy ("**Disclosure Policy**"); and (ii) an anti-corruption policy ("**Anti-Corruption Policy**"). The purpose of the Disclosure Policy is to promote consistent disclosure practices aimed at informative, timely and broadly disseminated disclosure of material information to the market, in accordance with applicable securities legislation. The Anti-Corruption Policy's purpose is to provide ethical standards and encourage strict compliance with all applicable anti-corruption legislation by employees (whether permanent or temporary), officers, directors, consultants and agents of CMG who act on behalf of CMG. As well as serving as a vehicle to report violations of the Code, the Whistleblower Policy promotes, among other things, the disclosure and reporting of any questionable accounting or auditing matters, fraudulent or misleading financial information.

The Board requires that all new directors, officers, employees, consultants and agents acknowledge the Code, the Disclosure Policy, the Anti-Corruption Policy and the Whistleblower Policy in writing upon their engagement with the Corporation and each time a substantial amendment is made thereafter. Employees, consultants and agents sign an annual declaration certifying that they have not breached and are not aware of any breaches of the Code and these policies in the last year and that they will continue to comply with the Code and policies,

The Board has identified two areas of significant risk to the Corporation: (i) the potential for agents in foreign countries who are not directly supervised to make representations or undertake actions, for and on behalf of the Corporation, which would be considered a violation of the Code, the Disclosure Policy or the Anti-Corruption Policy; (ii) compliance with sanctions imposed by the Canadian or U.S. government (which may involve an extra-territorial reach) against government entities with whom the Corporation is currently or has in the past conducted business. Having identified these risks, the Board seeks specific clarification and assurances from Management as to the processes and procedures established to manage and mitigate these risks. The Board encourages Management to seek legal advice with respect to compliance matters (and specifically sanctions), as it deems required.

At each regular Board meeting, the Board (A) reviews with Management the risk register for the Corporation and any changes to these risks in the last quarter, and (B) receives from the Vice President, Finance and Chief Financial Officer a certificate stating that the Corporation is: (i) up to date in the payment of all remittances payable to all applicable governments and government agencies (including the CRA), (ii) the Corporation and its subsidiaries are up to date with respect to payroll and payment of wages, (iii) that the workplaces of the Corporation and its subsidiaries are operated in a safe manner; (iv) the Corporation is up to date respecting securities law filings; (v) the Corporation is in compliance with its credit facilities; and (vi) the financial statements have been prepared in accordance with generally accepted accounting principles in Canada.

6. Nomination of Directors

(a) Describe the process by which the Board identifies new candidates for Board nomination.

The process for identifying and recommending the nomination of new Board candidates has been set forth in the written mandate of the Governance Committee. The Governance Committee will work with the Board to determine the competencies and skills the Board considers necessary for the Board, as a whole, to possess, as well as the skills the Board considers each existing director to possess. The directors comprising the Governance Committee come from different professional backgrounds: engineering, accounting and technology, and these individuals live and travel in different jurisdictions so the circle of business relationships is broad and varied. As well as using their own professional organizations and networks to identify potential board nominees, the Governance Committee members consult with: (i) professional recruitment agencies who screen and recommend potential director candidates based on the skills and experience the Governance Committee has identified; and (ii) Corporation's external legal and financial advisors who draw on their connections in the business community (locally, nationally and globally) as part of the identification process. As these advisors move in different circles than the Board members in terms of gender, age and background and have a good understanding of CMG's business and the Board dynamics, this further enhances the identification and recruitment process. In addition, all of Corporation's directors are members of the Institute of Corporate Directors which gives them access to potential director candidates independent of their own professional networks. The Committee will then identify potential Board members from diverse professional and personal backgrounds who combine a broad spectrum of experience and expertise with a reputation for integrity, which assessment will include a consideration of diversity, gender, age, skills, competencies and experience in the context of the needs of the Board. In considering potential candidates for nomination, the Governance Committee is also guided by the Diversity Policy, which is described under section 11 of this Appendix.

In considering the addition of a new director during fiscal 2021, the Governance Committee considered candidates with extensive experience in the global software industry with specific expertise in vertical software technologies. Among the skills and experiences considered were involvement and experience in product development cycle and market expansion, as well as strong operational and leadership experience. In accordance with the Board's Diversity Policy, the diversity of potential candidates was concerned, among other factors.

