

**INDENTURE**

**DATED AS OF OCTOBER 27, 2021**

**BETWEEN**

**QUARTERHILL INC.**

**AND**

**COMPUTERSHARE TRUST COMPANY OF CANADA**

**PROVIDING FOR THE ISSUE OF DEBENTURES**

## TABLE OF CONTENTS

|   |    |
|---|----|
| ARTICLE 1 INTERPRETATION.....                                   | 1  |
| 1.1 Definitions.....  | 1  |
| 1.2 Meaning of “Outstanding” .....                              | 7  |
| 1.3 Rules of Interpretation .....                               | 7  |
| 1.4 Language.....   | 8  |
| 1.5 Successors and Assigns.....                                 | 8  |
| 1.6 Benefits of Indenture.....                                  | 8  |
| 1.7 No Recourse Against Trustees and Others .....               | 8  |
| 1.8 Immunity of Trustees and Others .....                       | 9  |
| 1.9 Calculations.....   | 9  |
| 1.10 Schedules .....  | 9  |
| ARTICLE 2 THE DEBENTURES.....                                   | 9  |
| 2.1 Limit of Debentures .....                                   | 9  |
| 2.2 Terms of Debentures of any Series.....                      | 10 |
| 2.3 Form of Debentures .....                                    | 11 |
| 2.4 Form and Terms of Initial Debentures.....                   | 11 |
| 2.5 Certification and Delivery of Additional Debentures.....    | 17 |
| 2.6 Issue of Global Debentures.....                             | 17 |
| 2.7 Execution of Debentures.....                                | 18 |
| 2.8 Certification .....   | 18 |
| 2.9 Interim Debentures or Certificates.....                     | 19 |
| 2.10 Mutilation, Loss, Theft or Destruction .....               | 19 |
| 2.11 Concerning Interest.....                                   | 19 |
| 2.12 Debentures to Rank Subordinate and <i>Pari Passu</i> ..... | 20 |
| 2.13 Payments of Amounts Due on Maturity .....                  | 20 |
| 2.14 Payment of Interest .....                                  | 20 |
| 2.15 Beneficial Interests in a Global Debenture .....           | 21 |
| ARTICLE 3 REGISTRATION, TRANSFER, EXCHANGE AND OWNERSHIP .....  | 22 |
| 3.1 Fully Registered Debentures.....                            | 22 |
| 3.2 Global Debentures .....                                     | 23 |
| 3.3 Transferee Entitled to Registration .....                   | 24 |

|   |  |    |
|---|--|----|
| 3.4   | No Notice of Trusts.....   | 24 |
| 3.5   | Registers Open for Inspection.....   | 24 |
| 3.6   | Exchanges of Debentures.....   | 24 |
| 3.7   | Closing of Registers .....   | 25 |
| 3.8   | Charges for Registration, Transfer and Exchange .....                                  | 25 |
| 3.9   | Ownership of Debentures .....  | 25 |
| ARTICLE 4 REDEMPTION AND PURCHASE OF DEBENTURES ..... |  | 26 |
| 4.1   | Applicability of Article.....  | 26 |
| 4.2   | Partial Redemption.....  | 26 |
| 4.3   | Notice of Redemption .....   | 27 |
| 4.4   | Debentures Due on Redemption Dates .....   | 27 |
| 4.5   | Deposit of Redemption Moneys or Common Shares .....                                    | 27 |
| 4.6   | Right to Repay Redemption Price in Common Shares .....                                 | 28 |
| 4.7   | Failure to Surrender Debentures Called for Redemption .....                            | 30 |
| 4.8   | Cancellation of Debentures Redeemed.....   | 31 |
| 4.9   | Purchase of Debentures by the Corporation .....  | 31 |
| 4.10  | Right to Repay Principal Amount in Common Shares at Maturity .....                     | 31 |
| 4.11  | Right to Pay all Amounts in Common Shares .....  | 33 |
| 4.12  | Restriction on Common Share Redemption Right and Common Share<br>Repayment Right ..... | 34 |
| ARTICLE 5 SUBORDINATION OF DEBENTURES.....            |  | 34 |
| 5.1   | Applicability of Article.....  | 34 |
| 5.2   | Order of Payment.....  | 34 |
| 5.3   | Subrogation to Rights of Holders of Senior Indebtedness.....                           | 34 |
| 5.4   | Obligation to Pay Not Impaired.....  | 35 |
| 5.5   | Payment on Debentures Permitted.....   | 35 |
| 5.6   | Confirmation of Subordination.....   | 35 |
| 5.7   | Knowledge of Trustee.....  | 36 |
| 5.8   | Trustee May Hold Senior Indebtedness .....   | 36 |
| 5.9   | Rights of Holders of Senior Indebtedness Not Impaired .....                            | 36 |
| 5.10  | Altering the Senior Indebtedness .....   | 36 |
| 5.11  | Additional Indebtedness.....   | 36 |
| 5.12  | Right of Debentureholder to Convert Not Impaired .....                                 | 36 |

|  |   |    |
|--|---|----|
| 5.13   | Subordination not to be Impaired .....                | 36 |
| ARTICLE 6 CONVERSION OF DEBENTURES.....      |   | 38 |
| 6.1  | Applicability of Article.....                         | 38 |
| 6.2  | Revival of Right to Convert.....                      | 39 |
| 6.3  | Manner of Exercise of Right to Convert.....           | 39 |
| 6.4  | Adjustment of Conversion Price.....                   | 40 |
| 6.5  | No Requirement to Issue Fractional Common Shares..... | 43 |
| 6.6  | Trust to Reserve Common Shares.....                   | 43 |
| 6.7  | Cancellation of Converted Debentures .....            | 43 |
| 6.8  | Certificate as to Adjustment.....                     | 43 |
| 6.9  | Notice of Special Matters.....                        | 44 |
| 6.10   | Protection of Trustee.....                            | 44 |
| ARTICLE 7 COVENANTS OF THE CORPORATION ..... |   | 44 |
| 7.1  | General Covenants .....                               | 44 |
| 7.2  | To Pay Trustee’s Remuneration.....                    | 44 |
| 7.3  | To Give Notice of Default .....                       | 45 |
| 7.4  | Preservation of Existence, etc.....                   | 45 |
| 7.5  | Additional Covenants.....                             | 45 |
| 7.6  | Reporting Requirements .....                          | 46 |
| 7.7  | Performance of Covenants of Trustee.....              | 46 |
| 7.8  | Taxation .....  | 47 |
| ARTICLE 8 DEFAULT .....                      |   | 47 |
| 8.1  | Events of Default .....                               | 47 |
| 8.2  | Notice of Events of Default .....                     | 48 |
| 8.3  | Waiver of Default .....                               | 49 |
| 8.4  | Waiver of Declaration.....                            | 49 |
| 8.5  | Enforcement by the Trustee .....                      | 50 |
| 8.6  | No Suits by Debentureholders .....                    | 51 |
| 8.7  | Application of Moneys by Trustee .....                | 51 |
| 8.8  | Notice of Payment by Trustee.....                     | 52 |
| 8.9  | Trustee May Demand Production of Debentures.....      | 52 |
| 8.10   | Remedies Cumulative .....                             | 52 |
| 8.11   | Judgment Against the Corporation .....                | 52 |

|   |  |    |
|---|--|----|
| 8.12  | Control by Holders.....  | 52 |
| 8.13  | Rights of Holders to Receive Payment .....                                 | 53 |
| 8.14  | Delay or Omission Not Waiver.....  | 53 |
| ARTICLE 9 SATISFACTION AND DISCHARGE.....               |  | 53 |
| 9.1   | Cancellation and Destruction.....  | 53 |
| 9.2   | Non-Presentation of Debentures .....                                       | 53 |
| 9.3   | Repayment of Unclaimed Moneys or Common Shares.....                        | 54 |
| 9.4   | Discharge .....  | 54 |
| 9.5   | Satisfaction.....  | 54 |
| 9.6   | Continuance of Rights, Duties and Obligations.....                         | 56 |
| ARTICLE 10 COMMON SHARE INTEREST PAYMENT ELECTION ..... |  | 56 |
| 10.1  | Common Share Interest Payment Election .....                               | 56 |
| ARTICLE 11 SUCCESSORS .....                             |  | 58 |
| 11.1  | Restrictions on Amalgamation, Merger and Sale of Certain Assets, etc. .... | 58 |
| 11.2  | Vesting of Powers in Successor .....                                       | 59 |
| ARTICLE 12 COMPULSORY ACQUISITION.....                  |  | 59 |
| 12.1  | Definitions.....   | 59 |
| 12.2  | Offer for Debentures .....   | 60 |
| 12.3  | Offeror’s Notice to Dissenting Debentureholders .....                      | 60 |
| 12.4  | Delivery of Debenture Certificates .....                                   | 60 |
| 12.5  | Payment of Consideration to Debenture Trustee .....                        | 61 |
| 12.6  | Consideration to be held in Trust.....                                     | 61 |
| 12.7  | Completion of Transfer of Debentures to Offeror .....                      | 61 |
| 12.8  | Communication of Offer to the Corporation .....                            | 61 |
| ARTICLE 13 MEETINGS OF DEBENTUREHOLDERS .....           |  | 62 |
| 13.1  | Right to Convene Meeting.....  | 62 |
| 13.2  | Notice of Meetings.....  | 62 |
| 13.3  | Chair.....   | 63 |
| 13.4  | Quorum .....   | 63 |
| 13.5  | Power to Adjourn.....  | 64 |
| 13.6  | Show of Hands .....  | 64 |
| 13.7  | Poll .....   | 64 |
| 13.8  | Voting .....   | 64 |

|   |   |    |
|---|---|----|
| 13.9                                    | Proxies.....  | 64 |
| 13.10                                   | Persons Entitled to Attend Meetings.....                            | 65 |
| 13.11                                   | Powers Exercisable by Extraordinary Resolution.....                 | 65 |
| 13.12                                   | Meaning of “Extraordinary Resolution” .....                         | 66 |
| 13.13                                   | Powers Cumulative .....   | 67 |
| 13.14                                   | Minutes .....   | 67 |
| 13.15                                   | Instruments in Writing .....  | 67 |
| 13.16                                   | Binding Effect of Resolutions.....                                  | 68 |
| 13.17                                   | Evidence of Rights of Debentureholders .....                        | 68 |
| 13.18                                   | Concerning Serial Meetings.....                                     | 68 |
| ARTICLE 14 NOTICES.....                 |   | 68 |
| 14.1                                    | Notice to Trust and Trustee.....                                    | 68 |
| 14.2                                    | Notice to Debentureholders .....                                    | 69 |
| 14.3                                    | Mail Service Interruption.....                                      | 69 |
| ARTICLE 15 CONCERNING THE TRUSTEE ..... |   | 70 |
| 15.1                                    | No Conflict of Interest .....                                       | 70 |
| 15.2                                    | Replacement of Trustee .....  | 70 |
| 15.3                                    | Duties of Trustee.....  | 71 |
| 15.4                                    | Reliance Upon Declarations, Opinions, etc. ....                     | 71 |
| 15.5                                    | Evidence and Authority to Trustee, Opinions, etc. ....              | 71 |
| 15.6                                    | Officer’s Certificate as Evidence .....                             | 72 |
| 15.7                                    | Experts, Advisers and Agents .....                                  | 72 |
| 15.8                                    | Trustee May Deal in Debentures .....                                | 72 |
| 15.9                                    | Investment of Moneys Held by Trustee.....                           | 73 |
| 15.10                                   | Trustee Not Ordinarily Bound .....                                  | 73 |
| 15.11                                   | Trustee Not Required to Give Security.....                          | 73 |
| 15.12                                   | Trustee Not Bound to Act on Trust’s Request.....                    | 74 |
| 15.13                                   | Conditions Precedent to Trustee’s Obligations to Act Hereunder..... | 74 |
| 15.14                                   | Authority to Carry on Business.....                                 | 74 |
| 15.15                                   | Compensation and Indemnity .....                                    | 74 |
| 15.16                                   | Acceptance of Trust .....   | 76 |
| 15.17                                   | Assignment and Enurement .....                                      | 76 |
| 15.18                                   | Third Party Interests.....  | 76 |

|   |                               |    |
|---|-------------------------------|----|
| 15.19                                     | Trustee Not Bound to Act..... | 76 |
| 15.20                                     | Privacy Laws.....             | 76 |
| 15.21                                     | Force Majeure.....            | 77 |
| ARTICLE 16 SUPPLEMENTAL INDENTURES .....  |                               | 77 |
| 16.1                                      | Supplemental Indentures.....  | 77 |
| ARTICLE 17 EXECUTION AND FORMAL DATE..... |                               | 78 |
| 17.1                                      | Execution .....               | 78 |
| 17.2                                      | Formal Date .....             | 78 |

**THIS INDENTURE** is made as of October 27, 2021

**BETWEEN:**

**QUARTERHILL INC.**, a corporation existing under the laws of Canada  
(hereinafter called the “**Corporation**”)

- and -

**COMPUTERSHARE TRUST COMPANY OF CANADA**, a trust company existing  
under the laws of Canada  
(hereinafter called the “**Trustee**”).

**RECITALS:**

- A.** The Corporation, under its constating documents and the laws relating to the Corporation, is duly authorized to create and issue the Debentures to be issued as herein provided.
- B.** When certified by the Trustee and issued as provided in this Indenture, all necessary steps in relation to the Corporation will have been duly enacted, passed and/or confirmed and other proceedings taken and conditions complied with to make the creation and issue of the Debentures proposed to be issued hereunder legal, valid and binding on the Corporation in accordance with the Corporation’s constating documents and the laws relating to the Corporation.
- C.** The foregoing recitals are made as representations and statements of fact by the Corporation and not by the Trustee.

**NOW THEREFORE** in consideration of the premises, covenants and agreements contained herein and for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged by the parties, the parties hereby covenant, agree and declare as follows:

**ARTICLE 1  
INTERPRETATION**

**1.1 Definitions**

In this Indenture and in the Debentures, unless there is something in the subject matter or context inconsistent therewith, the following expressions shall have the following meanings:

“**90% Redemption Right**” has the meaning ascribed thereto in **Section 2.4(k)(vi)**;

“**90% Redemption Right Notice**” has the meaning ascribed thereto in **Section 2.4(k)(vi)**;

“**Acceptance Notice**” has the meaning ascribed thereto in **Section 2.4(k)(iii)**;

“**Additional Debentures**” means Debentures of any one or more series, other than the first series of Debentures, being the Initial Debentures, issued under this Indenture;

“**Affiliate**” has the meaning ascribed to it in the *Securities Act* (Ontario);

“**Applicable Securities Legislation**” means applicable securities laws in each of the provinces and territories of Canada and the respective regulations and rules made under these securities laws together with applicable policy statements, blanket orders and rulings of, and all applicable discretionary orders or rulings, if any, granted to the Corporation by, the applicable securities commission or regulatory authority in each such province or territory, together with applicable published policy statements and instruments of the Canadian Securities Administrators, as the case may be;

“**Auditors of the Corporation**” means Ernst & Young LLP, or such other independent firm of chartered accountants duly appointed as auditors of the Corporation;

“**Authorized Investments**” means short term interest bearing or discount debt obligations issued or guaranteed by the Government of Canada or a Province of Canada or a Canadian chartered bank (which may include an Affiliate or related party of the Trustee) **provided**, however, that such obligation is rated at least “R1 (middle)” by DBRS Limited or an equivalent rating service;

“**Beneficial Debentureholder**” means any Person who holds a beneficial interest in a Global Debenture as shown on the books of the Depository or a Participant;

“**Board**” means the Board of Directors of the Corporation as it is constituted from time to time;

“**Business Day**” means any day other than a Saturday, Sunday or statutory holiday on which Schedule I Canadian chartered banks are open for business in Ottawa, Ontario;

“**Cash Change of Control**” means a Change of Control in which 10% or more of the consideration for the Common Shares in the transaction or transactions constituting a Change of Control consists of: (i) cash; (ii) equity securities that are not traded or intended to be traded immediately following such transactions on a stock exchange, or (iii) other property that is not traded or intended to be traded immediately following such transactions on a stock exchange;

“**Change of Control**” means: (i) the acquisition by any Person, or group of Persons acting jointly or in concert (within the meaning of Multilateral Instrument 62-104 – *Take-Over Bids and Issuer Bids*), of voting control or direction of an aggregate of 50% or more of the outstanding Common Shares; or (ii) the sale of all or substantially all of the assets of the Corporation, but shall not include a sale, merger, reorganization, arrangement, combination or other similar transaction if the previous holders of Common Shares hold at least 50% of the voting control or direction in such merged, reorganized, arranged, combined or other continuing entity (and in the case of a sale of all or substantially all of the assets, in the entity which has acquired such assets) immediately following the completion of such transaction;

“**Change of Control Notice**” has the meaning ascribed thereto in **Section 2.4(k)(i)**;

“**Change of Control Purchase Date**” has the meaning ascribed thereto in **Section 2.4(k)(v)**;

“**Change of Control Purchase Offer**” has the meaning ascribed thereto in **Section 2.4(k)(i)**;

“**Common Shares**” means common shares of the Corporation designated as “Common Shares” and having the rights and attributes set out in the Corporation’s constating documents; **provided**, however, that in the event of a change or a subdivision, redivision, reduction, combination or consolidation thereof, any reclassification, capital reorganization, consolidation, amalgamation, arrangement, merger, sale or conveyance or liquidation, dissolution or winding-up, or such successive changes, subdivisions, redivisions, reductions, combinations or consolidations, reclassifications, capital reorganizations, consolidations, amalgamations, arrangements, mergers, sales or

conveyances or liquidations, dissolutions or windings-up, then, subject, in the case of Common Shares, to adjustments, if any, having been made in accordance with the provisions of **Section 6.4**, “Common Shares” shall mean the Common Shares or other securities or property resulting from such change, subdivision, redivision, reduction, combination or consolidation or reclassification, capital reorganization, consolidation, amalgamation, arrangement, merger, sale or conveyance or liquidation, dissolution or winding-up;

“**Common Share Bid Request**” means a request for bids to purchase Common Shares (which Common Shares are to be issued by the Corporation on the Common Share Delivery Date) in accordance with the Common Share Interest Payment Election Notice which shall make the acceptance of any bid conditional upon the acceptance of sufficient bids to result in aggregate proceeds from such issue and sale of Common Shares which, together with the cash payments by the Corporation, if any, equal to the amount payable pursuant to the applicable Interest Obligation;

“**Common Share Delivery Date**” means a date not less than one Business Day prior to the applicable Interest Payment Date, upon which Common Shares are issued by the Corporation and delivered to the Trustee for sale pursuant to Common Share Purchase Agreements;

“**Common Share Interest Payment Election**” means an election by the Corporation to issue and deliver sufficient Common Shares to the Trustee for sale in order to raise funds to satisfy all or part of an Interest Obligation on the applicable Interest Payment Date in the manner described in the Common Share Interest Payment Election Notice;

“**Common Share Interest Payment Election Amount**” means the sum of the amount of the aggregate proceeds resulting from the sale of Common Shares on the Common Share Delivery Date pursuant to acceptable bids obtained pursuant to the Common Share Bid Requests, together with any amount paid by the Corporation in respect of fractional Common Shares pursuant to **Section 10.1(g)** or otherwise paid in cash, that is equal to the aggregate amount payable pursuant to the Interest Obligation in respect of which the Common Share Interest Payment Election Notice was delivered;

“**Common Share Interest Payment Election Notice**” means a written notice made by the Corporation to the Trustee specifying:

- (a) the Interest Obligation to which the election relates;
- (b) the Common Share Interest Payment Election Amount; and
- (c) the investment banks, brokers or dealers through which the Trustee shall facilitate bids to purchase the Common Shares on behalf of the Corporation and the conditions of such bids, which may include the minimum number of Common Shares, minimum price per Common Share, timing for closing for bids and such other matters as the Corporation may specify;

“**Common Share Purchase Agreement**” means an agreement in customary form among the Corporation and the Persons making acceptable bids pursuant to a Common Share Bid Request, which complies with all applicable laws, including the Applicable Securities Legislation and the rules and regulations of any stock exchange on which the Debentures or Common Shares are then listed;

“**Common Share Proceeds Investment**” has the meaning ascribed thereto in **Section 10.1(h)**;

“**Common Share Redemption Right**” has the meaning ascribed thereto in **Section 4.6(a)**;

“**Common Share Repayment Right**” has the meaning ascribed thereto in **Section 4.10(a)**;

“**Conversion Price**” means the dollar amount for which each Common Share may be issued from time to time upon the conversion of Debentures or any series of Debentures which are by their terms convertible in accordance with the provisions of **Article 6**, which dollar amount, in the case of the Initial Debentures, is specified in **Section 2.4(g)**;

“**Counsel**” means a barrister or solicitor or firm of barristers or solicitors retained or employed by the Trustee or retained or employed by the Corporation and acceptable to the Trustee;

“**Corporation**” means Quarterhill Inc. and includes any Successor to or of the Corporation;

“**Credit Documents**” has the meaning ascribed thereto in **Section 5.13**;

“**Current Market Price**” means the volume weighted average trading price (as reported by the TSX) per Common Share for the 20 consecutive trading days ending on the fifth trading day immediately preceding the date of determination on the TSX (or, if the Common Shares are not listed thereon, on such stock exchange on which the Common Shares are listed as may be selected by the Board and approved by the Trustee or, if the Common Shares are not listed on any stock exchange, then on the over-the-counter market; **provided** further that if the Common Shares are not then listed on any stock exchange or traded on any over-the-counter market, then the Current Market Price shall be the fair market value of the Common Shares as at such date as determined by an independent Investment Dealer selected by the Corporation);

“**Date of Conversion**” has the meaning ascribed thereto in **Section 6.3(b)**;

“**Debentureholders**” means the Persons for the time being entered in the register for Debentures as registered holders of Debentures or any transferees of such Persons by endorsement or delivery;

“**Debentures**” means the debentures, notes or other evidence of indebtedness of the Corporation issued and certified under this Indenture, or deemed to be issued and certified under this Indenture, including, without limitation, the Initial Debentures, and for the time being outstanding, whether in definitive, global or interim form;

“**Debt Account**” means an account or accounts required to be established by the Corporation, if any, (and which shall be maintained by and subject to the control of the Trustee) for each series of Debentures pursuant to and in accordance with this Indenture;

“**Defeased Debentures**” has the meaning ascribed thereto in **Section 9.6(b)**;

“**Depository**” means, with respect to the Debentures of any series issuable or issued in the form of one or more Global Debentures, the Person designated as depository by the Corporation pursuant to **Section 2.6** until a successor depository shall have become such pursuant to the applicable provisions of this Indenture, and thereafter “**Depository**” shall mean each Person who is then a Depository hereunder, and if at any time there is more than one such Person, “**Depository**” as used with respect to the Debentures of any series shall mean each Depository with respect to the Global Debenture(s) of such series;

“**Designated Office**” means the principal office of the Trustee in Toronto, Ontario;

“**Event of Default**” has the meaning ascribed thereto in **Section 8.1**;

“**Expiry Date**” has the meaning ascribed thereto in **Section 2.4(k)(ii)**;

“**Expiry Time**” has the meaning ascribed thereto in **Section 2.4(k)(ii)**;

“**Extraordinary Resolution**” has the meaning ascribed thereto in **Section 13.12**;

“**Freely Tradeable**” means, in respect of shares of capital of any class of any corporation, shares which: (i) are issuable without the necessity of filing a prospectus or any other similar offering document (other than such prospectus or similar offering document that has already been filed) under Applicable Securities Legislation and such issue does not constitute a distribution (other than a distribution already qualified by prospectus or similar offering document or that is otherwise exempt from prospectus requirements) under Applicable Securities Legislation; and (ii) can be traded by the holder thereof without any restriction under Applicable Securities Legislation, such as hold periods, except in the case of a control distribution (as defined in National Instrument 45-102 - Resale of Securities), or a transaction or series of transactions incidental to a control distribution;

“**Fully Registered Debentures**” means Debentures registered as to both principal and interest;

“**Global Debenture**” means a Debenture that is issued to and registered in the name of the Depository, or its nominee, pursuant to **Section 2.6** for purposes of being held by or on behalf of the Depository as custodian for participants in the Depository’s book-entry only registration system;

“**IFRS**” means International Financial Reporting Standards issued by the International Accounting Standards Board including any accounting standards that may, from time to time, be approved for general application by the Chartered Professional Accountants of Canada;

“**Indenture**”, “**hereto**”, “**herein**”, “**hereby**”, “**hereunder**”, “**hereof**” and similar expressions refer to this Indenture and not to any particular Article, Section, clause, subdivision or other portion hereof and include any and every instrument supplemental or ancillary hereto, as the same may be amended, amended and restated or supplemented from time to time;

“**Initial Debentures**” means the Debentures designated as “6.0% Convertible Unsecured Subordinated Debentures” and described in **Section 2.4**;

“**Interest Obligation**” means the obligation of the Corporation to pay interest on the Debentures, as and when the same becomes due;

“**Interest Payment Date**” means a date specified for a series of Debentures as the date on which an instalment of interest on such Debentures shall become due and payable, which, in the case of the Initial Debentures, is specified in **Section 2.4(b)**;

“**Internal Procedures**” means in respect of the making of any one or more entries to, changes in or deletions of any one or more entries in the register for the registration of Debentures at any time (including without limitation, original issuance or registration of transfer of ownership) the minimum number of the Trustee’s internal procedures customary at such time for the entry, change or deletion made to be complete under the operating procedures followed at the time by the Trustee;

“**Investment Dealer**” means any one of the five largest Canadian investment dealers by capital as determined by the Investment Industry Regulatory Organization of Canada or any successor thereof;

“**Maturity Date**” means the date specified for maturity of any Debentures, which, in the case of the Initial Debentures, is set out in **Section 2.4(c)**;

“**Maturity Notice**” has the meaning ascribed thereto in **Section 2.4(h)**;

“**Offer Price**” has the meaning ascribed thereto in **Section 2.4(k)(i)**;

CAN\_DMS: \141885201\14

“**Offering**” means the public offering by Quarterhill of \$50,000,000 aggregate principal amount of Initial Debentures;

“**Officer’s Certificate**” means a certificate of the Corporation signed by any one authorized officer or director of the Corporation in his or her capacity as an officer or director of the Corporation, as the case may be, and not in his or her personal capacity;

“**Over-Allotment Option**” means the over-allotment granted by the Corporation to the Underwriters pursuant to the Underwriting Agreement to issue up to an additional \$7,500,000 aggregate principal amount of Initial Debentures at any time until 30 days following the closing of the Offering;

“**Participants**” has the meaning ascribed thereto in **Section 2.15(a)**;

“**Person**” means and includes individuals, corporations, limited partnerships, general partnerships, joint stock companies, limited liability companies, joint ventures, associations, companies, trusts, banks, trust companies, pension funds, business trusts or other organizations, whether or not legal entities and governments, governmental agencies and political subdivisions thereof;

“**Property Account**” means a segregated deposit account with a financial institution referred to in **Section 10.1(h)** which shall be established by the Corporation for the benefit of the Trustee in trust for the Debentureholders and shall be maintained by and subject to the control of the Trustee;

“**Prospectus**” means the short form base shelf prospectus of the Corporation dated October 19, 2021, as supplemented by the prospectus supplement dated October 22, 2021;

“**Record Date**” has the meaning ascribed thereto in **Section 2.14**;

“**Redemption Date**” has the meaning ascribed thereto in **Section 4.3**;

“**Redemption Notice**” has the meaning ascribed thereto in **Section 4.3**;

“**Redemption Price**” means, in respect of a Debenture, the amount, excluding interest, payable on the Redemption Date fixed for such Debenture, which amount may be payable by the issuance of Freely Tradeable Common Shares as provided for in **Section 4.6** and, in the case of the Initial Debentures, as determined in **Section 2.4(d)**;

“**Senior Indebtedness**” shall mean any and all indebtedness of the Corporation (other than the Debentures) (whether outstanding on the date of this Indenture or thereafter incurred) and including, for greater certainty and without limitation, any and all mortgages, debentures, charges or other encumbrances or financings in respect of the personal or real property of the Corporation, which in each or all cases by the terms of the instrument creating or evidencing such indebtedness, is not expressed to be *pari passu* with, or subordinate in right of payment to, the Debentures;

“**Subsidiary**” has the meaning ascribed thereto in the *Canada Business Corporations Act*;

“**Successor**” has the meaning ascribed thereto in **Section 11.1**;

“**Tax Act**” means the *Income Tax Act* (Canada), as amended from time to time, and the Income Tax Regulations (Canada), as amended from time to time;

“**Time of Expiry**” means the time of expiry of certain rights with respect to the conversion of Debentures under **Article 6**, such Time of Expiry to be set forth for each series of Debentures which by their terms are to be

convertible and which, in the case of the Initial Debentures, is set forth in **Section 2.4(g)**;

“**Total Offer Price**” has the meaning ascribed thereto in **Section 2.4(k)(i)**;

“**trading day**” means, with respect to the TSX or other exchange or market for securities, any day on which such exchange or market is open for trading or quotation;

“**Trustee**” means Computershare Trust Company of Canada and includes any successor or successors or any other trustee subsequently appointed pursuant to **Section 15.2**;

“**TSX**” means the Toronto Stock Exchange or its successor or successors; and

“**Written Direction of the Corporation**” means an instrument in writing signed by any one officer or director of the Corporation.

## **1.2 Meaning of “Outstanding”**

Every Debenture certified and delivered by the Trustee hereunder shall be deemed to be outstanding until it is cancelled, converted or redeemed or delivered to the Trustee for cancellation, conversion or redemption or moneys or Common Shares or other applicable securities or property, as the case may be, for which the payment of the Debentures shall have been set aside under **Section 9.2, provided**, however, that:

- (a) Debentures which have been partially redeemed, purchased or converted shall be deemed to be outstanding only to the extent of the unredeemed, unpurchased or unconverted part of the principal amount thereof;
- (b) when a new Debenture has been issued in substitution for a Debenture which has been lost, stolen or destroyed, only the new Debenture shall be counted for the purpose of determining the aggregate principal amount of Debentures outstanding; and
- (c) for the purposes of any provision of this Indenture entitling holders of outstanding Debentures to vote, sign consents, requisitions or other instruments or take any other action under this Indenture, or to constitute a quorum at any meeting of Debentureholders, Debentures owned directly or indirectly, legally or equitably, by the Corporation or any Subsidiary of the Corporation shall be disregarded except that:
  - (i) for the purpose of determining whether the Trustee shall be protected in relying on any such vote, consent, requisition or other instrument or action, or on the holders of Debentures present or represented at any meeting of Debentureholders, only the Debentures which the Trustee knows are so owned shall be so disregarded; and
  - (ii) Debentures so owned which have been pledged in good faith other than to the Corporation or a Subsidiary of the Corporation shall not be so disregarded if the pledgee shall establish to the satisfaction of the Trustee the pledgee’s right to vote such Debentures, sign consents, requisitions or other instruments or take such other actions in its discretion free from the control of the Corporation or a Subsidiary of the Corporation.
- (d) The Corporation shall, forthwith following a request in writing from the Trustee, provide the Trustee with an Officer’s Certificate confirming the principal amount of outstanding Debentures owned directly or indirectly, legally or equitably, by the Corporation and each Subsidiary of the Corporation.

## **1.3 Rules of Interpretation**

In this Indenture:

- (a) Words importing the singular number or masculine gender shall include the plural number or the feminine or neuter genders, and vice versa.
- (b) All references to Articles, Sections, clauses and Schedules refer, unless otherwise specified, to articles, sections, clauses and schedules of this Indenture.
- (c) Words and terms denoting inclusiveness (such as “include” or “includes” or “including”), whether or not so stated, are not limited by and do not imply limitation of their context or the words or phrases which precede or succeed them.
- (d) The division of this Indenture into Articles and Sections, the provision of a Table of Contents and the insertion of headings are for convenience of reference only and shall not affect the construction or interpretation of this Indenture or of the Debentures.
- (e) In the event that any day on or before which any action required to be taken hereunder is not a Business Day, then such action shall be required to be taken on or before the requisite time on the next succeeding day that is a Business Day.
- (f) This Indenture and the Debentures shall be construed in accordance with the laws of the Province of Ontario and the laws of Canada applicable therein and shall be treated in all respects as Ontario contracts.
- (g) Whenever any amount of money is referred to herein, such amount shall be deemed to be in lawful money of Canada unless otherwise expressed.
- (h) Any provision hereof which is prohibited or unenforceable shall be ineffective only to the extent of such prohibition or unenforceability, without invalidating the remaining provisions hereof.

#### **1.4 Language**

Each of the parties hereto hereby acknowledges that it has consented to and requested that this Indenture and all documents relating thereto, including, without limiting the generality of the foregoing, the form of Initial Debenture attached hereto as **Schedule A**, be drawn up in the English language only. *Chacune des parties aux présentes reconnaît qu'elle a demandé que la présente convention et tous les documents s'y rattachant, notamment le texte des débentures joint aux présentes à titre d'annexe A, soient rédigés en anglais seulement.*

#### **1.5 Successors and Assigns**

All covenants and agreements in this Indenture by the Corporation shall bind its Successors and assigns, whether expressed or not.

#### **1.6 Benefits of Indenture**

Nothing in this Indenture or in the Debentures, express or implied, shall give to any Person, other than the parties hereto and their successors hereunder, any paying agent, the holders of Debentures (and each such Person who becomes a holder of Debentures), the Board and, to the extent provided in **Section 1.7**, the holders of Common Shares, any benefit or any legal or equitable right, remedy or claim under this Indenture.

#### **1.7 No Recourse Against Trustees and Others**

Notwithstanding any other provision of this Indenture, no holder of Common Shares or annuitant or beneficiary of a trust governed by a registered retirement savings plan, registered retirement income fund, registered education savings plan, deferred profit sharing plan, registered disability savings plan or tax-free savings account shall be held to have any personal liability as such, and no resort shall be had to, nor shall recourse or satisfaction be sought from, the private property of any holder of Common Shares or such annuitant or beneficiary for any liability whatsoever, in tort, contract or otherwise, to any Person in connection with the Corporation's property or the affairs of the Corporation, including for satisfaction of any obligation or claim arising out of or in connection with any contract or obligation of the Corporation or of the Board or any obligation which a holder of Common Shares or such annuitant or beneficiary would otherwise have to indemnify a director of the Corporation for any personal liability incurred by the director as such ("**Corporation Liability**"), but rather the assets of the Corporation from time to time only are intended to be liable and subject to levy or execution for satisfaction of such Corporation Liability. Each holder of Common Shares and such annuitant or beneficiary shall be entitled to be reimbursed out of the assets of the Corporation in respect of any payment of such Corporation Liability made by such holder of Common Shares, such annuitant or beneficiary.

### **1.8 Immunity of Trustees and Others**

The Debentureholders and the Trustee hereby waive and release any right, cause of action or remedy now or hereafter existing in any jurisdiction against any past, present or future officer, director, employee and agent or holder of Common Shares or of any successor or any of them or any of their respective directors, officers, employees and agents in their personal capacity for the payment of the principal of, premium, if any, or interest on any of the Debentures or on any covenant, agreement, representation or warranty by the Corporation herein or in the Debentures contained, but rather the assets of the Corporation from time to time only shall be liable and subject to any levy or execution for satisfaction for the payment of the principal of, premium, if any, or interest on any of the Debentures or on any covenant, agreement, representation or warranty by the Corporation contained herein or in the Debentures.

### **1.9 Calculations.**

The Corporation shall be responsible for making all calculations called for hereunder, including calculations of Current Market Price. The Corporation shall make such calculations in good faith and, absent manifest error, the Corporation's calculations shall be final and binding on Debentureholders and the Trustee. The Corporation will provide a schedule of its calculations to the Trustee and the Trustee shall be entitled to rely conclusively on the accuracy of such calculations without independent verification.

### **1.10 Schedules**

The following Schedules form part of this Indenture:

|                   |   |                           |
|-------------------|---|---------------------------|
| <b>Schedule A</b> | - | Form of Initial Debenture |
| <b>Schedule B</b> | - | Form of Redemption Notice |
| <b>Schedule C</b> | - | Form of Maturity Notice   |

## **ARTICLE 2 THE DEBENTURES**

### **2.1 Limit of Debentures**

Subject to the limitation in respect of the Initial Debentures set out in **Section 2.4(a)**, the aggregate principal amount of Debentures authorized to be issued under this Indenture is unlimited; **provided**, however that Debentures may be issued only upon and subject to the conditions and limitations herein set forth.

## 2.2 Terms of Debentures of any Series

The Debentures may be issued in one or more series. There shall be established herein or in or pursuant to one or more indentures supplemental hereto, prior to the initial issuance of Debentures of any particular series:

- (a) the designation of the Debentures of the series (which need not include the term “Debentures”), which shall distinguish the Debentures of the series from the Debentures of all other series;
- (b) any limit upon the aggregate principal amount of the Debentures of the series that may be certified and delivered under this Indenture (except for Debentures certified and delivered upon registration of, transfer of, amendment of, or in exchange for, or in lieu of, other Debentures of the series pursuant to **Sections 2.9, 2.10, 3.2, 3.5 and 3.8**);
- (c) the date or dates on which the principal of the Debentures of the series is payable;
- (d) the rate or rates at which the Debentures of the series shall bear interest, if any, the date or dates from which such interest shall accrue, on which such interest shall be payable and on which a record, if any, shall be taken for the determination of holders to whom such interest shall be payable and/or the method or methods by which such rate or rates or date or dates shall be determined;
- (e) the place or places where the principal of and any interest on Debentures of the series shall be payable, the manner of such payment, and where any Debentures of the series may be surrendered for registration of transfer or exchange;
- (f) the right, if any, of the Corporation to redeem Debentures of the series, in whole or in part, at its option and the period or periods within which, the price or prices at which and any terms and conditions upon which, Debentures of the series may be so redeemed, pursuant to any sinking fund or otherwise, in whole or in part;
- (g) the obligation, if any, of the Corporation to redeem, purchase or repay Debentures of the series pursuant to any mandatory redemption, sinking fund or analogous provisions, in whole or in part, or at the option of a holder thereof and the price or prices at which, the period or periods within which, the date or dates on which, and any terms and conditions upon which, Debentures of the series shall be redeemed, purchased or repaid, in whole or in part, pursuant to such obligations;
- (h) if other than denominations of \$1,000 and any integral multiple thereof, the denominations in which Debentures of the series shall be issuable;
- (i) subject to the provisions of this Indenture, any trustees, depositories, authenticating or paying agents, transfer agents or registrars or any other agents with respect to the Debentures of the series;
- (j) any additional events of default or covenants with respect to the Debentures of the series;
- (k) whether and under what circumstances the Debentures of the series will be convertible into or exchangeable, in whole or in part, for securities of any Person;
- (l) the form and terms of the Debentures of the series;
- (m) if applicable, that the Debentures of the series shall be issuable in whole or in part as one or more Global Debentures and, in such case, the Depository or Depositories for such Global Debentures in whose name the Global Debentures will be registered, and any circumstances other than or in addition to those set forth

in **Section 2.9** or **3.2** or those applicable with respect to any specific series of Debentures, as the case may be, in which any such Global Debenture may be exchanged in whole or in part, for Fully Registered Debentures, or transferred, in whole or in part, to and registered in the name of a Person other than the Depository for such Global Debentures or a nominee thereof;

- (n) if other than Canadian currency, the currency in which the Debentures of the series are issuable;
- (o) any other terms of the Debentures of the series (which terms shall not be inconsistent with the provisions of this Indenture); and
- (p) any stock exchange on which the series of the Debentures may be listed at the time of issuance.

All Debentures of any one series shall be substantially identical, except as may otherwise be established herein or by or pursuant to a resolution of the Board, an Officer's Certificate or an indenture supplemental hereto. All Debentures of any one series need not be issued at the same time and may be issued from time to time, consistent with the terms of this Indenture, if so provided herein, by or pursuant to such resolution of the Board, Officer's Certificate or in an indenture supplemental hereto.