The following matrix shows the mix of experience and expertise possessed by the members of the Board:

SKILLS AND EXPERIENCE	Athaide	Billowits	Dedeluk	Fong	Jamieson	Kinash	Miller	Schneider	Zaozirny
Enterprise management		✓	✓	✓	✓	✓	✓	✓	✓
Marketing/Branding		✓	✓		✓		✓	✓	
Governance/Board	✓	✓	✓	✓	✓	✓	✓	✓	✓
Business operations	✓	✓	✓	✓	✓	✓	✓	✓	✓
Financial literacy	✓	✓	✓	✓	✓	✓	✓	✓	✓
International experience		✓	✓		✓	✓	✓	✓	✓
Risk management	✓	✓	✓	✓	✓		✓	✓	
Financial experience		✓	✓	✓		✓	✓	✓	
Human resources and compensation	✓	✓	✓		✓	✓	✓	✓	
Strategic planning	✓	✓	✓	✓		✓	✓	✓	✓
Information technology/ Cyber security		✓	✓			✓	✓	✓	
Legal/Regulatory	✓								✓
Environmental	✓			✓					
Social impact	✓			✓		✓			

DEFINITIONS:

Enterprise management	Senior executive experience leading a public organization or business unit.
Marketing/Branding	Direct sales and marketing experience as well as experience in identifying other value creation opportunities.
Governance/ Board	Understanding of the requirements of good corporate governance usually gained through experience as a senior executive or a board member of a public corporation or major corporation.
Business operations	Experience with reservoir engineering, oil and gas industry experience, and/or software development.
Financial literacy	Ability to critically read and analyze financial statements.
International experience	Experience in a company with international operations providing an understanding of the challenges faced in different cultural, political or regulatory environments.
Risk management	Experience in identifying, evaluating and managing the variety of risks facing an organization.
Financial experience	Knowledge of and experience in financial accounting, reporting, internal controls, taxation and corporate finance.
Human resources and compensation	Management or executive experience related to compensation plans, including short- and long-term incentive plans, succession planning and general human resource matters.
Strategic planning	Experience in the development and implementation of a strategic direction of a major organization.
Information technology/ Cyber security	Knowledge of and experience in information technology operations and cyber-security protocols
Legal/Regulatory	Knowledge and experience in law and compliance with regulatory regimes.
Environmental	Knowledge of and experience related to oversight of climate-related risks and opportunities and environmental operations.
Social impact	Knowledge and experience related to oversight of human rights, harassment, diversity and health and safety.

The Committee makes recommendations to the Board with respect to nominees for election at the next annual meeting of shareholders or to be appointed to fill vacancies between annual meetings of the shareholders and will, through the Chairman of the Committee, approach nominees to ascertain their willingness to serve as a member of the Board.

- (b) Disclose whether or not the Board has a nominating committee composed entirely of independent directors. If the Board does not have a nominating committee composed entirely of independent directors, describe what steps the Board takes to encourage an objective nomination process.**

With respect to its nominating functions, the Governance Committee's primary function is to recommend to the Board new candidates for election to the Board.

The Governance Committee Charter, which has been approved by the Board, delegates to the Governance Committee the responsibility for dealing with the nomination of directors. The Governance Committee was composed entirely of independent directors as defined in NI 58-101 in the year ended March 31, 2021.

- (c) If the Board has a nominating committee, describe the responsibilities, powers and operation of the nominating committee.**

In addition to the responsibilities set out in 6(a) above and elsewhere in the Information Circular, the Governance Committee also has the authority to engage independent counsel and other advisors as it determines necessary to carry out its duties and to set the compensation for any such counsel and advisors. Any engagement of independent counsel or other advisors is to be at the Corporation's expense.

7. Compensation

- (a) Describe the process by which the Board determines the compensation for the issuer's directors and officers.**

The Governance Committee assesses and considers executive officer and director compensation as mandated by the Governance Committee Charter and then recommends a compensation package for the executive officers and a directors' compensation package annually to the directors of the Corporation for approval. The nature and scope of the comprehensive compensation packages and the process undertaken by the Governance Committee to assess the same are more fully described in the "Executive Compensation Discussion and Analysis" section of the Information Circular.

Generally, the Governance Committee will review and recommend for approval by the Board the executive compensation philosophy and remuneration policy for the Corporation and will:

- (i) review and approve the corporate goals and objectives relevant to the compensation of the President and CEO and other executive officers;
- (ii) evaluate the performance of the CEO and other executive officers in light of the previously established corporate goals and objectives;
- (iii) review and assess CEO and executive compensation in a comparator group of companies and consider compensation of the President and CEO in view of this information and additional information provided by independent sources; and
- (iv) recommend to the Board the CEO's and other executives' compensation packages based on its evaluation of his performance.