### **2.3 Form of Debentures**

Except in respect of the Initial Debentures, the form of which is provided for herein, the Debentures of each series shall be substantially in such form or forms (not inconsistent with this Indenture) as shall be established herein or by or pursuant to one or more resolutions of the Board (as set forth in a resolution of the Board or to the extent established pursuant to rather than set forth in a resolution of the Board, in an Officer's Certificate detailing such establishment) or in one or more indentures supplemental hereto, in each case with such appropriate insertions, omissions, substitutions and other variations as are required or permitted by this Indenture and may have imprinted or otherwise reproduced thereon such legend or legends or endorsements, not inconsistent with the provisions of this Indenture, as may be required to comply with any applicable law or with any rules or regulations pursuant thereto or with any rules or regulations of any securities exchange or securities regulatory authority or to conform to general usage, all as may be determined by the Board executing such Debentures, as conclusively evidenced by their execution of such Debentures.

### **2.4 Form and Terms of Initial Debentures**

- (a) The first series of Debentures (the "**Initial Debentures**") authorized for issue immediately is limited to an aggregate principal amount of \$57,500,000, which includes the Initial Debentures issued pursuant to the exercise of the Over-Allotment Option and shall be designated as "6.0% Convertible Unsecured Subordinated Debentures".
- (b) The Initial Debentures, including the Initial Debentures issued pursuant to the Over-Allotment Option, shall be dated as of October 27, 2021, regardless of their actual date of issue, and shall bear interest from October 27, 2021 at the rate of 6.0% per annum, payable in equal semi-annual payments on April 30 and October 31 in each year, commencing on April 30, 2022, which first interest payment date shall include accrued and unpaid interest for the period from and including October 27, 2021 to but excluding such first interest payment date, payable after as well as before maturity and after as well as before default, with interest on amounts in default at the same rate, compounded semi-annually and calculated based on a 365-day year, and the last interest payment shall fall due on October 30, 2026. For certainty, the first interest payment will include interest accrued from and including October 27, 2021 to, but excluding, April 30, 2022, which will be equal to \$30.411 for each \$1,000 principal amount of Initial Debentures.
- (c) The Initial Debentures shall mature on October 30, 2026.

- (d) The Initial Debentures will be redeemable by the Corporation in accordance with the terms of **Article 4, provided**, however, that the Initial Debentures will not be redeemable before October 31, 2024, except in the event of the satisfaction of certain conditions after a Change of Control has occurred as outlined herein. On and after October 31, 2024 and prior to October 31, 2025, the Initial Debentures may be redeemed, in whole at any time, or in part from time to time, at the option of the Corporation on notice as provided for in **Section 4.3** at a Redemption Price for the Initial Debentures equal to their principal amount provided that the Current Market Price immediately preceding the date on which such notice of redemption is given is not less than 125% of the Conversion Price and the Corporation shall have provided to the Trustee an Officer's Certificate confirming such Current Market Price. On or after October 31, 2025 and prior to the Maturity Date, the Debentures may be redeemed in whole or in part at the option of the Corporation on not more than 60 days' and not less than 30 days' prior notice at a price equal to their principal amount. The Redemption Notice for the Initial Debentures shall be in the form of **Schedule B**. Holders of the Initial Debentures being redeemed shall be entitled to receive, in addition to the Redemption Price, accrued and unpaid interest in respect thereof for the period up to but excluding the Redemption Date from and including the latest Interest Payment Date.
- (e) The Initial Debentures will be subordinated to the Senior Indebtedness of the Corporation in accordance with the provisions of **Article 5; provided**, however, that nothing contained in this Indenture shall in any way or manner restrict the Corporation or any of its Subsidiaries from incurring, directly or indirectly, any additional indebtedness, including indebtedness that ranks senior to the Debentures, or from mortgaging, pledging or charging real or personal property or properties of the Corporation or its Subsidiaries to secure any indebtedness. The Initial Debentures will rank *pari passu* in right of payment of principal and interest with all other unsecured indebtedness of the Corporation.
- (f) The Initial Debentures will, effective as of the issue date thereof, be listed and posted for trading on the TSX and the Corporation will take all reasonable steps to cause such listing to be maintained so long as any such Initial Debentures remain outstanding and to maintain its status as a reporting issuer (or the equivalent thereof) not in default of Applicable Securities Legislation.
- (g) Upon and subject to the provisions and conditions of **Section 3.7(a)** and **Article 6**, the holder of each Initial Debenture shall have the right, at such holder's option, at any time prior to 5:00 p.m. (Toronto time) on the earlier of the last Business Day immediately preceding the Maturity Date of the Initial Debentures and the last Business Day immediately preceding the date fixed by the Corporation for redemption of the Initial Debentures by notice to the holders of Initial Debentures in accordance with **Sections 2.4(d)** and **4.3** (the earlier of which will be the "**Time of Expiry**" for the purposes of **Article 6** in respect of the Initial Debentures), to convert the whole or, in the case of a Debenture of a denomination in excess of \$1,000, any part which is \$1,000 or an integral multiple thereof, of the principal amount of such Debenture into Freely Tradeable Common Shares at the Conversion Price for the Initial Debentures in effect on the Date of Conversion.

The Conversion Price for the Initial Debentures in effect on the date hereof for each Common Share to be issued upon the conversion of Initial Debentures shall be equal to \$3.80 such that approximately 263 Common Shares shall be issued for each \$1,000 principal amount of Initial Debentures so converted. No adjustment to the Conversion Price will be made for distributions or dividends on Common Shares issuable on conversion or for interest accrued on the Initial Debentures surrendered for conversion; **provided**, however, that holders converting their Initial Debentures shall be entitled to receive, in addition to the applicable number of Freely Tradeable Common Shares, accrued and unpaid interest in respect thereof for the period from and including the last Interest Payment Date (or the date hereof, if no interest has yet been paid on the Initial Debentures) to but excluding the Date of Conversion. The Conversion Price applicable to, and the Common Shares, securities or other property receivable on the conversion of the Initial Debentures, is subject to adjustment pursuant to the provisions of **Section 6.4**.

- (h) On redemption or on maturity of the Initial Debentures, the Corporation may, at its option and subject to the provisions of **Section 4.6**, **Section 4.10** and **Section 7.8**, as applicable, and subject to regulatory approval, if required, elect to satisfy its obligation to pay the principal amount of the Initial Debentures, in whole or in part, by issuing and delivering Freely Tradeable Common Shares to the holders of Initial Debentures. If the Corporation elects to exercise such option, it shall deliver a Redemption Notice or a maturity notice (the “**Maturity Notice**”), as the case may be, to the holders of the Initial Debentures in the form of **Schedule B** or **Schedule C**, as applicable.
- (i) The Initial Debentures shall be issued as one or more Global Debentures in denominations of \$1,000 and integral multiples of \$1,000 and the Trustee is hereby appointed as registrar and transfer agent for the Initial Debentures. Each Initial Debenture and the certificate of the Trustee endorsed thereon shall be issued in substantially the form set out in **Schedule A**, with such insertions, omissions, substitutions or other variations as shall be required or permitted by this Indenture and may have imprinted or otherwise reproduced thereon such legend or legends or endorsements, not inconsistent with the provisions of this Indenture, as may be required to comply with any law or with any rules or regulations pursuant thereto or with any rules or regulations of any securities exchange or securities regulatory authority or to conform with general usage, all as may be determined by the representative of the Corporation executing such Global Debentures in accordance with **Section 2.7**, as conclusively evidenced by its execution of a Global Debenture. Each Initial Debenture shall additionally bear such distinguishing letters and numbers as the Trustee shall approve. Notwithstanding the foregoing, an Initial Debenture may be in such other form or forms as may, from time to time, be approved by a resolution of the Board or as specified in an Officer’s Certificate. The Initial Debentures may be engraved, lithographed, printed, mimeographed or typewritten or partly in one form and partly in another.
- (j) Upon and subject to the provisions and conditions of **Article 10**, the Corporation may elect, from time to time, to issue and solicit bids to sell sufficient Freely Tradeable Common Shares in order to raise funds to satisfy its Interest Obligation, in whole or in part, on the Initial Debentures on any Interest Payment Date.
- (k) Within 30 days following the occurrence of a Change of Control, and subject to the provisions and conditions of this **Section 2.4(k)**, the Corporation shall be obligated to offer to purchase all of the Initial Debentures then outstanding. The terms and conditions of such obligation are set forth below:
  - (i) Within 30 days following the occurrence of a Change of Control, the Corporation shall deliver to the Trustee, and the Trustee shall promptly deliver to the holders of the Initial Debentures, a notice in writing stating that there has been a Change of Control and specifying the date on which such Change of Control occurred and the circumstances or events giving rise to such Change of Control (a “**Change of Control Notice**”) together with an offer in writing (the “**Change of Control Purchase Offer**”) to purchase, on the Change of Control Purchase Date (as defined below), all (or any portion actually tendered to such offer) of the Initial Debentures then outstanding from the holders thereof made in accordance with the requirements of Applicable Securities Legislation at a price per Initial Debenture equal to 100% of the principal amount thereof (the “**Offer Price**”) plus accrued and unpaid interest on such Initial Debentures up to, but excluding, the Change of Control Purchase Date (collectively, the “**Total Offer Price**”). If such Change of Control Purchase Date is after a record date for the payment of interest on the Initial Debentures but on or prior to an Interest Payment Date, then the interest payable on such date will be paid to the holder of record of the Debentures on the relevant record date.
  - (ii) The Change of Control Purchase Offer shall specify the date (the “**Expiry Date**”) and time (the “**Expiry Time**”) on which the Change of Control Purchase Offer shall expire, which date and time shall not, unless otherwise required by Applicable Securities Legislation, be earlier than the close of business on the 35th day and not later than the close of business on the 60th day

following the date on which such Change of Control Purchase Offer is delivered or mailed by or on behalf of the Trustee as provided above.

- (iii) The Change of Control Purchase Offer shall specify that the Change of Control Purchase Offer may be accepted by the holders of Initial Debentures by tendering the Initial Debentures so held by them to the Trustee at its principal office in Toronto, Ontario at or before the Expiry Time together with an acceptance notice (the “**Acceptance Notice**”) in form and substance acceptable to the Trustee, as attached to the Change of Control Purchase Offer delivered to the Debentureholders.
- (iv) The Change of Control Purchase Offer shall state that holders of Initial Debentures may accept the Change of Control Purchase Offer in respect of all or a portion (in a minimum amount of \$1,000 principal amount and multiples thereof) of their Initial Debentures.
- (v) The Change of Control Purchase Offer shall specify a date (the “**Change of Control Purchase Date**”) no later than the third Business Day following the Expiry Date on which the Corporation shall take up and pay for all Debentures duly tendered by Debentureholders in acceptance of the Change of Control Purchase Offer.
- (vi) If 90% or more in aggregate principal amount of Initial Debentures outstanding on the date the Corporation provides the Change of Control Notice and the Change of Control Purchase Offer to holders of the Initial Debentures have been tendered for purchase pursuant to an Acceptance Notice pursuant to the Change of Control Purchase Offer on the expiration thereof, the Corporation has the right upon written notice (the “**90% Redemption Right Notice**”) provided to the Trustee within ten days following the expiration of the Change of Control Purchase Offer, to redeem all the Initial Debentures remaining outstanding on the expiration of the Change of Control Purchase Offer at the Total Offer Price as at the Change of Control Purchase Date (the “**90% Redemption Right**”).
- (vii) Upon receipt of the 90% Redemption Right Notice, the Trustee shall promptly provide written notice to each Debentureholder that did not previously accept the Change of Control Purchase Offer that:
  - (A) the Corporation has exercised the 90% Redemption Right and is purchasing all outstanding Initial Debentures effective on the expiry of the Change of Control Purchase Offer at the Total Offer Price, and shall include a calculation of the amount payable to such holder as payment of the Total Offer Price as at the Change of Control Purchase Date;
  - (B) each such holder must tender their Initial Debentures to the Trustee on the same terms as those holders that accepted the Change of Control Purchase Offer and must send their respective Initial Debentures, duly endorsed for transfer, to the Trustee within ten days after the sending of such notice; and
  - (C) the rights of such holder under the terms of the Initial Debentures and this Indenture cease to be effective as of the date of expiry of the Change of Control Purchase Offer **provided**, however, that the Corporation has, on or before the date on which the Corporation delivers the 90% Redemption Right Notice to the Trustee, paid the Total Offer Price to, or to the order of, the Trustee and thereafter the Initial Debentures shall not be considered to be outstanding and the holder shall not have any right except to receive such holder’s Total Offer Price upon surrender and delivery of such holder’s Initial

Debentures in accordance with the Indenture.

- (viii) The Corporation shall, on or before 11:00 a.m., Toronto time, on the Business Day immediately prior to the date the Corporation delivers the 90% Redemption Right Notice, deposit with the Trustee or any paying agent to the order of the Trustee, such sums of money as may be sufficient to pay the Total Offer Price of the Initial Debentures to be purchased or redeemed by the Corporation on the Change of Control Purchase Date (less any tax required by law to be withheld), **provided**, however, that the Corporation may elect to satisfy this requirement by providing the Trustee with a certified cheque or wire transfer for such amounts required under this **Section 2.4(k)(v)** post-dated to the date of expiry of the Change of Control Purchase Offer. The Corporation shall also deposit with the Trustee a sum of money sufficient to pay any charges or expenses which may be incurred by the Trustee in connection with such purchase. Every such deposit shall be irrevocable. From the sums so deposited, the Trustee shall pay or cause to be paid to the holders of such Initial Debentures, the Total Offer Price to which they are entitled (less any tax required by law to be withheld) on the Corporation's purchase.
- (ix) In the event only a portion of the principal amount of a Debenture is tendered by a holder thereof in acceptance of the Change of Control Purchase Offer, the Corporation shall (i) in the case of a certificated Debenture (other than a Global Debenture), execute and deliver to the Trustee and the Trustee shall certify and deliver to such holder, without charge to such holder, a certificate representing the principal amount of the Debenture not so tendered in acceptance of the Change of Control Purchase Offer or (ii) in the case of a Global Debenture, the Trustee shall make notations on such Global Debenture of the principal amount thereof so tendered or otherwise comply with its Internal Procedures.
- (x) Initial Debentures for which holders have accepted the Change of Control Purchase Offer and Initial Debentures which the Corporation has elected to redeem in accordance with this **Section 2.4(k)** shall become due and payable at the Total Offer Price on the Change of Control Purchase Date, in the same manner and with the same effect as if it were the date of maturity specified in such Initial Debentures, anything therein or herein to the contrary notwithstanding, and from and after the Change of Control Purchase Date, if the money necessary to purchase or redeem, or the Common Shares necessary to purchase or redeem, the Initial Debentures shall have been deposited as provided in this **Section 2.4(k)** and affidavits or other proofs satisfactory to the Trustee as to the publication and/or mailing of such notices shall have been lodged with it, interest on the Initial Debentures shall cease. If any question shall arise as to whether any notice has been given as above provided and such deposit made, such question shall be decided by the Trustee whose decision shall be final and binding upon all parties in interest.
- (xi) In case the holder of any Initial Debenture to be purchased or redeemed in accordance with this **Section 2.4(k)** shall fail on or before the Change of Control Purchase Date to so surrender such holder's Initial Debenture or shall not within such time accept payment of the monies payable, to take delivery of certificates representing such Common Shares issuable in respect thereof, or give such receipt therefor, if any, as the Trustee may require, such monies may be set aside in trust, or such certificates may be held in trust, without interest, either in the deposit department of the Trustee or in a chartered bank, and such setting aside shall for all purposes be deemed a payment to the Debentureholder of the sum or the Common Shares so set aside and the Debentureholder shall have no other right except to receive payment of the monies so paid and deposited, or take delivery of the certificates so deposited, or both, upon surrender and delivery of such holder's Initial Debenture. In the event that any money or certificates representing Common Shares required to be deposited hereunder with the Trustee or any depository or paying agent on account of principal, premium, if any, or interest, if any, on Initial Debentures issued hereunder shall

remain so deposited for a period of six years from the Change of Control Purchase Date, then such monies, or certificates representing Common Shares, together with any accumulated interest thereon, or any distributions paid thereon, shall at the end of such period be paid over or delivered over by the Trustee or such depository or paying agent to the Corporation and the Trustee shall not be responsible to Debentureholders for any amounts owing to them.

- (xii) Subject to the provisions above related to Initial Debentures purchased in part, all Initial Debentures redeemed and paid under this **Section 2.4(k)** shall forthwith be delivered to the Trustee and cancelled and no Initial Debentures shall be issued in substitution therefor.
- (l) In addition to the requirements of **Section 2.4(k)** in respect of a Change of Control, upon the occurrence of a Cash Change of Control, then subject to regulatory approval, during the period beginning ten (10) trading days before the anticipated date on which the Change of Control becomes effective and ending on the date which is 30 days following the date upon which the Trustee delivers a Change of Control Notice, holders of Debentures will be entitled to convert their Debentures at a new conversion price (the “**Change of Control Conversion Price**”) instead of the Conversion Price. The Change of Control Conversion Price will be calculated as follows:

$COCCP = ECP / (1 + (CP \times (c/t)))$  where:

**COCCP** is the Change of Control Conversion Price;

**ECP** is the Conversion Price in effect on the date on which the Cash Change of Control becomes effective;

**CP** (conversion premium) = 34.7%;

**c** = the number of days from and including the date on which the Cash Change of Control becomes effective to but excluding October 31, 2025; and

**t** = the number of days from and including October 27, 2021 to but excluding October 31, 2025.

In the event that the Change of Control Conversion Price calculated in accordance with the formula above is less than any discount to market price permitted by securities regulators, the Change of Control Conversion Price shall be deemed to be that implied by the maximum permitted discount to market price.

Notwithstanding the foregoing, in no event will the total number of Common Shares issuable upon conversion of the Initial Debentures exceed 355 Common Shares per \$1,000 principal amount of Initial Debentures, subject to adjustments in the same manner as the Conversion Price as set forth under Section 6.4. For certainty, all calculations required to be made for the purposes of this Section 2.4(l) shall be made by the Corporation and the Corporation shall provide the Trustee with an Officers’ Certificate setting forth a summary of such calculations, which Officers’ Certificate may be relied on by both the Trustee and the holders of Initial Debentures; and the Corporation hereby further agrees that, if so requested by the Trustee, the Corporation shall also furnish to the Trustee all such additional information regarding such calculations as the Trustee may reasonably request.

- (m) The Trustee shall be provided with the documents and instruments referred to in **Sections 2.5(b), 2.5(c) and 2.5(d)** with respect to the Initial Debentures, *mutatis mutandis*, prior to the issuance of the Initial Debentures.
- (n) In the event that the Prospectus or any amendment thereto, contains a misrepresentation (as defined under CAN\_DMS: \141885201\14

Applicable Securities Legislation), original purchasers of the Initial Debentures that have exercised the conversion privilege described herein and converted their Initial Debentures into Common Shares will have a contractual right of rescission against the Corporation entitling them to receive from the Corporation, upon surrender to the Corporation of the Common Shares issued upon such conversion, the amount paid for such Initial Debentures, provided that such right of rescission is exercised within 180 days of the date of purchase of the Initial Debentures under the Prospectus. The foregoing contractual right of rescission shall be subject to the defences available to the Corporation under applicable laws, rules and instruments. No action shall be commenced to enforce the foregoing right of rescission more than 180 days after the date of purchase of the Initial Debentures under the Prospectus. For greater certainty, the Trustee shall bear no responsibility or obligation whatsoever to determine the value or the amount to be paid relating to any such contractual right of rescission and shall not be construed as approving the amounts paid relating to any such contractual right of rescission.

## **2.5 Certification and Delivery of Additional Debentures**

The Corporation may from time to time request the Trustee to certify and deliver Additional Debentures of any series by delivering to the Trustee the documents referred to below in this **Section 2.5** whereupon the Trustee shall certify such Additional Debentures and cause the same to be delivered in accordance with the Written Direction of the Corporation referred to below or pursuant to such procedures acceptable to the Trustee as may be specified from time to time by a Written Direction of the Corporation. The maturity date, issue date, interest rate (if any) and any other terms of the Additional Debentures of such series shall be set forth in or determined by or pursuant to such Written Direction of the Corporation and procedures. In certifying such Additional Debentures, the Trustee shall be entitled to receive and shall be fully protected in acting and relying upon, unless and until such documents have been superseded or revoked:

- (a) an Officer's Certificate and/or an executed supplemental indenture by or pursuant to which the form and terms of such Additional Debentures were established;
- (b) a Written Direction of the Corporation requesting certification and delivery of such Additional Debentures and setting forth delivery instructions;
- (c) an opinion of Counsel that the issue and sale of the Additional Debentures do not and will not result in a breach (whether after notice or lapse of time or both) of:
  - (i) any of the terms, conditions or provisions of the Corporation's constating documents, or
  - (ii) any statute, rule or regulation of the Province of Ontario or the federal laws of Canada applicable therein and which are applicable to the Corporation,

subject to the delivery of certain documents or instruments specified in such opinion; and

- (d) an Officer's Certificate certifying that the Corporation is not in default under this Indenture, that the terms and conditions for the certification and delivery of Additional Debentures (including those set forth in **Section 15.5**), have been complied with subject to the delivery of any documents or instruments specified in such Officer's Certificate and that no Event of Default exists or will exist upon such certification and delivery.

## **2.6 Issue of Global Debentures**

- (a) The Corporation may specify that the Debentures of a series are to be issued in whole or in part as one or more Global Debentures registered in the name of a Depository, or its nominee, designated by the

CAN\_DMS: \141885201\14

Corporation in the Written Direction of the Corporation delivered to the Trustee at the time of issue of such Debentures, and in such event the Corporation shall execute and the Trustee shall certify and deliver one or more Global Debentures that shall:

- (i) represent an aggregate amount equal to the principal amount of the outstanding Debentures of such series to be represented by one or more Global Debentures;
- (ii) be delivered by the Trustee to such Depository or pursuant to such Depository's instructions; and
- (iii) bear a legend substantially to the following effect (or as otherwise requested by the Depository):

“This Debenture is a Global Debenture within the meaning of the Indenture hereinafter referred to and is registered in the name of a Depository or a nominee thereof. This Debenture may not be transferred to or exchanged for Debentures registered in the name of any person other than the Depository or a nominee thereof and no such transfer may be registered except in the limited circumstances described in the Indenture. Every Debenture authenticated and delivered upon registration of transfer of, or in exchange for, or in lieu of, this Debenture shall be a Global Debenture subject to the foregoing, except in such limited circumstances described in the Indenture.”

- (b) Each Depository designated for a Global Debenture must, at the time of its designation and at all times while it serves as such Depository, be a clearing agency registered or designated under the securities legislation of the jurisdiction where the Depository has its principal offices.
- (c) Notwithstanding any provisions made in this Indenture with respect to redemptions, either full (at maturity or otherwise) or partial, or conversions, the expiry dates, payment dates and other acts that may be required to be done in connection with this Indenture, may be altered due to the internal procedures and processes with respect to cut-off times of the Depository. It is understood and agreed to by the parties hereto that the Trustee shall have no responsibility in connection with any cut-off time imposed by the Depository.

## **2.7 Execution of Debentures**

All Debentures shall be signed (either manually, by facsimile signature or otherwise mechanically reproduced) by any one authorized director, officer or other representative of the Corporation holding office or otherwise authorized at the time of signing. A facsimile or otherwise mechanically reproduced signature upon a Debenture shall for all purposes of this Indenture be deemed to be the signature of the Person whose signature it purports to be. Notwithstanding that any Person whose signature, either manual, facsimile or otherwise mechanically reproduced, appears on a Debenture as a director or officer may no longer hold such office at the date of the Debenture or at the date of the certification and delivery thereof, such Debenture shall be valid and binding upon the Corporation and entitled to the benefits of this Indenture.

## **2.8 Certification**

No Debenture shall be issued or, if issued, shall be obligatory or shall entitle the holder to the benefits of this Indenture, until it has been manually certified by or on behalf of the Trustee substantially in the form set out in this Indenture, in the relevant supplemental indenture, or in some other form approved by the Trustee. Such certification on any Debenture shall be conclusive evidence that such Debenture is duly issued, is a valid obligation of the Corporation and the holder is entitled to the benefits hereof.

The certificate of the Trustee signed on the Debentures, or interim Debentures hereinafter mentioned, shall not be construed as a representation or warranty by the Trustee as to the validity of this Indenture or of the

CAN\_DMS: \141885201\14

Debentures or interim Debentures, as to the issuance of the Debentures or interim Debentures or as to the performance by the Corporation of its obligations under the Indenture, and the Trustee shall in no respect be liable or answerable for the use made of the Debentures or interim Debentures or any of them or the proceeds thereof. The certificate of the Trustee signed on the Debentures or interim Debentures shall, however, be a representation and warranty by the Trustee that the Debentures or interim Debentures have been duly certified by or on behalf of the Trustee pursuant to the provisions of this Indenture.

## **2.9 Interim Debentures or Certificates**

Pending the delivery of definitive Debentures of any series to the Trustee, the Corporation may issue and thereupon the Trustee shall certify in lieu thereof interim Debentures in such forms and in such denominations and signed in such manner as provided herein, entitling the holders thereof to definitive Debentures of the series when the same are ready for delivery; or the Corporation may execute and thereupon the Trustee shall certify a temporary Debenture for the whole principal amount of Debentures of the series then authorized to be issued hereunder and deliver the same to the Trustee and thereupon the Trustee may issue its own interim certificates in such form and in such amounts, not exceeding in the aggregate the principal amount of the temporary Debenture so delivered to it, as the Corporation and the Trustee may approve entitling the holders thereof to definitive Debentures of the series when the same are ready for delivery; and, when so issued and certified, such interim or temporary Debentures or interim certificates shall, for all purposes but without duplication, rank in respect of this Indenture equally with Debentures duly issued hereunder and, pending the exchange thereof for definitive Debentures, the holders of the interim or temporary Debentures or interim certificates shall be deemed without duplication to be Debentureholders and entitled to the benefit of this Indenture to the same extent and in the same manner as though the said exchange had actually been made. Forthwith after the Corporation shall have delivered the definitive Debentures to the Trustee, the Trustee shall call in for exchange all interim Debentures or certificates that shall have been issued and forthwith after such exchange shall cancel the same. No charge shall be made by the Corporation or the Trustee to the holders of such interim or temporary Debentures or interim certificates for the exchange thereof. All interest paid upon interim or temporary Debentures or interim certificates shall be noted thereon as a condition precedent to such payment unless paid by cheque to the registered holders thereof.

## **2.10 Mutilation, Loss, Theft or Destruction**

In case any of the Debentures issued hereunder shall become mutilated or be lost, stolen or destroyed, the Corporation, in its discretion, may issue, and thereupon the Trustee shall certify and deliver, a new Debenture upon surrender and cancellation of the mutilated Debenture, or in the case of a lost, stolen or destroyed Debenture, in lieu of and in substitution for the same, and the substituted Debenture shall be in a form approved by the Trustee and shall be entitled to the benefits of this Indenture and rank equally in accordance with its terms with all other Debentures issued or to be issued hereunder. The new or substituted Debenture may have endorsed upon it the fact that it is in replacement of a previous Debenture. In case of loss, theft or destruction the applicant for a substituted Debenture shall furnish to the Corporation and to the Trustee such evidence of the loss, theft or destruction of the Debenture as shall be satisfactory to them in their discretion and shall also furnish an indemnity and surety bond satisfactory to them in their discretion. The applicant shall pay all reasonable expenses incidental to the issuance of any substituted Debenture.

## **2.11 Concerning Interest**

- (a) Subject to **Section 2.4(b)** with respect to the calculation of interest in respect of the initial interest payment to be paid on the Initial Debentures, all Debentures issued hereunder, whether originally or upon exchange or in substitution for previously issued Debentures which are interest bearing, shall bear interest from and including their issue date or from and including the last Interest Payment Date to which interest shall have been paid or made available for payment on the outstanding Debentures of that series, whichever shall be the later, to but excluding the next Interest Payment Date.

- (b) Unless otherwise specifically provided in the terms of the Debentures of any series, interest for any period of less than six months shall be computed on the basis of a year of 365 days. Subject to **Section 2.4(b)** in respect of the method for calculating the amount of interest to be paid on the Initial Debentures on the first Interest Payment Date in respect thereof, with respect to any series of Debentures, whenever interest is computed on a basis of a year (the “**deemed year**”) which contains fewer days than the actual number of days in the calendar year of calculation, such rate of interest shall be expressed as a yearly rate for purposes of the *Interest Act* (Canada) by multiplying such rate of interest by the actual number of days in the calendar year of calculation and dividing it by the number of days in the deemed year.

## **2.12 Debentures to Rank Subordinate and *Pari Passu***

The Initial Debentures will be direct unsecured obligations of the Corporation. All Debentures issued regardless of the series, will rank *pari passu* with each other Debenture (regardless of their actual date or terms of issue). The payment of the principal of, and interest on, the Debentures shall, as provided in **Article 5**, be subordinated in right of payment to all Senior Indebtedness (including all payments thereunder).

## **2.13 Payments of Amounts Due on Maturity**

Except as may otherwise be provided in any supplemental indenture in respect of any series of Debentures and except as otherwise provided in this Indenture, payments of amounts due upon maturity of the Debentures will be made in the following manner. The Trustee will establish and maintain for the residual benefit of the Corporation, a Debt Account for each series of Debentures. Each such Debt Account shall be maintained by and be subject to the control of the Trustee for the purposes of this Indenture. On or before 11:00 a.m. (Toronto time) on the Business Day immediately prior to each maturity date for Debentures outstanding from time to time under this Indenture, the Corporation will deposit in the applicable Debt Account by an electronic funds transfer an amount sufficient to pay the amount payable in respect of such Debentures (less any tax required to be withheld pursuant to **Section 7.8**). The Trustee shall disburse such maturity payments only upon receipt of the required funds. The Trustee, on behalf of the Corporation, will pay to each holder entitled to receive payment the principal amount of and premium (if any) on the Debenture, upon surrender of the Debenture at the Designated Office. The deposit or making available of such amounts to the applicable Debt Account will satisfy and discharge the liability of the Corporation for the Debentures to which the deposit or making available of funds relates to the extent of the amount deposited or made available (plus the amount of any tax deducted as aforesaid) and such Debentures will thereafter to that extent not be considered as outstanding under this Indenture and such holder will have no other right in regard thereto other than to receive out of the money so deposited or made available the amount to which it is entitled.

## **2.14 Payment of Interest**

The following provisions shall apply to Debentures, except as otherwise provided in **Section 2.4(b)** or elsewhere in this Indenture or specified in a resolution of the Board, Officer’s Certificate or supplemental indenture relating to a particular series of Additional Debentures:

- (a) As interest becomes due on each Debenture (except at maturity or on redemption, when interest may at the option of the Corporation be paid upon surrender of such Debenture) the Corporation, either directly or through the Trustee or any agent of the Trustee, shall send or forward by electronic transfer of funds (if agreed by the Debentureholder), by cheque dated the Interest Payment Date or such other means as may be agreed to by the Trustee, payment of such interest (less any tax required to be withheld therefrom pursuant to **Section 7.8**) to the order of the registered holder of such Debenture appearing on the registers maintained by the Trustee at the close of business on the day that is five (5) Business Days prior to the applicable Interest Payment Date in respect of such Debenture (each a “**Record Date**”), unless such holder otherwise directs. If payment is made by cheque, such cheque shall be dated the Interest Payment Date and mailed on or before the 5<sup>th</sup> Business Day preceding the applicable Interest Payment Date to the address of the holder

appearing in the register maintained by the Trustee at the close of business on the Record Date. The Trustee shall only mail in advance of any Interest Payment Date if it is already in clear receipt of the funds which it is forwarding. If no funds have yet been received by the Trustee or funds have not cleared any holding period by the applicable financial institution, the Trustee shall not be required to release any funds in accordance with this **Section 2.14(a)**. If payment is made by other means (such as electronic transfer of funds), such payment shall be made in a manner whereby the holder receives credit for such payment on the date such interest on such Debenture becomes due. The mailing of such cheque or the making of such payment by other means shall, to the extent of the sum represented thereby, plus the amount of any tax withheld as aforesaid, satisfy and discharge all liability for interest then due on such Debenture, unless in the case of payment by cheque, such cheque be not paid at par on presentation. In the event of non-receipt of any cheque for or other payment of interest by the Person to whom it is so sent as aforesaid, the Corporation will issue to such Person a replacement cheque or other payment for the same amount upon being furnished with such evidence of non-receipt as it shall reasonably require and upon being indemnified to its satisfaction. Notwithstanding the foregoing, if the Corporation is prevented by circumstances beyond its control (including, without limitation, any interruption in mail service) from making payment of any interest due on each Debenture in the manner provided above, the Corporation may make payment of such interest or make such interest available for payment (less any tax required or permitted to be withheld therefrom) in any other manner acceptable to the Trustee with the same effect as though payment had been made in the manner provided above. Upon request from the Trustee, the Corporation shall provide to the Trustee written confirmation detailing any payments so made. If payment is made by the Trustee, by 11:00 a.m. (Toronto time) on the Business Day immediately prior to each Interest Payment Date or to the date of mailing the cheques for the interest due on an Interest Payment Date, whichever is earlier, the Corporation shall deliver sufficient funds to the Trustee by electronic transfer or certified cheque or make such other arrangements for the provisions of funds as may be agreeable between the Trustee and the Corporation in order to effect such interest payment hereunder.

- (b) Notwithstanding **Section 2.14(a)**, if a series of Debentures is represented by a Global Debenture, then all payments of interest on the Global Debenture shall be made by electronic funds transfer on such Interest Payment Date to the Depository or its nominee for subsequent payment to holders of interests in that Global Debenture, unless the Corporation and the Depository otherwise agree. None of the Corporation, the Trustee or any agent of the Trustee for any Debenture issued as a Global Debenture will be liable or responsible to any Person for any aspect of the records related to or payments made on account of beneficial interests in any Global Debenture or for maintaining, reviewing, or supervising any records relating to such beneficial interests.
- (c) The Trustee shall disburse such interest payments only upon receiving the required funds from the Corporation.
- (d) At or before 11:00 a.m. (Toronto time) on the Business Day prior to the Interest Payment Date, the Corporation shall forward to the Trustee a Written Direction of the Corporation specifying payments to be made. The Trustee shall not be responsible for calculating the amount of interest owing and shall be entitled to rely absolutely on the Written Direction of the Corporation specifying the payments to be made.
- (e) The Trustee shall have no obligation to disburse funds pursuant to this **Section 2.14** unless it has received written confirmation satisfactory to it that the funds have been deposited with it in sufficient amount to pay in full all amounts due and payable with respect to such Interest Payment Date. The Trustee shall, if any funds are received by it in the form of uncertified cheques, be entitled to delay the time for release of such funds until such uncertified cheques shall be determined to have cleared the financial institution upon which the same are drawn.

## **2.15 Beneficial Interests in a Global Debenture**

CAN\_DMS: \141885201\14

- (a) Beneficial interests in a Global Debenture will be represented through book-entry accounts of participants in the Depository (“**Participants**”) on behalf of the applicable Beneficial Debentureholders in accordance with the rules and procedures of the Depository. Any circumstances other than or in addition to those set forth in **Section 3.2** in which any such Global Debenture may be exchanged for Debentures in registered form that are not Global Debentures, or transferred to and registered in the name of a Person other than the Depository for such Global Debentures or a nominee thereof, shall be determined by the Corporation at the time of issue.
- (b) Neither the Corporation nor the Trustee shall have any liability for:
  - (i) the records maintained by the Depository or any other Person relating to beneficial interests in Global Debentures or the book-entry accounts maintained by the Depository;
  - (ii) maintaining, supervising or reviewing any records relating to such beneficial ownership interests or payments made by any Person (other than the Corporation) in respect thereof;
  - (iii) any advice or representation made or given by the Depository or made or given herein with respect to the rules and regulations of the Depository; or,
  - (iv) any action to be taken by the Depository at the direction of its Participants.
- (c) Except as provided herein Beneficial Debentureholders shall not be entitled to have Debentures registered in their names, shall not receive or be entitled to receive definitive debenture for their Debentures and shall not be considered owners or holders thereof under this Indenture.
- (d) Notwithstanding the foregoing in **Section 2.4(i)** or this **Section 2.15(d)**, nothing herein shall impair, as between the Depository and its Participants or applicable Beneficial Debentureholders, the operation of customary practices of the Depository governing the exercise of the rights of applicable Beneficial Debentureholders of their interests in the global debenture evidenced by Global Debentures. Whenever this Indenture requires or permits actions to be taken based upon votes, resolutions, instructions, directions, waivers or consents of Debentureholders evidenced by a specified percentage of the outstanding Debentures, the Depository shall be deemed to be counted in that percentage only to the extent that it has received instructions to such effect from the Beneficial Debentureholders, or the Participants on behalf of the applicable Beneficial Debentureholders, in accordance with the customary practices of the Depository.

### **ARTICLE 3 REGISTRATION, TRANSFER, EXCHANGE AND OWNERSHIP**

#### **3.1 Fully Registered Debentures**

- (a) With respect to each series of Debentures issuable as Fully Registered Debentures, the Trustee shall cause to be kept by and at the Designated Office, a register in which shall be entered the names and addresses of the holders of Fully Registered Debentures and particulars of the Debentures held by them respectively and of all transfers of Fully Registered Debentures. Such registration shall be noted on the Debentures by the Trustee unless a new Debenture shall be issued upon such transfer.
- (b) No transfer of a Fully Registered Debenture shall be valid unless made on such register referred to in **Section 3.1(a)** by the Trustee. A registered holder or such holder’s executors, administrators or other legal representatives or an attorney duly appointed by an instrument in writing in form and execution satisfactory to the Trustee upon surrender of the Debentures together with a duly executed form of transfer acceptable to the Trustee and upon compliance with such other reasonable requirements as the Trustee may prescribe.

### 3.2 Global Debentures

- (a) With respect to each series of Debentures issuable in whole or in part as one or more Global Debentures, the Corporation shall cause to be kept by and at the Designated Office, a register in which shall be entered the name and address of the holder of each such Global Debenture (being the Depository, or its nominee, for such Global Debenture) as holder thereof and particulars of the Global Debenture held by it, and of all transfers thereof. If any Debentures of such series are at any time not Global Debentures, the provisions of **Section 3.1** shall govern with respect to registrations and transfers of such Debentures.
- (b) Notwithstanding any other provision of this Indenture, a Global Debenture may not be transferred by the registered holder thereof except in the following circumstances or as otherwise specified in the resolution of the Board, Officer's Certificate or supplemental indenture relating to a particular series of Additional Debentures:
- (i) the Global Debenture may be transferred by a Depository to a nominee of such Depository or by a nominee of a Depository to such Depository or to another nominee of such Depository or by a Depository or its nominee to a successor Depository or its nominee;
  - (ii) the Global Debenture may be transferred at any time after the Depository for such Global Debenture (A) has notified the Corporation that it is unwilling or unable to continue as Depository for such Global Debenture or (B) ceases to be eligible to be a Depository under **Section 2.6(b)**, **provided**, however, that at the time of such transfer the Corporation and the Trustee has not appointed a successor Depository for such Global Debenture;
  - (iii) the Global Debenture may be transferred at any time after the Corporation has determined, in its sole discretion, to terminate the book-entry only registration system in respect of such Global Debenture and has communicated such determination to the Trustee in writing; and
  - (iv) the Global Debenture may be transferred at any time after the Trustee has determined that an Event of Default has occurred and is continuing with respect to the Debentures of the series issued as a Global Debenture, **provided**, however, that at the time of such transfer the Trustee has not waived the Event of Default pursuant to **Section 8.3**.
- (c) Each Global Debenture shall bear the following legend (the "**Depository Legend**"): "Unless this certificate is presented by an authorized representative of CDS Clearing and Depository Services Inc. ("**CDS**") to Quarterhill Inc. (the "**Issuer**") or its agent for registration of transfer, exchange or payment, and any certificate issued in respect thereof is registered in the name of CDS & CO., or in such other name as is requested by an authorized representative of CDS (and any payment is made to CDS & CO. or to such other entity as is requested by an authorized representative of CDS), ANY TRANSFER, PLEDGE OR OTHER USE HEREOF FOR VALUE OR OTHERWISE BY OR TO ANY PERSON IS WRONGFUL since the registered holder hereof, CDS & CO., has a property interest in the securities represented by this certificate herein and it is a violation of its rights for another person to hold, transfer or deal with this certificate."
- (d) Book-entry only Debentures shall be subject to the following:
- (i) the Trustee may deal with the Depository as the authorized representative of the applicable Beneficial Debentureholders;
  - (ii) the rights of the applicable Beneficial Debentureholders shall be exercised only through the

Depository and the rights of such Beneficial Debentureholders shall be limited to those established by applicable law and agreements between the Depository and the Participants and between such Participants and such Beneficial Debentureholders, and must be exercised through a Participant in accordance with the rules and procedures of the Depository;

- (iii) the Depository will make book-entry transfers among the direct Participants of the Depository and will receive and transmit distributions of principal, premium (if any), and interest on the Debentures to such direct Participants; and
- (iv) the direct Participants of the Depository shall have no rights under this Indenture or under or with respect to any of the Debentures represented by a global certificate held on their behalf by the Depository, and the Depository may be treated by the Trustee and its agents, employees, officers and directors as the absolute owner of the Debentures represented by such global certificate for all purposes whatsoever.