In addition, the Committee will review annually and recommend to the Board the annual compensation package and performance objectives of the other executive officers. With respect to the compensation of directors, the Committee will review the adequacy and form of the compensation of directors periodically to determine if the compensation realistically reflects the responsibilities and risks involved in being an effective director and the compensation of directors of a comparator group of issuers, and report and make recommendations to the Board accordingly.

The Committee will also determine and recommend to the Board the annual bonuses to be paid and will review the grants of equity-based compensation awards.

- (b) Disclose whether or not the Board has a compensation committee composed entirely of independent directors. If the Board does not have a compensation committee composed entirely of independent directors, describe what steps the Board takes to ensure an objective process for determining such compensation.**

The Governance Committee was composed of three directors in the year ended March 31, 2021, each of whom was considered independent in accordance with NI 58-101 and in accordance with the more stringent definition of independence adopted by Institutional Shareholder Services, Inc.

- (c) If the Board has a compensation committee, describe the responsibilities, powers and operation of the compensation committee.**

With respect to its compensation committee functions, the Governance Committee's primary functions are to: (i) assist the Board in fulfilling its oversight responsibilities with respect to human resources policies and executive compensation matters; (ii) review the compensation of directors and the overall compensation policies of the Corporation; and (iii) assist the Board in corporate governance matters. How the Governance Committee discharges its obligations is set out in the Information Circular under the headings "Executive Compensation Discussion and Analysis" and "Remuneration of Directors."

8. Other Board Committees

If the Board has standing committees other than the audit, compensation and nominating committees, identify the committees and describe their function.

The Board has no standing committees other than the Audit Committee and the Governance Committee.

9. Assessments

Disclose whether or not the Board, its committees and individual directors are regularly assessed with respect to their effectiveness and contribution. If assessments are regularly conducted, describe the process used for the assessments. If the assessments are not regularly conducted, describe how the Board satisfies itself that the Board, its committees, and its individual directors are performing effectively.

The Governance Committee is responsible for ensuring that there is a process in place for annually evaluating the effectiveness and contribution of the Board, the committees of the Board and the individual directors based on their applicable terms of reference or position description.

The objective of the assessments is to ensure the continued effectiveness of the Board in the execution of its responsibilities and to contribute to a process of continuing improvement. In addition to any other matters the Governance Committee deems relevant, the assessments will consider in the case of the Board or a committee of the Board, the applicable terms of reference, the applicable

position descriptions, as well as the competencies and skills each individual director is expected to bring to the Board.

Each year the Governance Committee prepares a formal questionnaire which is provided to each director of the Corporation. A comprehensive long-form assessment is completed every two years and a short-form assessment is completed in each alternating year. The completed questionnaires are summarized in a consolidated report which goes to the Governance Committee for discussion and to consider what, if any, recommendations for changes to the Board, committees of the Board of directors should be presented to the full Board. In fiscal 2021, the short-form assessment was completed, the results were independently tabulated, and there were fulsome discussions at both the October Governance Committee meeting and February Board meeting about the implementation of certain strategies at the Board and Management level in response to the feedback.

The annual evaluation of the effectiveness of the Board and its committees has led to the nomination and election of additional directors with the requisite financial background to enable the Board to meet its obligation to have an Audit Committee composed of financially literate and independent directors as such term is defined in NI 52-110.

The Governance Committee reviews annually the terms of reference for the Board, the charters of the committees of the Board, the position descriptions for the CEO and the chairs of the committees and makes recommendations to the Board with respect to required or desired changes. The Governance Committee also reviews the directors' skills matrix and identifies any gaps in experience and skills which, if filled, would strengthen the effectiveness of the Board and seeks input from significant shareholders regarding the composition of the Board. Most recently, as a result of this review and consultations with significant shareholders, Mr. Billowits was appointed in January 2021 and is standing for election at the July 8, 2021 annual shareholder meeting.

10. Director Term Limits and Other Mechanisms of Board Renewal

Disclose whether or not the issuer has adopted term limits for the directors on its Board or other mechanisms of Board renewal and, if so, include a description of those director term limits or other mechanisms of Board renewal. If the issuer has not adopted director term limits or other mechanisms of Board renewal, disclose why it has not done so.