Notwithstanding anything to the contrary set out herein, all physical Global Debentures issued to the Depository may be surrendered to the Trustee for an electronic position on the register of Debentureholders to be maintained by the Trustee. All Global Debentures maintained in such electronic position will be valid and binding obligations of the Corporation, entitling the registered holders thereof to the same benefits as those registered holders who hold Global Debentures in physical form. This Indenture and the provisions contained herein will apply *mutatis mutandis* to such Debentures held in such electronic position.

### **3.3 Transferee Entitled to Registration**

The transferee of a Debenture shall be entitled, after the appropriate form of transfer is lodged with the Trustee and upon compliance with all other conditions in that behalf required by this Indenture or by law, to be entered on the register as the owner of such Debenture free from all equities or rights of set-off or counterclaim between the Corporation and the transferor or any previous holder of such Debenture, save in respect of equities of which the Corporation is required to take notice by statute or by order of a court of competent jurisdiction.

### **3.4 No Notice of Trusts**

Neither the Corporation nor the Trustee shall be bound to take notice of or see to the execution of any trust (other than that created by this Indenture) whether express, implied or constructive, in respect of any Debenture, and may transfer the same on the direction of the Person registered as the holder thereof, whether named as trustee or otherwise, as though that Person were the beneficial owner thereof.

### **3.5 Registers Open for Inspection**

The registers referred to in **Sections 3.1** and **3.2** shall at all reasonable times be open for inspection by the Corporation, the Trustee or any Debentureholder. The Trustee shall, from time to time, when requested so to do by the Corporation in writing, furnish the Corporation with a list of names and addresses of holders of registered Debentures entered on the register kept by them and showing the principal amount and serial numbers of the Debentures held by each such holder **provided**, however, that the Trustee shall be entitled to charge a reasonable fee to provide such a list.

### **3.6 Exchanges of Debentures**

- (a) Subject to **Section 3.7**, Debentures in any authorized form or denomination, other than Global Debentures, may be exchanged for Debentures in any other authorized form or denomination, of the same series and date of maturity, bearing the same interest rate and of the same aggregate principal amount as the

Debentures so exchanged.

- (b) In respect of exchanges of Debentures permitted by **Section 3.6(a)**, Debentures of any series may be exchanged only at the Designated Office. Any Debentures tendered for exchange shall be surrendered to the Trustee. The Corporation shall execute and the Trustee shall certify all Debentures necessary to carry out exchanges as aforesaid. All Debentures surrendered for exchange shall be cancelled.
- (c) Debentures issued in exchange for Debentures which at the time of such issue have been selected or called for redemption at a later date shall be deemed to have been selected or called for redemption in the same manner and shall have noted thereon a statement to that effect.

### **3.7 Closing of Registers**

Neither the Corporation nor the Trustee shall be required to:

- (a) accept conversions of any Debentures during the period from the close of business on the Record Date preceding the Interest Payment Date to and including such Interest Payment Date;
- (b) make transfers or exchanges of any Debentures during the period from the date of any selection by the Trustee of any Debentures to be redeemed or during the preceding 15 days or thereafter until the close of business on the date upon which a Redemption Notice is given in respect of such Debentures; or
- (c) make transfers or exchanges of any Debentures which have been selected or called for redemption unless upon due presentation thereof for redemption such Debentures are not redeemed.

### **3.8 Charges for Registration, Transfer and Exchange**

For each Debenture exchanged, registered, transferred or discharged from registration, the Trustee except as otherwise herein provided, may make a reasonable charge for its services and in addition may charge a reasonable sum for each new Debenture issued (such amounts to be agreed upon by the Trustee and the Corporation from time to time), and payment of such charges (plus any applicable taxes thereon) and reimbursement of the Trustee for any stamp taxes or governmental or other charges required to be paid shall be made by the Person requesting such exchange, registration, transfer or discharge from registration as a condition precedent thereto. Notwithstanding the foregoing provisions, no charge shall be made to a Debentureholder hereunder:

- (a) for any exchange, registration, transfer or discharge from registration of any Debenture applied for within a period of two months from the date of the first delivery of Debentures of that series;
- (b) for any exchange of any interim or temporary Debenture or interim certificate that has been issued under **Section 2.9** for a definitive Debenture;
- (c) for any exchange of a Global Debenture as contemplated in **Section 3.2**; or
- (d) for any exchange of any Debenture resulting from a partial redemption under **Section 4.2**.

### **3.9 Ownership of Debentures**

- (a) Unless otherwise required by law, the Person in whose name any registered Debenture is registered shall for all the purposes of this Indenture, be and be deemed to be the owner thereof and payment of or on account of the principal of and premium, if any, on such Debenture and, in the case of a Fully Registered

Debenture, interest thereon shall be made to such registered holder.

- (b) The registered holder for the time being of any registered Debenture shall be entitled to the principal, premium, if any, and/or interest evidenced by such instruments, respectively, free from all equities or rights of set-off or counterclaim between the Corporation and the original or any intermediate holder thereof and all Persons may act accordingly and the receipt of any such registered holder for any such principal, premium or interest shall be a good discharge to the Corporation and/or the Trustee for the same and neither the Corporation nor the Trustee shall be bound to inquire into the title of any such registered holder.
- (c) Where Debentures are registered in more than one name, the principal, premium, if any, and interest (in the case of Fully Registered Debentures) from time to time payable in respect thereof may be paid to the order of all such holders, failing written instructions from them to the contrary, and the receipt of any one of such holders therefor shall be a valid discharge, to the Trustee and to the Corporation.
- (d) In the case of the death of one or more joint holders of any Debenture the principal, premium, if any, and interest from time to time payable thereon shall be paid to the order of the survivor or survivors of such registered holders and the receipt of any such survivor or survivors therefore shall be a valid discharge to the Trustee and any registrar and to the Corporation.
- (e) The Trustee may assume for the purposes of this Indenture that any address of the holder appearing in the register maintained by the Trustee is the holder's actual address.

#### **ARTICLE 4 REDEMPTION AND PURCHASE OF DEBENTURES**

##### **4.1 Applicability of Article**

The Corporation shall have the right at its option to redeem, either in whole at any time or in part from time to time before maturity, either by payment of money, subject to any required regulatory approval, by issuance of Freely Tradeable Common Shares as provided in **Section 4.6** or any combination thereof, any Debentures issued hereunder of any series which by their terms are made so redeemable (subject, however, to any applicable restriction on the redemption of Debentures of such series including, in respect of the Initial Debentures, **Section 2.4(d)**) at such rate or rates of premium, if any, and on such date or dates and in accordance with such other provisions as shall have been determined at the time of issue of such Debentures and as shall have been expressed in this Indenture, in the Debentures, in an Officer's Certificate, or in a supplemental indenture authorizing or providing for the issue thereof.

##### **4.2 Partial Redemption**

If less than all the Debentures of any series for the time being outstanding are at any time to be redeemed or if a portion are being redeemed for cash and a portion are being redeemed by the issuance of Freely Tradeable Common Shares, and such Debentures are not in the form of a Global Debenture, the Corporation shall in each such case, at least 15 days before the date upon which the Redemption Notice is to be given, notify the Trustee by a Written Direction of the Corporation of its intention to redeem such Debentures and of the aggregate principal amount of Debentures to be redeemed. Subject to the consent of the TSX, the Debentures to be so redeemed shall be selected by the Trustee (i) on a *pro rata* basis to the nearest multiple of \$1,000 in accordance with the principal amount of the Debentures registered in the name of each holder, or (ii) by lot in such manner as the Trustee may deem equitable. Unless otherwise specifically provided in the terms of any series of Debentures, no Debenture shall be redeemed in part unless the principal amount redeemed is \$1,000 or a multiple thereof. For this purpose, the Trustee may make, and from time to time vary, regulations with respect to the manner in which such Debentures may be drawn for redemption and regulations so made shall be valid and binding upon all holders of such

CAN\_DMS: \141885201\14

Debentures notwithstanding the fact that as a result thereof one or more of such Debentures may become subject to redemption in part only. In the event that one or more of such Debentures becomes subject to redemption in part only, upon surrender of any such Debentures for payment of the Redemption Price, together with interest accrued and unpaid to but excluding the Redemption Date, the Corporation shall execute and the Trustee shall certify and deliver without charge to the holder thereof or upon the holder's order one or more new Debentures for the unredeemed part of the principal amount of the Debenture or Debentures so surrendered or, with respect to a Global Debenture, the Trustee shall make notations on the Global Debenture of the principal amount thereof so redeemed. Unless the context otherwise requires, the terms "Debenture" or "Debentures" as used in this **Article 4** shall be deemed to mean or include any part of the principal amount of any Debenture which in accordance with the foregoing provisions has become subject to redemption.

#### **4.3 Notice of Redemption**

Notice of redemption (the "**Redemption Notice**") of any series of Debentures shall be given to the Trustee and the holders of the Debentures to be redeemed at least 30 days and not more than 60 days prior to the date fixed for redemption (the "**Redemption Date**") in the manner provided in **Section 14.2**. Every such notice from the Corporation shall specify the aggregate principal amount of Debentures called for redemption, the Redemption Date, the Redemption Price, the right of the holders to convert such Debentures as provided for in **Article 6**, the places of payment and shall state that interest upon the principal amount of Debentures called for redemption shall cease to be payable from and after the Redemption Date. In addition, unless all the outstanding Debentures are to be redeemed, the Redemption Notice shall specify:

- (a) the distinguishing letters and numbers of the registered Debentures which are to be redeemed (or of such thereof as are registered in the name of such Debentureholder);
- (b) in the case of a published notice, the distinguishing letters and numbers of the Debentures which are to be redeemed or, if such Debentures are selected by terminal digit or other similar system, such particulars as may be sufficient to identify the Debentures so selected;
- (c) in the case of a Global Debenture, that the redemption will take place in such manner as may be agreed upon by the Depository, the Trustee and the Corporation; and
- (d) in all cases, the principal amounts of such Debentures or, if any such Debenture is to be redeemed in part only, the principal amount of such part.

#### **4.4 Debentures Due on Redemption Dates**

Notice having been given as aforesaid, all the Debentures so called for redemption shall thereupon be and become due and payable at the Redemption Price, together with accrued and unpaid interest to but excluding the Redemption Date, on the Redemption Date specified in such notice, in the same manner and with the same effect as if it were the date of maturity specified in such Debentures, anything therein or herein to the contrary notwithstanding, and from and after such Redemption Date, if the moneys necessary to redeem, or the Freely Tradeable Common Shares to be issued to redeem, such Debentures shall have been deposited as provided in **Section 4.5** (unless payment of the Redemption Price, or delivery of such Common Shares, shall not be made on presentation for surrender of such Debenture) and affidavits or other proof satisfactory to the Trustee as to the publication and/or mailing of such notices shall have been lodged with the Trustee, interest upon the Debentures shall cease. If any question shall arise as to whether any notice has been given as above provided and such deposit made, such question shall be decided by the Trustee whose decision shall be final and binding upon all parties in interest.

#### **4.5 Deposit of Redemption Moneys or Common Shares**

CAN\_DMS: \141885201\14

Redemption of Debentures shall be provided for by the Corporation depositing with the Trustee or any paying agent to the order of the Trustee, on or before 11:00 a.m. (Toronto time) on the Business Day immediately prior to the Redemption Date specified in such notice, such sums of money, by electronic funds transfer, or certificates representing such Common Shares, as the case may be, as may be sufficient to pay the Redemption Price of the Debentures so called for redemption, plus accrued and unpaid interest thereon up to but excluding the Redemption Date. At the request of the Trustee, the Corporation shall also deposit with the Trustee, by electronic funds transfer, a sum of money sufficient to pay any charges or expenses which may be reasonably incurred by the Trustee in connection with such redemption. Every such deposit shall be irrevocable. From the sums or certificates representing Common Shares so deposited, the Trustee shall pay or cause to be paid, or issue or cause to be issued, to the holders of such Debentures so called for redemption, upon surrender of such Debentures, the principal and premium (if any) and interest (if any) to which they are respectively entitled on redemption. The Corporation may pay the interest hereunder in accordance with **Article 10**. The Trustee shall disburse such payments only upon receiving the required funds.

#### **4.6 Right to Repay Redemption Price in Common Shares**

- (a) Subject to the other provisions of this **Section 4.6**, the Corporation may, subject to any required regulatory approval, at its option, elect to satisfy its obligation to pay the Redemption Price in whole or in part by issuing and delivering to holders on the Redemption Date that number of Freely Tradeable Common Shares obtained by dividing the aggregate principal amount of Debentures being redeemed by 95% of the Current Market Price of the Common Shares on the Redemption Date (the “**Common Share Redemption Right**”).
- (b) The Corporation shall exercise the Common Share Redemption Right by so specifying in the Redemption Notice set forth in **Schedule B**, which shall be delivered to the Trustee and the holders of Debentures not more than 60 days and not less than 40 days prior to the Redemption Date. The Redemption Notice shall also specify the aggregate principal amount of Debentures in respect of which it is exercising the Common Share Redemption Right.
- (c) The Corporation’s right to exercise the Common Share Redemption Right shall be conditional upon the following conditions being met on or before the Business Day preceding the Redemption Date:
  - (i) the Common Shares to be issued on exercise of the Common Share Redemption Right being Freely Tradeable;
  - (ii) the conditional listing of such additional Common Shares on each stock exchange on which the Common Shares are then listed subject only to customary conditions of listing;
  - (iii) the Corporation being a reporting issuer (or its equivalent) in good standing under Applicable Securities Legislation where the distribution of such Common Shares occurs;
  - (iv) no Event of Default shall have occurred and be continuing;
  - (v) the receipt by the Trustee of an Officer’s Certificate stating that the conditions set out at **Sections 4.6(c)(i), (ii), (iii) and (iv)** have been satisfied and setting forth the number of Common Shares to be delivered for each \$1,000 principal amount of Debentures and the Current Market Price of the Common Shares on the Redemption Date; and
  - (vi) the receipt by the Trustee of an opinion of Counsel dated the Redemption Date to the effect that such Common Shares have been duly authorized and, when issued and delivered pursuant to the terms of this Indenture in payment of the Redemption Price, will be validly issued as fully paid and non-assessable, that the condition set out at **Section 4.6(c)(i)** has been satisfied, relying

exclusively on correspondence from the relevant stock exchange, that the condition set out at **Section 4.6(c)(ii)** has been satisfied, and, relying exclusively on certificates of good standing issued, or reporting issuer lists maintained, by the relevant securities authorities, that the condition set out at **Section 4.6(c)(iii)** is satisfied, except that the opinion in respect of the condition set out at **Section 4.6(c)(iii)** need not be expressed with respect to those provinces and territories where certificates or reporting issuer lists are not issued.

If the foregoing conditions are not satisfied at or prior to the close of business on the Business Day preceding the Redemption Date, then the Corporation shall pay in cash 100% of the Redemption Price that would otherwise have been satisfied in Common Shares in accordance with **Section 4.5**, unless the Debentureholders waive the conditions which are not satisfied by Extraordinary Resolution.

- (d) In the event that the Corporation duly exercises its Common Share Redemption Right, the Corporation shall on or before 11:00 a.m. (Toronto time) on the Redemption Date make the delivery to the Trustee for delivery to and on account of the holders, upon presentation and surrender of the Debentures for payment on the Redemption Date at any place where a register is maintained pursuant to **Article 3** or any other place specified in the Redemption Notice, of certificates representing the Freely Tradeable Common Shares and a sum of money representing accrued and unpaid interest to which such holders are entitled (less any tax required to be withheld pursuant to **Section 7.8**, if any). Every such deposit shall be irrevocable. The delivery of such certificates to the Trustee will satisfy and discharge the liability of the Corporation for the Debentures to which the delivery of certificates relates to the extent of the amount delivered and such Debentures will thereafter to that extent not be considered as outstanding under this Indenture and such holder will have no other right in regard thereto other than to receive out of the certificates so delivered, the certificate(s) to which it is entitled.
- (e) No fractional Freely Tradeable Common Shares shall be delivered upon the exercise of the Common Share Redemption Right but, in lieu thereof, the Corporation shall pay to the Trustee for the account of the holders, at the time contemplated in **Section 4.6(d)**, the cash equivalent thereof determined on the basis of the Current Market Price of the Common Shares on the Redemption Date (less any tax required to be withheld, if any). Upon request by the Trustee, the Corporation shall provide, in writing to the Trustee, the price to be paid in respect of such fractional Common Shares.
- (f) A holder shall be treated as the shareholder of record of the Freely Tradeable Common Shares issued on due exercise by the Corporation of its Common Share Redemption Right effective immediately after the close of business on the Redemption Date, and shall be entitled to all substitutions therefor, all income earned thereon or accretions thereto and all dividends or distributions (including common share distributions and dividends or distributions and dividends in kind) thereon and arising thereafter, and in the event that the Trustee receives the same, it shall hold the same in trust for the benefit of such holder.
- (g) The Corporation shall issue to Debentureholders to whom Freely Tradeable Common Shares will be issued pursuant to exercise of the Common Share Redemption Right, such number of Freely Tradeable Common Shares as shall be issuable in such event. All Freely Tradeable Common Shares which shall be so issuable shall be duly and validly issued as fully paid and non-assessable.
- (h) The Corporation shall from time to time promptly pay, or make provision satisfactory to the Trustee for the payment of, all taxes and charges which may be imposed by the laws of Canada or any province thereof (except income tax, withholding tax or stamp or security transfer tax, if any) which shall be payable with respect to the issuance or delivery of Freely Tradeable Common Shares to holders upon exercise of the Common Share Redemption Right pursuant to the terms of the Debentures and of this Indenture.
- (i) If the Corporation elects to satisfy its obligation to pay all or a portion of the Redemption Price by issuing

Freely Tradeable Common Shares in accordance with this **Section 4.6** and if the Redemption Price (or any portion thereof) to which a holder is entitled is subject to withholding taxes pursuant to **Section 7.8**, then the Trustee, on the Written Direction of the Corporation but for the account of the holder, shall provide reasonable assistance to settle the trade as directed by the Corporation, through the investment banks, brokers or dealers selected by the Corporation, out of the Freely Tradeable Common Shares issued by the Corporation for this purpose, such number of Freely Tradeable Common Shares that is sufficient to yield net proceeds (after payment of all costs) to cover the amount of taxes required to be withheld, and shall remit the same on behalf of the Corporation to the proper tax authorities within the period of time prescribed for this purpose under applicable laws. In the event the Trustee settles the trade of such Freely Tradeable Common Shares pursuant to this **Section 4.6**, the procedures set forth in **Article 10** shall apply *mutatis mutandis* to such sale. The Trustee shall not be responsible for the purchase price or the timing of the sale of such Common Shares.

- (j) In the event the Corporation exercises its Common Share Redemption Right, the Corporation shall reserve and keep available out of its authorized Common Shares such number of Common Shares as shall be issuable in such event (if the number thereof becomes limited) solely for the purpose of issue and delivery upon the exercise of the Common Share Redemption Right as provided herein, and shall issue such Common Shares to Debentureholders to whom the Common Shares will be issued pursuant to exercise of the Common Share Redemption Right.
- (k) Interest accrued and unpaid on the Debentures on the Redemption Date will be paid to Debentureholders in the manner contemplated in **Section 2.14**.

#### **4.7 Failure to Surrender Debentures Called for Redemption**

In case the holder of any Debenture so called for redemption shall fail on or before the Redemption Date to so surrender such holder's Debenture, or shall not within such time accept payment of the Redemption Price payable, or take delivery of certificates representing any Common Shares issuable in respect thereof, or give such receipt therefor, if any, as the Corporation may require, such redemption moneys may be set aside in trust, or such certificates may be held in trust without interest, either in the deposit department of the Trustee or in a chartered bank, and such setting aside shall for all purposes be deemed a payment to the Debentureholder of the sum so set aside and, to that extent, the Debenture shall thereafter not be considered as outstanding hereunder and the Debentureholder shall have no other right except to receive payment out of the moneys so paid and deposited, or to take delivery of the certificates so deposited, upon surrender and delivery of such holder's Debenture. Subject to applicable law, in the event that any money, or certificates, required to be set aside or deposited hereunder with the Trustee and not claimed shall remain so set aside or deposited for a period of ten years from the Redemption Date, then such moneys or certificates, together with any accumulated interest thereon, shall at the end of such period be paid over or delivered over by the Trustee to the Corporation on its written demand, and thereupon the Trustee shall not be responsible to Debentureholders for any amounts owing to them and, subject to applicable law, thereafter the holder of a Debenture in respect of which such money or Common Shares, if applicable, was so repaid to the Corporation shall have no rights in respect thereof except to obtain payment of the money or certificates due from the Corporation, subject to any limitation period provided by the laws of Ontario. Notwithstanding the foregoing, the Trustee will pay any remaining funds prior to the expiry of ten years after the Redemption Date to the Corporation upon receipt from the Corporation of an unconditional letter of credit from a Canadian chartered bank in an amount equal to or in excess of the amount of the remaining funds. If the remaining funds are paid to the Corporation prior to the expiry of ten years after the Redemption Date, then the Corporation shall reimburse the Trustee for any amounts required to be paid by the Trustee to a holder of a Debenture pursuant to the redemption after the date of such payment of the remaining funds to the Corporation but prior to ten years after the redemption and such letter of credit shall be reduced to the extent of the amount of such reimbursement. If the Corporation fails to reimburse the Trustee, the Trustee may draw on the letter of credit.

#### **4.8 Cancellation of Debentures Redeemed**

Subject to the provisions of **Sections 4.2** and **4.9** as to Debentures redeemed or purchased in part, all Debentures redeemed and whose obligations have been satisfied under this **Article 4** shall forthwith be delivered to the Trustee and cancelled and no Debentures shall be issued in substitution therefor.

#### **4.9 Purchase of Debentures by the Corporation**

- (a) Unless otherwise specifically provided with respect to a particular series of Debentures, the Corporation may at any time and from time to time, purchase Debentures in the market (which shall include purchase from or through an investment dealer or a firm holding membership on a recognized stock exchange) or by tender or by private contract, at any price, subject to compliance with Applicable Securities Legislation regarding issuer bids. If an Event of Default has occurred and is continuing, the Corporation may purchase all or any of the Debentures as aforesaid, except by private contract.
- (b) All Debentures so purchased shall be cancelled and no Debentures shall be issued in substitution therefor.
- (c) If, upon an invitation for tenders, more Debentures are tendered at the same lowest price that the Corporation is prepared to accept, the Debentures to be purchased by the Corporation shall be selected by the Trustee, in such manner (which may include selection by lot, selection on a pro rata basis, random selection by computer or any other method) as the Trustee considers appropriate, from the Debentures tendered by each tendering Debentureholder who tendered at such lowest price. For this purpose the Trustee may make, and from time to time amend, regulations with respect to the manner in which Debentures may be so selected, and regulations so made shall be valid and binding upon all Debentureholders, notwithstanding the fact that as a result thereof one or more of such Debentures become subject to purchase in part only or not subject to purchase at all. The holder of a Debenture of which a part only is purchased, upon surrender of such Debenture for payment, shall be entitled to receive, without expense to such holder, one or more new Debentures for the unpurchased part so surrendered, and the Trustee shall certify and deliver such new Debenture or Debentures upon receipt of the Debenture so surrendered or, with respect to a Global Debenture, the Trustee shall make notations on the Global Debenture of the principal amount thereof so purchased and the same shall be reflected by the Trustee in the register.

#### **4.10 Right to Repay Principal Amount in Common Shares at Maturity**

- (a) Subject to the other provisions of this **Section 4.10** and subject to any required regulatory approval, the Corporation may, at its option, elect to satisfy its obligation to repay the principal amount of the Debentures outstanding, in whole or in part, by issuing and delivering to holders on the Maturity Date of such Debentures that number of Freely Tradeable Common Shares obtained by dividing the aggregate principal amount of the Debentures (or applicable portion thereof to be satisfied by the issuance and delivery of Common Shares) by 95% of the Current Market Price of the Common Shares on the Maturity Date of such Debentures (the “**Common Share Repayment Right**”).
- (b) The Corporation shall exercise the Common Share Repayment Right by so specifying in the Maturity Notice set forth in **Schedule C**, which shall be delivered to the Trustee and the holders of Debentures not more than 60 days and not less than 30 days prior to the Maturity Date. The Maturity Notice shall also specify the aggregate principal amount of Debentures in respect of which it is exercising the Common Share Repayment Right.
- (c) The Corporation’s right to exercise the Common Share Repayment Right shall be conditional upon the following conditions being met on or before the Business Day preceding the applicable Maturity Date:

- (i) the Common Shares to be issued on exercise of the Common Share Repayment Right being Freely Tradeable;
- (ii) the conditional listing of such additional Common Shares on each stock exchange on which the Common Shares are then listed subject only to customary conditions of listing;
- (iii) the Corporation being a reporting issuer (or its equivalent) in good standing under Applicable Securities Legislation where the distribution of such Common Shares occurs;
- (iv) no Event of Default shall have occurred and be continuing;
- (v) the receipt by the Trustee of an Officer's Certificate stating that the conditions set out at **Sections 4.10(c)(i), (ii), (iii) and (iv)** have been satisfied and setting forth the number of Common Shares to be delivered for each \$1,000 principal amount of Debentures and the Current Market Price of the Common Shares on the applicable Maturity Date; and
- (vi) the receipt by the Trustee of an opinion of Counsel dated the Maturity Date to the effect that such Common Shares have been duly authorized and, when issued and delivered pursuant to the terms of this Indenture in payment, in whole or in part, of the principal amount of the Debentures outstanding will be validly issued as fully paid and non-assessable, that the condition set out at **Section 4.10(c)(i)** has been satisfied, relying exclusively on correspondence from the relevant stock exchange, that the condition set out at **Section 4.10(c)(ii)** has been satisfied, and, relying exclusively on certificates of good standing issued by the relevant securities authorities, that the condition set out at **Section 4.10(c)(iii)** is satisfied, except that the opinion in respect of the condition set out at **Section 4.10(c)(iii)** need not be expressed with respect to those provinces where certificates are not issued.

If the foregoing conditions are not satisfied prior to the close of business on the Business Day preceding the Maturity Date, then the Corporation shall pay in cash 100% of the principal amount of the Debentures that would otherwise have been payable in accordance with **Section 4.5**, unless the Debentureholders waive the conditions which are not satisfied by Extraordinary Resolution.

- (d) In the event that the Corporation duly exercises its Common Share Repayment Right, the Corporation shall on or before 11:00 a.m. (Toronto time) on the Maturity Date make the delivery to the Trustee for delivery to and on account of the holders, upon presentation and surrender of the Debentures for payment on the Maturity Date at any place where a register is maintained pursuant to **Article 3** or any other place specified in the Maturity Notice, of certificates representing the Freely Tradeable Common Shares and a sum of money representing accrued and unpaid interest to which such holders are entitled (less any tax required to be withheld, if any). Every such deposit shall be irrevocable. The delivery of such certificates to the Trustee will satisfy and discharge the liability of the Corporation for the Debentures to which the delivery of certificates relates to the extent of the amount delivered and such Debentures will thereafter to that extent not be considered as outstanding under this Indenture and such holder will have no other right in regard thereto other than to receive out of the certificates so delivered, the certificate(s) to which it is entitled.
- (e) No fractional Freely Tradeable Common Shares shall be delivered upon the exercise of the Common Share Repayment Right but, in lieu thereof, the Corporation shall pay to the Trustee for the account of the holders, at the time contemplated in **Section 4.10(d)**, the cash equivalent thereof determined on the basis of the Current Market Price of the Common Shares on the Maturity Date (less any tax required to be withheld pursuant to **Section 7.8**, if any). Upon request by the Trustee, the Corporation shall provide, in writing to the Trustee, the price to be paid in respect of such fractional Common Shares.

- (f) A holder shall be treated as the shareholder of record of the Freely Tradeable Common Shares issued on due exercise by the Corporation of its Common Share Repayment Right effective immediately after the close of business on the Maturity Date, and shall be entitled to all substitutions therefor, all income earned thereon or accretions thereto and all dividends or distributions (including common share distributions and dividends or distributions in kind) thereon and arising thereafter, and in the event that the Trustee receives the same, it shall hold the same in trust for the benefit of such holder.
- (g) The Corporation shall issue to Debentureholders to whom Freely Tradeable Common Shares will be issued pursuant to exercise of the Common Share Repayment Right, such number of Freely Tradeable Common Shares as shall be issuable in such event. All Freely Tradeable Common Shares which shall be so issuable shall be duly and validly issued as fully paid and non-assessable.
- (h) The Corporation shall from time to time promptly pay, or make provision satisfactory to the Trustee for the payment of, all taxes and charges which may be imposed by the laws of Canada or any province thereof (except income tax, withholding tax or stamp or security transfer tax, if any) which shall be payable with respect to the issuance or delivery of Freely Tradeable Common Shares to holders upon exercise of the Common Share Repayment Right pursuant to the terms of the Debentures and of this Indenture.
- (i) If the Corporation elects to satisfy its obligation, in whole or in part, to pay the principal amount on maturity by issuing Freely Tradeable Common Shares in accordance with this **Section 4.10**, and if the principal amount (or any portion thereof) to which a holder is entitled is subject to withholding taxes pursuant to **Section 7.8**, then the Trustee, on the Written Direction of the Corporation but for the account of the holder, shall provide reasonable assistance to settle the trade as directed by the Corporation, through the investment banks, brokers or dealers selected by the Corporation, out of the Freely Tradeable Common Shares issued by the Corporation for this purpose, such number of Freely Tradeable Common Shares that is sufficient to yield net proceeds (after payment of all costs) to cover the amount of taxes required to be withheld, and shall remit same on behalf of the Corporation to the proper tax authorities within the period of time prescribed for this purpose under applicable laws. In the event the Trustee settled the trade of such Freely Tradeable Common Shares pursuant to this **Section 4.10(i)**, the procedures set forth in **Article 10** shall apply *mutatis mutandis* to such sale. The Trustee shall not be responsible for the purchase price or the timing of the sale of such Common Shares.
- (j) In the event the Corporation exercises its Common Share Repayment Right, the Corporation shall reserve and keep available out of its authorized Common Shares such number of Common Shares as shall be issuable in such event (if the number thereof becomes limited) solely for the purpose of issue and delivery upon the exercise of the Common Share Repayment Right as provided herein, and shall issue such Common Shares to Debentureholders to whom the Common Shares will be issued pursuant to exercise of the Common Shares Repayment Right.
- (k) Interest accrued and unpaid on the Debentures on the Maturity Date will be paid to Debentureholders in the manner contemplated in **Section 2.14**.

#### **4.11 Right to Pay all Amounts in Common Shares**

Notwithstanding any other provision in this Indenture, for greater certainty the Corporation shall have the right, at its option, to elect to satisfy its obligation to: (i) repay the principal amount of the Debentures outstanding, in whole or in part, whether as a result of a redemption, maturity of the Debentures or otherwise, by issuing and delivering Freely Tradeable Common Shares to Debentureholders in accordance with the terms of this Indenture, and (ii) pay interest on the Debentures, in whole or in part, by issuing and delivering sufficient Common Shares to the Trustee and soliciting bids to sell such Common Shares in order to raise funds to satisfy all or part of an Interest Obligation in accordance with the terms of this Indenture.

#### **4.12 Restriction on Common Share Redemption Right and Common Share Repayment Right**

The Corporation shall not, directly or indirectly (through a Subsidiary or otherwise) undertake or announce any rights offering, issuance of securities, subdivision of Common Shares, dividend or other distribution on the Common Shares or any other securities, capital reorganization, reclassification or any similar type of transaction in which:

- (a) the number of securities to be issued;
- (b) the price at which the securities are to be issued, converted or exchanged; or
- (c) any property or cash that is to be distributed or allocated,

is in whole or in part based upon, determined in reference to, related to or a function of, directly or indirectly, (i) the exercise or potential exercise of the Common Share Redemption Right or the Common Share Repayment Right, or (ii) the Current Market Price determined in connection with the exercise or potential exercise of the Common Share Redemption Right or the Common Share Repayment Right.

### **ARTICLE 5 SUBORDINATION OF DEBENTURES**

#### **5.1 Applicability of Article**

The indebtedness evidenced by any Debentures issued hereunder, including the principal thereof and interest thereon, shall be subordinate and subject in right of payment, to the extent and in the manner hereinafter set forth in the following sections of this **Article 5**, to all Senior Indebtedness (including all payments thereunder) of the Corporation and each holder of any such Debenture by its acceptance thereof agrees to and shall be bound by the provisions of this **Article 5**.

#### **5.2 Order of Payment**

Upon any distribution of the assets of the Corporation on any dissolution, winding up, total liquidation or reorganization of the Corporation (whether in bankruptcy, insolvency or receivership proceedings, or upon an “assignment for the benefit of creditors” or any other marshalling of the assets and liabilities of the Corporation, or otherwise):

- (a) all Senior Indebtedness shall first be paid in full, or provision made for such payment, before any payment is made on account of the principal of or interest on the indebtedness evidenced by the Debentures; and
- (b) any payment or distribution of assets of the Corporation, whether in cash, property or securities, to which the holders of the Debentures or the Trustee on behalf of such holders would be entitled except for the provisions of this **Article 5**, shall be paid or delivered by the trustee in bankruptcy, receiver, assignee for the benefit of creditors, or other liquidating agent making such payment or distribution, directly to the holders of Senior Indebtedness or their representative or representatives, or to the trustee or directors under any indenture pursuant to which any instruments evidencing any of such Senior Indebtedness may have been issued, to the extent necessary to pay all Senior Indebtedness in full after giving effect to any concurrent payment or distribution, or provision therefor, to the holders of such Senior Indebtedness.

#### **5.3 Subrogation to Rights of Holders of Senior Indebtedness**

- (a) Subject to the payment in full of all Senior Indebtedness, to the extent that any payment or distribution of

assets of the Corporation otherwise payable to the Trustee on account of the Debentureholders is made on account of the Senior Indebtedness pursuant to the application of **Section 5.2**, the Debentureholders shall be subrogated to the rights of the holders of Senior Indebtedness to receive payments and distributions of assets of the Corporation made in respect of or on account of Senior Indebtedness, until the principal of, premium, if any, and interest on the Debentures shall be paid in full. No payment or distribution of assets of the Corporation to the Debentureholders which would be payable or distributable to the holders of Senior Indebtedness pursuant to this **Article 5** shall, as between the Corporation, its creditors (other than the holders of Senior Indebtedness) and the Debentureholders, be deemed to be a payment of the Corporation to or on account of the Debentureholders, it being understood that the provisions of this **Article 5** are, and are intended, solely for the purpose of defining the relative rights of the Debentureholders, on the one hand, and the holders of the Senior Indebtedness, on the other hand.

- (b) The Debentures shall be subordinated to claims of creditors of the Corporation's Subsidiaries, except to the extent the Corporation is a creditor of such Subsidiaries ranking at least *pari passu* with such other creditors.

#### **5.4 Obligation to Pay Not Impaired**

Nothing contained in this **Article 5** or elsewhere in this Indenture or in the Debentures is intended to or shall impair, as between the Corporation, its creditors other than the holders of Senior Indebtedness, and the Debentureholders, the obligation of the Corporation, which is absolute and unconditional, to pay to the Debentureholders the principal of and interest on the Debentures, as and when the same shall become due and payable in accordance with their terms, or affect the relative rights of the Debentureholders and creditors of the Corporation other than the holders of the Senior Indebtedness, nor shall anything herein or therein prevent the Trustee or any Debentureholder from exercising all remedies otherwise permitted by applicable law upon default under this Indenture, subject to the rights, if any, under this **Article 5** of the holders of Senior Indebtedness in respect of cash, property or securities of the Corporation received upon the exercise of any such remedy.

#### **5.5 Payment on Debentures Permitted**

Nothing contained in this **Article 5** or elsewhere in this Indenture, or in any of the Debentures, shall affect the obligation of the Corporation to make, or prevent the Corporation from making, at any time except during the pendency of any dissolution, winding up or liquidation of the Corporation or reorganization proceedings specified in **Section 5.2** affecting the affairs of the Corporation, any payment of principal of, premium, if any, or interest on the Debentures. The fact that any such payment is prohibited by this **Article 5** shall not prevent the failure to make such payment from being an Event of Default hereunder. Nothing contained in this **Article 5** or elsewhere in this Indenture, or in any of the Debentures, shall prevent the application by the Trustee of any moneys deposited with the Trustee hereunder for the purpose, to the payment of or on account of the principal of, or premium, if any, or interest, if any, on the Debentures.

#### **5.6 Confirmation of Subordination**

Each holder of Debentures by its acceptance thereof authorizes and directs the Trustee on its behalf to take such action as may be necessary or appropriate to effectuate the subordination as provided in this **Article 5** and appoints the Trustee its attorney-in-fact for any and all such purposes. Upon the written request of the Corporation, and upon being furnished an Officer's Certificate stating that one or more named Persons are holders of Senior Indebtedness, or the representative or representatives of such holders, or the trustee or trustees under which any instrument evidencing such Senior Indebtedness may have been issued, and specifying the amount and nature of such Senior Indebtedness, the Trustee shall enter into a written agreement or agreements with the Corporation and the Person or Persons named in such Officer's Certificate providing that such Person or Persons are entitled to all the rights and benefits of this **Article 5** as the holder or holders, representative or representatives, or trustee or

trustees of the Senior Indebtedness specified in such Officer's Certificate and in such agreement. Such agreement shall be conclusive evidence that the indebtedness specified therein is Senior Indebtedness; however, nothing herein shall impair the rights of any holder of Senior Indebtedness who has not entered into such an agreement.

#### **5.7 Knowledge of Trustee**

Notwithstanding the provisions of this **Article 5**, the Trustee will not be charged with knowledge of the existence of any fact that would prohibit the making of any payment of moneys to or by the Trustee, or the taking of any other action by the Trustee, unless and until the Trustee has received written notice thereof from the Corporation, any Debentureholder or any holder or representative of any class of Senior Indebtedness or on its behalf.

#### **5.8 Trustee May Hold Senior Indebtedness**

The Trustee is entitled to all the rights set forth in this **Article 5** with respect to any Senior Indebtedness at the time held by it or for which it acts as trustee, to the same extent as any other holder of Senior Indebtedness, and nothing in this Indenture deprives the Trustee of any of its rights as such holder.

#### **5.9 Rights of Holders of Senior Indebtedness Not Impaired**

No right of any present or future holder of any Senior Indebtedness to enforce the subordination herein will at any time or in any way be prejudiced or impaired by any act or failure to act on the part of the Corporation or by any non-compliance by the Corporation with the terms, provisions and covenants of this Indenture, regardless of any knowledge thereof which any such holder may have or be otherwise charged with.

#### **5.10 Altering the Senior Indebtedness**

The holders of the Senior Indebtedness have the right to extend, renew, modify or amend the terms of the Senior Indebtedness or any security therefor and to release, sell or exchange such security and otherwise to deal freely with the Corporation, all without notice to or consent of the Debentureholders or the Trustee and without affecting the liabilities and obligations of the parties to this Indenture or the Debentureholders or the Trustee.