The Board has not established term limits for its directors as it believes it has been able to achieve Board renewal without specific limits or a fixed retirement age. A majority of the current independent directors to be elected at the upcoming annual shareholder meeting have served for a term of less than 10 years and three of the seven independent directors have served for terms of less than five years. The Board's composition provides an appropriate balance between those directors who have acquired significant insight and detailed knowledge about the Corporation's industry, operations and management and, therefore, provide valuable expertise and leadership to the Corporation and those directors who bring new perspectives and insights which ensures Board renewal and appropriate oversight of the Corporation and its management. In addition, the Board believes that the annual evaluation of each director's effectiveness and contribution to the Board, as well as individual assessments of competencies and skills, is an effective mechanism of Board renewal. Finally, the Board believes that it is in the shareholders' best interests to ensure the most qualified persons, given the nature of the Corporation's business, are on the Board, regardless of age or tenure.

11. Policies Regarding the Representation of Women on the Board

Disclose whether the issuer has adopted a written policy relating to the identification and nomination of women directors. If the issuer has adopted a policy, disclose a summary of its objectives and key provisions, the measures taken to ensure the policy has been effectively

implemented and whether, if so, how the Board or its nominating committee measures the effectiveness of the policy.

On May 19, 2016, the Board adopted a written policy regarding diversity on the board of directors and in executive officer positions (the "Diversity Policy"). The Diversity Policy sets forth the Corporation's approach to achieving and maintaining diversity, including gender diversity, on its Board and in executive officer positions. The objective and key provisions of the Diversity Policy are to ensure that the profiles of Board members and executive officers provide the necessary range of perspectives, experience and expertise required to achieve effective stewardship and oversight. The policy recognizes that diversity helps ensure that a wide variety of perspectives are brought to bear on issues, while enhancing the likelihood that proposed solutions will be nuanced and comprehensive.

The policy has been effectively implemented by the Board through direction to the Governance Committee which acts as the independent nomination committee to ensure compliance with the policy when considering nominations. The Governance Committee, in turn, has considered the policy, reflected on the current Board composition and compiled a list of potential nominees who would assist in ensuring appropriate Board diversity. The Governance Committee monitors its compliance with the Diversity Policy on an annual basis and whenever it considers Board nominations and succession planning. The Committee considers succession plans during each of its meetings as a regular agenda item and conscientiously considers matters of diversity in the context of examining the skill sets of individual directors and identifying any gaps which may be required to be filled for effective Board leadership.

The effectiveness of the Diversity Policy is evidenced by the addition of a woman to the Board within a year of the Board's adoption of the policy and the growing number of diverse candidates that are continually being added to the Governance Committee's evergreen list of potential nominees for director. When selecting a new director in 2021, the Board considered a number of candidates from its gender diverse evergreen list. Mr. Billowits was appointed as his skills and experiences best matched the organization's needs at this time. The Board will continue to consider candidates from its gender diverse evergreen list for each nomination or appointment to the Board.

The Governance Committee will be considering recent guidance provided by ISS and Glass Lewis aimed at increasing the number of women on Boards by 2022, in conjunction with the Corporation's Diversity Policy, as it implements its succession plan.

12. Consideration of Representation of Women in the Director Identification and Selection Process, Targets and Current Number of Women on the Board

Disclose whether and, if so, how the Board or nominating committee considers the level of representation of women on the Board in identifying and nominating candidates for election or re-election to the Board. If the issuer does not consider the level of representation of women on the Board in identifying and nominating candidates for election or re-election to the Board, disclose the issuer's reasons for not doing so.

The Board is mindful of the benefits of diversity, and is committed to a corporate culture of inclusiveness and tolerance where a diversity of views, backgrounds and experiences are represented at the Board to enhance the effectiveness of decision-making processes. The Board has committed, in future searches for director nominees, to give serious consideration to the representation of women on the Board and the Governance Committee has developed a set of criteria for Board membership that strives to attain a diversity of background and skills for the Board. The Governance Committee strives for the inclusion of diverse groups, knowledge and viewpoints and may retain an outside advisor to help meet the Board's diversity objectives. The Governance Committee takes into account that qualified Board candidates may be found in a broad array of organizations including academic institutions, private enterprises, non-profit organizations, as well as the traditional corporate environment.