#### **5.11 Additional Indebtedness**

This Indenture does not, and shall not, restrict the Corporation from incurring additional Senior Indebtedness at any time or from time to time or other indebtedness or otherwise or mortgaging, pledging or charging its real or personal property or properties to secure any indebtedness or other financing.

#### **5.12 Right of Debentureholder to Convert Not Impaired**

The subordination of the Debentures to the Senior Indebtedness and the provisions of this **Article 5** do not impair in any way the right of a Debentureholder to convert its Debentures pursuant to **Article 6**.

#### **5.13 Subordination not to be Impaired**

- (a) The subordination provided for in this **Article 5** shall remain in full force and effect until the entire amount of the Senior Indebtedness has been paid and satisfied in full without regard to, and such subordination shall not be released, discharged, limited or in any way affected or impaired by:
  - (i) any lack of validity or enforceability of or any limitation of liability under any agreement,

document or instalment now or hereafter given in connection with the Senior Indebtedness (including without limitation any security and guarantees, and such agreements, documents and instruments are hereinafter collectively referred to as the “**Credit Documents**”);

- (ii) any irregularity, defect, informality, lack of power or due authorization relating to any Credit Document;
- (iii) any amendment, modification, addition or supplement to any Credit Document;
- (iv) any extension, renewal, indulgence, compromise, or any other action or inaction, relating to any Credit Document or any Person or property;
- (v) any taking or abstention from taking of any security for, or any guarantee of, any of the obligations and liabilities of any Person arising under any Credit Document whether or not such security or guarantee is given in connection with a Credit Document;
- (vi) any release, loss, exchange, amendment, modification, addition or supplement to or of any Credit Document or any collateral thereunder (with or without consideration);
- (vii) any default under, or any lack of due execution, validity or enforceability of, or any irregularity or other defect in, or any failure to perfect, register or file notice of, any Credit Document;
- (viii) any waiver of or consent to a departure from any requirement or condition precedent contained in any Credit Document;
- (ix) any exercise or non-exercise, negligent or otherwise, of any right, remedy, power or privilege in respect of any Credit Document;
- (x) any change in the parties to, or in the interest of any party in, any Credit Document, including without limitation any change resulting from an assignment of the interest of a party under any Credit Document;
- (xi) any method or sequence of application (or subsequent change thereof) at any time or from time to time used by any holder of Senior Indebtedness or the Trustee to apply any proceeds received from any source to the Senior Indebtedness;
- (xii) any sale, lease, transfer or other disposition by the Corporation or the Trustee or any other Person of any property;
- (xiii) any amalgamation, consolidation or merger of the Corporation or the Trustee or any other Person with or into any Person;
- (xiv) any manner of dealing by any holder of Senior Indebtedness with the Corporation or the Trustee or any other Person;
- (xv) any bankruptcy, insolvency, reorganization, arrangement or similar proceedings involving or affecting the Corporation or the Trustee or any other Person;
- (xvi) any other circumstances of any nature whatsoever which might otherwise constitute a legal or equitable discharge of or defence against the obligations of the Corporation or the Trustee

hereunder (except satisfaction in full of the obligations of the Corporation and the Trustee hereunder); or

- (xvii) any other circumstances (except satisfaction in full of the obligations of the Corporation and the Trustee hereunder);

in each case, whether or not the Corporation, the Trustee, any holder of Senior Indebtedness or any other Person shall have notice or knowledge of any of the foregoing and whether or not any of the holders of Senior Indebtedness, the Corporation or the Trustee shall have consented thereto.

- (b) With respect to the subordination contemplated by this **Article 5**, the Trustee, and by acceptance of Debentures, each of the Debentureholders, absolutely and unconditionally waives:
  - (i) notice of any of the matters referred to in **Section 5.13(a)**;
  - (ii) all notices which may be required by statute, rule of law or otherwise to preserve any rights of any holder of Senior Indebtedness, other than notice of an Event of Default;
  - (iii) any right to require the exercise by any holder of Senior Indebtedness of any right, remedy, power or privilege in connection with any Credit Document (including without limitation any right to require any holder of Senior Indebtedness to take or exhaust any recourse against the Corporation or any other Person or under the Credit Documents); and
  - (iv) any requirement of diligence or care on the part of any holder of Senior Indebtedness, or the Trustee.

The subordination provided for in this **Article 5** shall be continuing and shall continue irrespective of any one or more demands which may be made hereunder by any holder of Senior Indebtedness, and irrespective of any statute of limitations otherwise applicable. If at any time a payment on account of the Senior Indebtedness is rescinded or avoided upon the insolvency, bankruptcy or reorganization of the Corporation or any other Person or for whatever reason, the subordination provided for in this **Article 5** shall be continuing or be reinstated, as applicable, (irrespective of any statute of limitations otherwise applicable) and shall cover and include each such rescinded or avoided payment, all as though such payment had not been made.

## **ARTICLE 6 CONVERSION OF DEBENTURES**

### **6.1 Applicability of Article**

- (a) Any Debentures issued hereunder of any series which by their terms are convertible (subject, however, to any applicable restriction on the conversion of Debentures of such series) will be, subject to applicable regulatory approvals, convertible into Freely Tradeable Common Shares or other securities, at such conversion rate or rates, and on such date or dates and in accordance with such other provisions as shall have been determined at the time of issue of such Debentures and shall have been expressed in this Indenture, in such Debentures, in an Officer's Certificate, or in a supplemental indenture authorizing or providing for the issue thereof.
- (b) Such right of conversion shall extend only to the maximum number of whole Common Shares into which the aggregate principal amount of the Debenture or Debentures surrendered for conversion at any one time by the holder thereof may be converted. Fractional interests in Common Shares shall be adjusted for in the manner provided in **Section 6.5**.

## 6.2 Revival of Right to Convert

If the redemption of any Debenture called for redemption by the Corporation is not made or the payment of the purchase price of any Debenture which has been tendered in acceptance of an offer by the Corporation to purchase Debentures for cancellation is not made, in the case of a redemption upon due surrender of such Debenture or in the case of a purchase on the date on which such purchase is required to be made, as the case may be, then, provided the Time of Expiry has not passed, the right to convert such Debentures shall revive and continue as if such Debenture had not been called for redemption or tendered in acceptance of the Corporation's offer, respectively.

## 6.3 Manner of Exercise of Right to Convert

- (a) The holder of a Debenture desiring to convert such Debenture in whole or in part into Freely Tradeable Common Shares shall surrender such Debenture to the Trustee at the Designated Office together with the conversion notice on the back of such Debenture or any other written notice in a form satisfactory to the Trustee, in either case duly executed by the holder or its executors or administrators or other legal representatives or its or their attorney duly appointed by an instrument in writing in form and executed in a manner satisfactory to the Trustee, exercising its right to convert such Debenture in accordance with the provisions of this Article 6; provided that with respect to a Global Debenture, the obligation to surrender a Debenture to the Trustee shall be satisfied if the Trustee makes notation on the Global Debenture of the principal amount thereof so converted, or otherwise complies with its Internal Procedures, and the Trustee is provided with all other documentation which it may request, acting reasonably. Thereupon, subject to payment of all applicable stamp or security transfer taxes or other governmental charges and compliance with all reasonable requirements of the Trustee, such Debentureholder or its nominee(s) or assignee(s), shall be entitled to be entered in the books of the Corporation as at the Date of Conversion (or such later date as is specified in **Section 6.3(b)**) as the holder of the number of Common Shares into which such Debenture is convertible in accordance with the provisions of this **Article 6** and, as soon as practicable thereafter, subject as aforesaid, the Corporation shall deliver to such Debentureholder or its nominee(s) or assignee(s), a certificate or certificates for such Common Shares.
- (b) For the purposes of this **Article 6**, a Debenture shall be deemed to be surrendered for conversion on the date (herein called the "**Date of Conversion**") on which it is so surrendered in accordance with the provisions of this **Article 6** and, in the case of a Debenture so surrendered by post or other means of transmission, on the date on which it is received by the Trustee at the Designated Office; **provided**, however, that if a Debenture is surrendered for conversion on a day on which the register of Common Shares is closed, then the Person or Persons entitled to receive Common Shares shall become the holder or holders of record of such Common Shares as at the date on which such registers are next reopened. A holder surrendering Debentures as aforementioned shall be treated as the shareholder of record of the Shares to be issued effective as of the close of business on the Date of Conversion, and shall be entitled to all substitutions therefor, all income earned thereon or accretions thereto and all dividends or distributions (dividends or distributions in kind) thereon and arising as of such date.
- (c) Any part, being \$1,000 or an integral multiple thereof, of a Debenture in a denomination in excess of \$1,000 may be converted as provided in this **Article 6** and all references in this Indenture to conversion of Debentures shall be deemed to include conversion of such parts.
- (d) The holder of any Debenture of which only a part is converted shall, upon the exercise of its right of conversion surrender the said Debenture to the Trustee, and the Trustee shall cancel the same and shall without charge forthwith certify and deliver to the holder a new Debenture or Debentures in an aggregate principal amount equal to the unconverted part of the principal amount of the Debenture so surrendered or, with respect to a Global Debenture, the Trustee shall make notations on the Global Debenture of the principal amount thereof so converted or otherwise comply with its Internal Procedures.

- (e) The holder of a Debenture surrendered for conversion in accordance with this **Section 6.3** shall be entitled to receive accrued and unpaid interest in respect thereof up to but excluding the Date of Conversion of such Debenture (less any tax required to be withheld pursuant to **Section 7.8**, if any) and the Common Shares issued upon such conversion shall rank only in respect of distributions or dividends declared in favour of shareholders of record on and after the Date of Conversion or such later date as such holder shall become the holder of record of such Common Shares pursuant to **Section 6.3(b)**, from which applicable date they will for all purposes be and be deemed to be issued and outstanding as fully paid, non-assessable Common Shares.

#### **6.4 Adjustment of Conversion Price**

Subject to the approval of the TSX, the Conversion Price in effect at any date shall be subject to adjustment from time to time as follows:

- (a) If and whenever at any time prior to the Time of Expiry the Corporation shall
  - (i) subdivide or redivide the outstanding Common Shares into a greater number of Common Shares,
  - (ii) reduce, combine or consolidate the outstanding Common Shares into a smaller number of Common Shares, or
  - (iii) issue Common Shares or securities convertible into or exchangeable for Common Shares to the holders of all or substantially all of the outstanding Common Shares by way of a dividend or distribution (other than pursuant to any distribution re-investment or share purchase plans or similar arrangements),

the Conversion Price in effect on the effective date of such subdivision, redivision, reduction, combination or consolidation or on the record date for such issue of Common Shares by way of a dividend or distribution, as the case may be, shall in the case of any of the events referred to in Sections 6.4(a)(i) and (iii) above be decreased in proportion to the number of outstanding Common Shares resulting from such subdivision, redivision, dividend or distribution (including, in the case where securities convertible into or exchangeable for Common Shares are distributed, the number of Common Shares that would have been outstanding had all such securities been exchanged for or converted into Common Shares on such effective date or record date), or shall, in the case of any of the events referred to in Section 6.4(a)(ii) above, be increased in proportion to the number of outstanding Common Shares resulting from such reduction, combination or consolidation. Such adjustment shall be made successively whenever any event referred to in this Section 6.4(a) shall occur. Any such issue of Common Shares by way of a dividend or distribution shall be deemed to have been made on the record date for the dividend or distribution for the purpose of calculating the number of outstanding Common Shares under Sections 6.4(a) and 6.4(c).

- (b) If and whenever at any time prior to the Time of Expiry the Corporation shall fix a record date for the issuance of options, rights or warrants to all or substantially all the holders of its outstanding Common Shares entitling them, for a period expiring not more than 45 days after such record date, to subscribe for or purchase Common Shares (or securities convertible or exchangeable into Common Shares) at a price per share (or having a conversion or exchange price per share) less than 95% of the Current Market Price of a Common Share on such record date, the Conversion Price shall be adjusted immediately after such record date so that it shall equal the price determined by multiplying the Conversion Price in effect on such record date by a fraction, of which the numerator shall be the total number of Common Shares outstanding on such record date plus that number of Common Shares equal to the number arrived at by dividing the aggregate price of the total number of additional Common Shares offered for subscription or purchase (or the aggregate conversion or exchange price of the convertible or exchangeable securities so offered) by the

Current Market Price per Common Share, and of which the denominator shall be the total number of Common Shares outstanding on such record date plus the total number of additional Common Shares offered for subscription or purchase (or into which the convertible or exchangeable securities so offered are convertible). Such adjustment shall be made successively whenever such a record date is fixed. To the extent that any such options, rights or warrants are not so issued or any such options, rights or warrants are not exercised prior to the expiration thereof, the Conversion Price shall be readjusted to the Conversion Price which would then be in effect if such record date had not been fixed or to the Conversion Price which would then be in effect based upon the number of Common Shares (or securities convertible or exchangeable into Common Shares) actually issued upon the exercise of such options, rights or warrants, as the case may be.

- (c) If and whenever at any time prior to the Time of Expiry the Corporation shall fix a record date for the making of a distribution to all or substantially all the holders of its outstanding Common Shares of (i) shares of any class other than Common Shares (other than pursuant to any distribution re-investment or share purchase plans or similar arrangements), (ii) rights, options or warrants (excluding rights, options or warrants entitling the holders thereof for a period of not more than 45 days to subscribe for or purchase Common Shares or securities convertible or exchangeable into Common Shares), (iii) evidences of its indebtedness, or (iv) other assets (including cash dividends or distributions paid in the ordinary course in an amount greater than \$0.0125 per Common Share per fiscal quarter) then, in each such case, the Conversion Price shall be adjusted immediately after such record date so that it shall equal the price determined by multiplying the Conversion Price in effect on such record date by a fraction, of which the numerator shall be the total number of Common Shares outstanding on such record date multiplied by the Current Market Price per Common Share on such record date, less the fair market value (as determined by an Investment Dealer chosen by the Corporation, which determination shall be conclusive) of such Common Shares or rights, options or warrants or evidences of indebtedness or assets so distributed, and of which the denominator shall be the total number of Common Shares outstanding on such record date multiplied by such Current Market Price per Common Share. Such adjustment shall be made successively whenever such a record date is fixed. To the extent that such distribution is not so made, the Conversion Price shall be readjusted to the Conversion Price which would then be in effect if such record date had not been fixed or to the Conversion Price which would then be in effect based upon such Common Shares or rights, options or warrants or evidences of indebtedness or assets actually distributed, as the case may be. Notwithstanding the foregoing, in respect of determining the fair market value of any cash dividends or distributions paid by the Corporation in the ordinary course in an amount greater than \$0.0125 per Common Share per fiscal quarter, the Corporation shall not be required to retain an Investment Dealer to determine the fair market value of the same, but rather the Corporation, acting reasonably and in good faith, shall be entitled to make its own determination thereof.
- (d) If and whenever at any time prior to the Time of Expiry, there is a reclassification of the Common Shares or a capital reorganization of the Corporation other than as described in **Section 6.4(a)** or a consolidation, amalgamation, arrangement or merger of the Corporation with or into any other Person or other entity, or a sale or conveyance of the property and assets of the Corporation as an entirety or substantially as an entirety to any other Person or other entity, or a liquidation, dissolution or winding up of the Corporation, any holder of a Debenture who has not exercised its right of conversion prior to the effective date of such reclassification, capital reorganization, consolidation, amalgamation, arrangement or merger, sale or conveyance or liquidation, dissolution or winding-up, upon the exercise of such right thereafter, shall be entitled to receive and shall accept, in lieu of the number of Common Shares then sought to be acquired by it, the number of trust Common Shares, shares or other securities or property of the Corporation or of the Person or other entity resulting from such merger, amalgamation or consolidation, or to which such sale or conveyance may be made, as the case may be, that such holder of a Debenture would have been entitled to receive on such reclassification, capital reorganization, consolidation, amalgamation, arrangement or merger, sale or conveyance or liquidation, dissolution or winding-up, if, on the record date or the effective

date thereof, as the case may be, the holder had been the registered holder of the number of Common Shares sought to be acquired by it and to which it was entitled to acquire upon the exercise of the conversion right. If determined appropriate by the Board to give effect to or to evidence the provisions of this **Section 6.4(d)**, the Corporation, its successor, or such purchasing Person or other entity, as the case may be, shall, prior to or contemporaneously with any such reclassification, capital reorganization, consolidation, amalgamation, arrangement, merger, sale or conveyance or liquidation, dissolution or winding-up enter into an indenture which shall provide, to the extent possible, for the application of the provisions set forth in this Indenture with respect to the rights and interests thereafter of the holder of Debentures to the end that the provisions set forth in this Indenture shall thereafter correspondingly be made applicable, as nearly as may reasonably be, with respect to any trust Common Shares, shares or other securities or property to which a holder of Debentures is entitled on the exercise of its acquisition rights thereafter. Any indenture entered into between the Corporation and the Trustee pursuant to the provisions of this **Section 6.4(d)** shall be a supplemental indenture entered into pursuant to the provisions of **Article 16**. Any indenture entered into between the Corporation, any successor to the Corporation or such purchasing Person or other entity and the Trustee shall provide for adjustments which shall be as nearly equivalent as may be practicable to the adjustments provided in this **Section 6.4(d)** and which shall apply to successive reclassifications, capital reorganizations, amalgamations, consolidations, mergers, sales or conveyances or other similar transactions.

- (e) In any case in which this **Section 6.4** shall require that an adjustment shall become effective immediately after a record date for an event referred to herein, the Corporation may defer, until the occurrence of such event, issuing to the holder of any Debenture converted after such record date and before the occurrence of such event the additional Common Shares issuable upon such conversion by reason of the adjustment required by such event before giving effect to such adjustment; **provided**, however, that the Corporation shall deliver to such holder an appropriate instrument evidencing such holder's right to receive such additional Common Shares upon the occurrence of the event requiring such adjustment and the right to receive any distributions made on such additional Common Shares declared in favour of holders of record of Common Shares on and after the Date of Conversion or such later date as such holder would, but for the provisions of this **Section 6.4(e)**, have become the holder of record of such additional Common Shares pursuant to **Section 6.3(b)**.
- (f) The adjustments provided for in this **Section 6.4** are cumulative and shall apply to successive subdivisions, redivisions, reductions, combinations, consolidations, distributions, issues or other events resulting in any adjustment under the provisions of this **Section 6.4**, **provided**, however, that, notwithstanding any other provision of this **Section 6.4**, no adjustment of the Conversion Price shall be required unless such adjustment would require an increase or decrease of at least 1% in the Conversion Price then in effect; **provided**, further, however, that any adjustments which by reason of this **Section 6.4(f)** are not required to be made shall be carried forward and taken into account in any subsequent adjustment.
- (g) For the purpose of calculating the number of Common Shares of the Corporation outstanding, Common Shares owned by or for the benefit of the Corporation or any Subsidiary shall not be counted.
- (h) In the event of any question arising with respect to the adjustments provided in this **Section 6.4**, such question shall be conclusively determined by a firm of chartered accountants appointed by the Corporation (who may be the Auditors of the Corporation); such accountants shall have access to all necessary records of the Corporation and such determination shall be binding upon the Corporation, the Trustee, and the Debentureholders (subject to manifest error).
- (i) In case the Corporation shall take any action affecting the Common Shares other than action described in this **Section 6.4**, which in the reasonable opinion of the Board would materially adversely affect the rights of Debentureholders, the Conversion Price shall be adjusted in such manner and at such time, by action of

the Board, subject to the prior written consent of the TSX, as the Board in its sole discretion may determine to be equitable in the circumstances. Failure of the Board to make such an adjustment shall be conclusive evidence that the Board has determined that it is equitable to make no adjustment in the circumstances.

- (j) Subject to the prior written consent of the TSX, no adjustment in the Conversion Price shall be made in respect of any event described in **Sections 6.4(a), 6.4(b) or 6.4(c)** if the holders of the Debentures are entitled to participate in such event on the same terms *mutatis mutandis* as if they had converted their Debentures prior to the effective date or record date, as the case may be, of such event.
- (k) Except as stated above in this **Section 6.4**, no adjustment will be made in the Conversion Price for any Debentures as a result of the issuance of Common Shares at less than the Current Market Price for such Common Shares on the date of issuance.