The Board also believes that focusing on processes, such as obtaining new director candidates from various sources, including recruiting agencies, helps to combat any systematic inequities that might result out of cognitive bias. Open dialogue about gender diversity at Governance Committee meetings helps to turn attention to the importance of the matter. The Governance Committee receives a written and verbal report from external legal counsel at each of its meetings highlighting recent legal and regulatory developments, trends and best practices with respect to corporate governance, including with regard to gender diversity, and engages in fulsome discussion about these matters.

In identifying director nominee candidates, the Board and the Corporation will continue to consider numerous other factors beyond gender, such as the candidate's skills, expertise, industry experience and leadership qualities. The Governance Committee periodically reviews Board recruitment and selection processes to ensure that diversity remains a component of any director search and considers the level of representation of each gender on the Board. The Governance Committee maintains an evergreen list of potential director nominees and adds to this roster whenever potential director candidates are identified who have the specialized skill set CMG's Board has identified to meet emerging needs. This ensures the Committee is in a position to effectively and efficiently recommend qualified candidates to the Board (and ultimately to the shareholders) to ensure optimal performance, gender diversity being part of the key to achieving positive performance for CMG, should a vacancy occur.

The above-described process demonstrates that the Governance Committee has appropriate mechanisms in place for identifying and recruiting women as director nominees, while at the same time focusing on the skills and experiences required of prospective candidates to ensure an effective Board.

Disclose whether the issuer has adopted a target regarding women on the issuer's Board. If the issuer has not adopted a target, disclose why it has not done so.

At this time, the Board has not adopted a target number or percentage, or a range of target numbers or percentages, of women on the Board by a specific date, however, in 2017 Ms. Athaide was appointed to the Board based on her skills, expertise and industry and public company experience. The Corporation will continue to give serious consideration to inclusion of women as new Board members as directors retire and new candidates are nominated for these director positions and in view of recently published new ISS and Glass Lewis guidelines for the 2022 proxy season aimed at increasing the number of women on boards.

Disclose the number and proportion (in percentage terms) of directors on the issuer's Board who are women.

As of May 19, 2021, one of nine directors, representing 11% of the directors, is a woman.

13. Consideration Given to the Representation of Women in Executive Officer Appointments, Targets and Current Number of Women in Executive Officer Positions

Disclose whether and, if so, how the issuer considers the level of representation of women in executive officer positions when making executive officer appointments. If the issuer does not consider the level of representation of women in executive officer positions when making executive officer appointments, disclose the issuer's reasons for not doing so.

The President and CEO of the Corporation is responsible for considering candidates for executive officer appointments. In fulfilling this role, the President and CEO reviews potential candidates from a variety of backgrounds and perspectives with the Corporation's diversity objectives in mind including, without limiting the generality of the foregoing, the specific objective of gender diversity and considers the level of representation of both genders in executive officer positions when making executive officer appointments.

The Board will continuously monitor the level of representation of women at the executive officer and management levels of the Corporation. The Corporation has generally appointed its executive officers from among internal candidates who have received strong mentorship, training and continuing education programming to ensure their success in these positions when they are ready to move into them. All of the employees of the Corporation will continue to have equal access to continuing education and career development opportunities within the Corporation. When recruiting externally for executive officers, particular attention will be paid to the representation of women, in addition to ensuring the candidates for executive positions have the skills, expertise and industry and public company experience identified for the specific position.

Disclose whether the issuer has adopted a target regarding women in executive officer positions of the issuer. If the issuer has not adopted a target, disclose why it has not done so.

The Corporation has not adopted a specific target number or percentage, or a range of target numbers or percentages, of women in executive officer positions, but it is committed to a corporate culture of inclusiveness and tolerance without setting gender or diversity-based targets. The Board believes singling out one specific attribute may not result in the recruitment of the most qualified candidate for a position. To identify and nominate highly qualified candidates, the Corporation, in addition to gender, considers a number of other important factors such as the candidate's professional experience, education, expertise, skills and leadership qualities. The Board believes that the current executive team composition will more closely reflect the diversity of the work force of the Corporation over time as individuals are promoted from within the organization most often, given the unique nature of the Corporation's business.

Disclose the number and proportion (in percentage terms) of Executive Officers of the issuer, who are women.

As of May 19, 2021, two of the eight executive officers of the Corporation, representing 25% of the executive officers, are women. Approximately 29% of the current leadership positions at the combined management and executive level in the Corporation are occupied by women.

APPENDIX B
BOARD OF DIRECTORS MANDATE

A. MANDATE

The mandate of the Board is to undertake stewardship of the Corporation pursuant to applicable statutes and regulations. It undertakes the stewardship principally through: (1) reviewing and making decisions with respect to the strategic direction and plans of the Corporation; (2) considering for approval, recommendations from its committees; and (3) undertaking strategic initiatives of the Board itself. In discharging its duties and responsibilities, the Board shall act in accordance with applicable laws and regulations, including but not limited to the provisions of the *Business Corporations Act* (Alberta) ("ABCA"), with a view to always act in the best interests of the Corporation.

The Terms of Reference distinctly delineate the stewardship and authorities of the Board from those of Executive Management and facilitate effective communication and coordination among the Board, Board Committees, Executive Management, shareholders and the public.

B. CONSTITUTION

1. Pursuant to the Corporation's articles, bylaws and the ABCA, the Board shall have a minimum of three and a maximum of nine directors, with the number of directors approved by the shareholders at an annual meeting of shareholders. At least one-quarter of the directors must be resident Canadians (as defined in the ABCA) and at least a majority of them must be independent as defined under securities laws, rules or guidelines, any applicable stock exchange requirements or guidelines and any other applicable regulatory rules. The Board shall be responsible for determining whether any particular director is independent of Management.
2. The directors, other than interim appointments, are elected by the shareholders and each serves until succeeded or resigns.
3. The Board Chair is appointed by the Board to serve at the pleasure of the Board until succeeded or resigns. The Board Chair shall be an independent director. Where this is not appropriate, an independent director shall be appointed as a "lead director."
4. A recording assistant shall be appointed by the Board.

C. MEETINGS, MINUTES AND REPORTING

1. The Board shall determine the number of, dates and times, place and the procedures for meetings provided that:
 - a) proper notice of meetings is given in compliance with the articles and bylaws of the Corporation and all applicable laws;
 - b) the Board meets at least quarterly;
 - c) the agenda for each Board meeting is established by the Chair, in consultation with the CEO, taking into account suggestions from other members of the Board and meeting materials are sent to directors with sufficient time for study prior to the meetings;
 - d) a quorum of a majority of members are present in person or via telephone or other communication facilities that permit all those directors participating to hear each other;
 - e) in the absence of the Board Chair, a chair for the meeting is chosen at the meeting;
 - f) resolutions are decided by a majority vote, with the Board Chair having a second or casting vote in the event of a tie;

- g) an in-camera session, without the non-independent directors and Management present, be held at every Board meeting; and
- h) the recording assistant shall record minutes of the meetings and after review by the Chair and by the CFO; the minutes shall be submitted for amendment and decision at the next meeting of the Board.

D. SCOPE OF STEWARDSHIP

1. The scope of stewardship of the Board is plenary, subject to the requirements of the ABCA.
2. Authorities are delegated to the CEO and to Board Committees by way of the respective Position Description, the Delegation of Authorities and the Charters as provided herein; however, stewardship over those delegated authorities remains with the Board.
3. The Board's responsibilities shall include:
 - a) conducting its meetings and recording/approving minutes thereof;
 - b) establishing committee charters and committees pursuant to the charters, and appointing the chair and directors to serve on each committee, including two standing committees, the Governance Committee (which includes nominating and compensation functions) and the Audit Committee;
 - c) developing clear position descriptions for the Board Chair, Chief Executive Officer and Chief Financial Officer;
 - d) considering and approving recommendations from its committees and Management including recommendations as set forth in this Board mandate and recommendations specified in the charters;
 - e) to the extent feasible, satisfying itself as to the integrity of the CEO and other officers and that they create a culture of integrity throughout the organization;
 - f) adopting a strategic planning process and approving, on at least an annual basis, a strategic plan which takes into account, among other things, the opportunities and risks of the business;
 - g) taking reasonable steps to ensure that Management identifies the principal business and financial risks of the Corporation's business, implements appropriate systems to manage these risks and achieves a proper balance between risk and returns;
 - h) overseeing succession planning, including the process that has been developed and implemented for Management succession and appointing the CEO, monitoring performance, determining compensation and providing advice and counsel on the execution of the duties of the CEO;
 - i) approving the appointment of senior Management, acting upon the advice of the CEO;
 - j) adopting a communication and disclosure policy (Disclosure Policy) for the Corporation and take reasonable steps to ensure that the Corporation has in place effective communication processes with shareholders and other stakeholders and with financial, regulatory, and other institutions and agencies as appropriate;
 - k) ensuring the necessary internal control over financial reporting and disclosure controls and procedures are in place that effectively monitor the Corporation's operations and ensure

compliance with applicable laws, regulations and policies, including reviewing on an annual basis the controls and procedures established for the certification of financial and other disclosure made by the Corporation;

- l) developing the Corporation's approach to corporate governance, including developing a set of corporate governance principles and guidelines that are specifically applicable to the Corporation;
- m) setting out expectations and responsibilities of directors, including basic duties and responsibilities with respect to attendance at board meetings and advance review of meeting materials;
- n) reviewing and approving the Corporation's goals and objectives relevant to the compensation of the officers, including the CEO, and approving the Corporation officers' compensation plans/packages based upon an evaluation of each officer's performance with respect to the goals and performance targets approved by the Board;
- o) approving the annual business plan, including capital and operating budgets, which supports the Corporation's ability to meet its strategic objectives and implements the strategic plan;
- p) adopting a written code of business conduct and ethics ("Code") and anti-bribery and corruption policy which is applicable to directors, officers and employees of the Corporation;
- q) monitoring compliance with the Code and anti-corruption policy and granting waivers, if any, from the Code;
- r) approving the Governance Committee's recommendations regarding assessments of the Board, its size, its committees and the competencies and skills of each individual director;
- s) reviewing and approving the adequacy and form of director compensation;
- t) considering the recommendations of the Governance Committee for new director nominees and recommending director nominees at the annual meetings of shareholders;
- u) ensuring all new directors receive a comprehensive orientation and continuing education opportunities for all directors;
- v) taking reasonable steps to ensure that the financial performance of the Corporation is accurately and fairly reported to stakeholders on a timely, regular and non-selective basis, and in accordance with generally accepted accounting principles;
- w) considering and approving the Audit Plan and the compensation of the external auditor;
- x) approving the comparative annual financing statements and interim financial reports, MD&A and related press releases of the Corporation.
- y) considering the Audit Committee's recommendation for the nomination of the external auditors of the Corporation to shareholders and recommending the nominee to the shareholders;
- z) approving the annual information/proxy circular and accompanying proxy materials;
- aa) approving the annual information form;

- bb) taking reasonable steps to oversee the timely reporting of any other developments that have a material impact on the Corporation;
- cc) approving acquisitions and divestitures in excess of the limits set forth in the Delegation of Authorities to the CEO herein;
- dd) approving debt or equity financings, and the payment of any commissions and fees in connection thereto;
- ee) declaring dividends, setting the dividend record date and approving the dividend policy;
- ff) appointing or removing senior officers, provided however the CEO is delegated authorities as set forth in the Delegation of Authorities to the CEO herein;
- gg) determining matters to be submitted to the shareholders of the Corporation;
- hh) approving the establishment of equity-based compensation plans or other derivative-based plan and amendments and grants related thereto;
- ii) approving the purchase, redemption, acquisition, issuance or otherwise trading in securities of the Corporation;
- jj) adopting, amending or repealing the bylaws of the Corporation subject to shareholder ratification;
- kk) ensuring appropriate structures and procedures are in place so the Board can operate independently of Management;
- ll) monitoring the Corporation's progress towards its objectives and goals, including in light of changing circumstances; and
- mm) overseeing the Corporation's activities as they relate to the environment and security and the Corporation's environmental and security policies.

The Board may perform such other functions as the Board deems necessary or appropriate for the performance of its responsibilities and duties.

E. BOARD COMMITTEES

1. The Board shall have two standing committees:
 - a) Audit Committee and
 - b) Governance Committee, which embodies the functions of the nominating committee and the compensation committee.
2. The composition and responsibilities of these committees shall be set forth in the Charters for these committees as prescribed from time to time by the Board.
3. The Board may constitute additional committees with charters as may be required or appropriate from time to time.
4. At each meeting of the Board, each committee shall report on any activities and conclusions of the respective committee since their last report.

5. Appointment of members to the standing committees shall be the responsibility of the Board, having received the recommendation of the Governance Committee. In this regard consideration shall be given to the competencies and skills of particular directors, as well as independence criteria.

F. *ENGAGE OUTSIDE ADVISORS*

In discharging their obligations and in appropriate circumstances, a committee may engage outside advisors at the expense of the Corporation. Individual directors may engage outside advisors, subject to approval by the Governance Committee, such approval not to be unreasonably withheld.