### **6.5 No Requirement to Issue Fractional Common Shares**

The Corporation shall not be required to issue fractional Common Shares upon the conversion of Debentures pursuant to this **Article 6**. If more than one Debenture shall be surrendered for conversion at one time by the same holder, the number of whole Common Shares issuable upon conversion thereof shall be computed on the basis of the aggregate principal amount of such Debentures to be converted. If any fractional interest in a Common Share would, except for the provisions of this **Section 6.5**, be deliverable upon the conversion of any principal amount of Debentures, the Corporation shall, in lieu of delivering any certificate representing such fractional interest, make a cash payment to the holder of such Debenture of an amount equal to the fractional interest which would have been issuable multiplied by the Conversion Price.

### **6.6 Trust to Reserve Common Shares**

The Corporation covenants with the Trustee that it will at all times reserve and keep available out of its authorized Common Shares (if the number becomes limited), solely for the purpose of issue upon conversion of Debentures as provided in this **Article 6**, and conditionally allot to Debentureholders who may exercise their conversion rights hereunder, such number of Common Shares as shall then be issuable upon the conversion of all outstanding Debentures. The Corporation covenants with the Trustee that all Common Shares which shall be so issuable shall be duly and validly issued as fully-paid, non-assessable and Freely Tradeable.

### **6.7 Cancellation of Converted Debentures**

All Debentures converted in whole or in part under the provisions of this **Article 6** shall be forthwith delivered to and cancelled by the Trustee and no Debenture shall be issued in substitution therefor.

### **6.8 Certificate as to Adjustment**

The Corporation shall from time to time immediately after the occurrence of any event which requires an adjustment or readjustment as provided in **Section 6.4**, deliver an Officer's Certificate to the Trustee specifying the nature of the event requiring the same and the amount of the adjustment necessitated thereby and setting forth in reasonable detail the method of calculation and the facts upon which such calculation is based, which certificate and the amount of the adjustment specified therein shall be verified by an opinion of a firm of chartered accountants appointed by the Corporation and acceptable to the Trustee (who may be the Auditors of the Corporation) and shall be conclusive and binding on all parties in interest. When so approved, the Corporation shall, except in respect of any subdivision, redivision, reduction, combination or consolidation of the Common Shares, forthwith give notice to the Debentureholders in the manner provided in **Section 14.2** specifying the event requiring such adjustment or readjustment and the results thereof, including the resulting Conversion Price; **provided**, however, that, if the Corporation has given notice under **Section 6.9** covering all the relevant facts in respect of such event and if the

CAN\_DMS: \141885201\14

Trustee approves, then no such notice need be given.

### **6.9 Notice of Special Matters**

The Corporation covenants with the Trustee that so long as any Debenture remains outstanding, it will give notice to the Trustee, and to the Debentureholders in the manner provided in **Section 14.2**, of its intention to fix a record date for any event referred to in **Section 6.4(a)**, **6.4(b)** or **6.4(c)** (other than the subdivision, redivision, reduction, combination or consolidation of its Common Shares) which may give rise to an adjustment in the Conversion Price, and, in each case, such notice shall specify the particulars of such event and the record date and the effective date for such event; **provided**, however, that the Corporation shall only be required to specify in such notice such particulars of such event as shall have been fixed and determined on the date on which such notice is given. Such notice shall be given not less than 14 days in each case prior to such applicable record date.

### **6.10 Protection of Trustee**

Subject to **Section 15.3**, the Trustee:

- (a) shall not at any time be under any duty or responsibility to any Debentureholder to determine whether any facts exist which may require any adjustment in the Conversion Price, or with respect to the nature or extent of any such adjustment when made, or with respect to the method employed in making the same;
- (b) shall not be accountable with respect to the validity or value (or the kind or amount) of any Common Shares or of any Common Shares, shares or other securities or property which may at any time be issued or delivered upon the conversion of any Debenture;
- (c) shall not be responsible for any failure of the Corporation to make any cash payment or to issue, transfer or deliver Common Shares upon the surrender of any Debenture for the purpose of conversion, or to comply with any of the covenants contained in this **Article 6**; and
- (d) shall be entitled to act and rely on any adjustment calculation of the Corporation, the Board or the Auditors of the Corporation.

## **ARTICLE 7 COVENANTS OF THE CORPORATION**

The Corporation hereby covenants and agrees with the Trustee for the benefit of the Trustee and the Debentureholders, that so long as any Debentures remain outstanding:

### **7.1 General Covenants**

The Corporation will duly and punctually pay or cause to be paid to every Debentureholder the principal of, premium, if any, and interest accrued on, the Debentures of which it is the holder on the dates, at the places and in the manner mentioned herein and in the Debentures and will duly and punctually perform and carry out all of the other acts or things to be done by it, all as provided herein and in the Debentures.

### **7.2 To Pay Trustee's Remuneration**

The Corporation will pay the Trustee reasonable remuneration for its services as trustee hereunder and will repay to the Trustee on demand all moneys which shall have been paid by the Trustee in connection with the execution of the trusts hereby created and such moneys including the Trustee's remuneration, shall be payable out of any funds coming into the possession of the Trustee in priority to any of the Debentures or interest thereon. The said

CAN\_DMS: \141885201\14

remuneration shall continue to be payable until the trusts hereof are finally wound up and whether or not the trusts of this Indenture shall be in the course of administration by or under the direction of a court of competent jurisdiction. The Trustee's remuneration shall not be limited by any law on compensation of a trustee of an express trust. The Corporation shall reimburse the Trustee promptly upon request for all reasonable disbursements, advances and expenses incurred or made by it in addition to the remuneration for its services. Such expenses shall include the reasonable compensation, disbursements and expenses of the respective agents and outside counsel of the Trustee. Any amount due under this **Section 7.2** and unpaid within 30 days after demand for such payment by the Trustee shall bear interest from the expiration of such 30 days at a rate per annum equal to the current rate charged by the Trustee to similar clients. This **Section 7.2** shall survive the removal or termination of the Trustee and the termination of this Indenture.

### **7.3 To Give Notice of Default**

The Corporation shall notify in writing the Trustee immediately upon obtaining knowledge of any default or Event of Default hereunder.

### **7.4 Preservation of Existence, etc.**

Subject to the express provisions hereof, the Corporation will carry on and conduct its activities, and cause its Subsidiaries to carry on and conduct their businesses, in a proper, efficient and business-like manner and in accordance with good business practices; and, subject to the express provisions hereof, it will do or cause to be done all things necessary to preserve and keep in full force and effect its and its Subsidiaries respective existences and rights.

### **7.5 Additional Covenants**

- (a) The Corporation will keep or cause to be kept proper books of record and account, in which full and correct entries shall be made of all financial transactions and the assets and business of the Corporation in accordance with IFRS.
- (b) The Corporation will take all reasonable steps and actions and do all such acts and things as may be required to: (i) maintain (as long as it meets the minimum listing requirements of such institution) the listing and posting for trading of the Initial Debentures and the Common Shares on the TSX, and (ii) maintain its status as a reporting issuer, or the equivalent thereof, not in default of the requirements of Applicable Securities Legislation.
- (c) The Corporation shall maintain an office or agency at each place of payment for any Debentures where the Debentures may be presented or surrendered for payment, or for registration of transfer or exchange, and where notices and demands to or upon the Corporation in respect of such Debentures and this Indenture may be served. The Corporation will give prompt written notice to the Trustee of the location, and any change in the location, of any such office or agency. If at any time the Corporation shall fail to maintain such required office or agency or shall fail to furnish to the Trustee the address of any such office or agency, such presentations, surrenders, notices and demands may be made or served at the Designated Office and the Corporation hereby appoints the Trustee as its agent to receive all such presentations, surrenders, notices and demands.
- (d) The Corporation shall deliver to the Trustee within 90 days after the end of each fiscal year of the Corporation (and at any other reasonable time upon demand by the Trustee) an Officer's Certificate stating that the Corporation has complied with, in all material respects, all requirements of the Corporation contained in this Indenture that, if not complied with, in all material respects, would, with the giving of notice, lapse of time, or otherwise, constitute an Event of Default. If an Event of Default shall have

occurred, the certificate shall describe the nature and particulars of the Event of Default and its current status and steps taken or proposed to be taken to eliminate such circumstances and remedy such Event of Default, as the case may be.

- (e) The Corporation will, at the relevant times and upon exercise of the relevant rights or elections, comply and take all reasonable measures necessary to comply at all times with **Sections 4.6(c)** and **4.10(c)** including, without limitation, make application for any order, ruling, registration or filing or give any notice required under Applicable Securities Legislation.
- (f) The Corporation shall not declare or pay any cash distribution on any Common Shares at any time after the occurrence of an Event of Default caused by the failure to pay interest on the Debentures when due and until such Event of Default has been cured or waived.

## **7.6 Reporting Requirements**

- (a) The Corporation shall file with the Trustee within 15 days after the filing thereof with the Ontario Securities Commission, copies of the Corporation's annual financial statements and such information, documents and other reports that the Corporation is required to file with the Ontario Securities Commission and deliver to the Corporation's shareholders. Notwithstanding that the Corporation may not be required to remain subject to the reporting requirements of the Ontario Securities Commission, the Corporation shall provide to the Trustee (i) within 90 days after the end of each fiscal year, an annual financial statement of the Corporation, and (ii) within 45 days after the end of each of the first three fiscal quarters of each fiscal year, interim financial statements of the Corporation which shall, at a minimum, contain such information as is required to be provided in quarterly reports under the laws of Canada or any province or territory thereof to security holders of a company with securities listed on the TSX, whether or not the Corporation has any of its securities so listed. Each of such reports will be prepared in accordance with applicable Canadian disclosure requirements and IFRS. The Corporation will provide copies of such information, documents and reports to holders of Debentures upon request. Upon receipt of such reports and financial information, the Trustee shall, while such reports are current, maintain custody of same and make same available for inspection by holders of Debentures on their reasonable request. No obligation shall rest with the Trustee to analyze such reports and financial information or evaluate the performance of the Corporation as indicated therein, in any manner whatsoever.
- (b) The Corporation confirms that as at the date of execution of this Indenture, the Corporation does not have a class of securities registered pursuant to Section 12 of the *US Securities Exchange Act* of 1934, as amended (the "**US Exchange Act**") or have a reporting obligation pursuant to Section 15(d) of the US Exchange Act. The Corporation covenants that in the event that (i) any class of its securities shall become registered pursuant to Section 12 of the US Exchange Act or the Corporation shall incur a reporting obligation pursuant to Section 15(d) of the US Exchange Act or (ii) any such registration or reporting obligation shall be terminated by the Corporation in accordance with the US Exchange Act, the Corporation shall promptly deliver to the Trustee an Officer's Certificate notifying the Trustee of such registration or termination and such other information as the Trustee may require at the time. The Corporation acknowledges that the Trustee is relying upon the provisions of this **Section 7.6(b)** to meet certain obligations to the United States Securities and Exchange Commission (the "**SEC**") with respect to those clients who are filing with the SEC.

## **7.7 Performance of Covenants of Trustee**

If the Corporation shall fail to perform any of its covenants contained in this Indenture and such failure has not been cured or rectified within the time permitted by this Indenture, the Trustee may notify the Debentureholders of such failure on the part of the Corporation or may itself perform any of the covenants capable of being performed

by it, but (subject to **Sections 8.2** and **14.3**) shall be under no obligation to do so or to notify the Debentureholders. All sums so expended or advanced by the Trustee shall be repayable as provided in **Section 7.2**. No such performance, expenditure or advance by the Trustee shall be deemed to relieve the Corporation of any default hereunder.

## **7.8 Taxation**

- (a) The Corporation shall make all payments of principal, premium (if any) and interest (including interest on amounts in default) on the Debentures without withholding of or deduction for or on account of any present or future taxes imposed or levied by any taxing authority unless such taxes are required to be withheld or deducted by the Corporation by law or by the interpretation or administration thereof, or upon demand of the taxing authority. Whenever in this Indenture the Corporation is obligated to make a payment in respect of which it is so required by law or by the interpretation or administration thereof to withhold or deduct a sum in respect of taxes, the provision shall be read and construed so as to permit such deduction or withholding (whether or not explicitly stated in connection with the particular payment obligation). For purposes of this **Section 7.8(a)**, a payment includes amounts deemed to be paid or credited as interest for purposes of Part XIII of the Tax Act. The Corporation shall make any withholdings or deductions in respect of taxes required by law or by the interpretation or administration thereof and shall remit the full amount withheld or deducted to the relevant taxing authority in accordance with applicable law and shall provide the Trustee with full particulars thereof.
- (b) Where **Section 7.8(a)** applies on a conversion or on a redemption or repayment of the Debentures with Common Shares or in any other circumstance where the Corporation is not making a cash payment to a Debentureholder sufficient to satisfy the withholding required under **Section 7.8(a)**, the Trustee, on the Written Direction of the Corporation but for the account of such holder, shall provide reasonable assistance to settle any trades as directed by the Corporation, through the investment banks, brokers or dealers selected by the Corporation, out of the Freely Tradeable Common Shares issued by the Corporation for this purpose, such number of Freely Tradeable Common Shares that is sufficient to yield net proceeds (after payment of all costs) to cover the amount of taxes required to be withheld, and shall remit the same on behalf of the Corporation to the proper tax authorities within the period of time prescribed for this purpose under applicable laws. In the event the Trustee settles the trade of such Freely Tradeable Common Shares pursuant to this **Section 7.8**, the procedures set forth in **Article 10** shall apply *mutatis mutandis* to such sale.
- (c) The Trustee shall have no obligation to verify any payments under the Tax Act or any provision of provincial, state, local or foreign tax law. The Trustee shall at all times be indemnified and held harmless by the Corporation from and against any personal liabilities of the Trustee incurred in connection with the failure of the Corporation or its agents, to report, remit or withhold taxes as required by the Tax Act or otherwise failing to comply with the Tax Act. This indemnification shall survive the resignation or removal of the Trustee and the termination of this Indenture.

## **ARTICLE 8 DEFAULT**

### **8.1 Events of Default**

Each of the following events constitutes, and is herein sometimes referred to as, an “**Event of Default**”:

- (a) failure for 15 days to pay interest on the Debentures when due;
  - (b) failure to pay principal or premium (whether by way of payment of cash or delivery of Common Shares), if
- CAN\_DMS: \141885201\14

any, on the Debentures when due whether at maturity, upon redemption, by declaration of acceleration or otherwise;

- (c) default in the observance or performance of any material covenant or condition of this Indenture by the Corporation which remains unremedied for a period of 30 days after notice in writing has been given by the Trustee to the Corporation specifying such default and requiring the Corporation to remedy such default;
- (d) if a decree or order of a court having jurisdiction is entered adjudging the Corporation a bankrupt or insolvent under the *Bankruptcy and Insolvency Act* (Canada) or any other bankruptcy, insolvency or analogous laws of Canada or any province or territory thereof, or issuing sequestration or process of execution against, or against any substantial part of, the property of the Corporation, or appointing a receiver of, or of any substantial part of, the property of the Corporation or ordering the winding-up or liquidation of its affairs, and any such decree or order continues unstayed and in effect for a period of 45 days or any substantial part of the property of the Corporation shall be sequestered or attached and shall not be returned to the possession of the Corporation or released from such attachment, as the case may be, whether by filing of a bond or stay or otherwise within 45 consecutive days thereafter;
- (e) if the Corporation institutes proceedings to be adjudicated a bankrupt or insolvent, or consents to the institution of bankruptcy or insolvency proceedings against it under the *Bankruptcy and Insolvency Act* (Canada) or any other bankruptcy, insolvency or analogous laws of Canada or any province or territory thereof, or consents to the filing of any such petition or to the appointment of a receiver, or liquidator or trustee or assignee in bankruptcy or insolvency for it, or of any substantial part of the property of the Corporation or makes a general assignment for the benefit of creditors, or is unable to or admits in writing its inability to pay its debts generally as they become due, or any corporate action shall be taken by the Corporation in furtherance of any of the aforesaid actions;
- (f) if a resolution is passed for the winding-up or liquidation of the Corporation except in the course of carrying out or pursuant to a transaction in respect of which the conditions of **Section 11.1** are duly observed and performed; or
- (g) if, after the date of this Indenture, any proceedings with respect to the Corporation are taken with respect to a compromise or arrangement, with respect to creditors of the Corporation generally, under the applicable legislation of any jurisdiction;

in each and every such event the Trustee may, in its discretion, and shall, upon receipt of a request in writing signed by the holders of not less than 25% in principal amount of the Debentures then outstanding, subject to the provisions of **Section 8.3**, by notice in writing to the Corporation declare the principal of, and premium, if any, and accrued interest on, all Debentures then outstanding and all other moneys outstanding hereunder to be due and payable and the same shall forthwith become immediately due and payable to the Trustee, anything therein or herein to the contrary notwithstanding, and the Corporation shall forthwith pay to the Trustee for the benefit of the Debentureholders such principal of, and premium, if any, accrued and unpaid interest and interest on amounts in default on, such Debenture (and, where such a declaration is based upon a voluntary winding-up or liquidation of the Corporation, the premium, if any, on the Debentures then outstanding which would have been payable upon the redemption thereof by the Corporation on the date of such declaration) and all other moneys outstanding hereunder, together with subsequent interest at the rate borne by the Debentures on such principal, interest and such other moneys from the date of the said declaration until payment is received by the Trustee, such subsequent interest to be payable at the times and places and in the moneys mentioned in and according to the tenor of the Debentures. Such payment when made shall be deemed to have been made in discharge of the Corporation's obligations hereunder and any moneys so received by the Trustee shall be applied in the manner provided in **Section 8.7**.

## **8.2 Notice of Events of Default**

CAN\_DMS: \141885201\14

If an Event of Default shall occur and be continuing the Trustee shall, within 30 days after it receives written notice of the occurrence of such Event of Default, give notice of such Event of Default to the Debentureholders in the manner provided in **Section 14.2, provided**, however, that notwithstanding the foregoing, unless the Trustee shall have been requested to do so by the holders of at least 25% of the principal amount of the Debentures then outstanding, the Trustee shall not be required to give such notice if the Trustee reasonably and in good faith shall have determined on the advice of Counsel that the withholding of such notice is in the best interests of the Debentureholders and shall have so advised the Corporation in writing.

### **8.3 Waiver of Default**

Upon the happening of any Event of Default hereunder:

- (a) the holders of the Debentures shall have the power (in addition to the powers exercisable by Extraordinary Resolution as hereinafter provided) by requisition in writing by the holders of 66 $\frac{2}{3}$ % of the principal amount of Debentures then outstanding or by Extraordinary Resolution of Debentureholders at a meeting held in accordance with **Article 13**, to instruct the Trustee to waive any Event of Default except a default in the payment of the principal of, or premium, if any, or interest on any Debentures, or in respect of a covenant or provision hereof that under the Corporation Indenture cannot be modified or amended without the consent of the holder of each outstanding Debenture of such series of Debentures affected and the Trustee shall thereupon waive the Event of Default upon such terms and conditions as shall be prescribed in such requisition; **provided**, however, that notwithstanding the foregoing, if the Event of Default has occurred by reason of the non-observance or non-performance by the Corporation of any covenant applicable only to one or more series of Debentures, then the holders of not less than 66 $\frac{2}{3}$ % of the principal amount of the outstanding Debentures of those series shall be entitled to exercise the foregoing power and the Trustee shall so act and it shall not be necessary to obtain a waiver from the holders of any other series of Debentures; and
- (b) the Trustee, so long as it has not become bound to declare the principal and interest on the Debentures then outstanding to be due and payable, or to obtain or enforce payment of the same, shall have power to waive any Event of Default if, in the Trustee's reasonable opinion, the same shall have been cured or adequate satisfaction made therefor, and in such event to cancel any such declaration theretofore made by the Trustee in the exercise of its discretion, upon such terms and conditions as the Trustee may deem advisable.

No such act or omission either of the Trustee or of the Debentureholders shall extend to or be taken in any manner whatsoever to affect any subsequent Event of Default or the rights resulting therefrom.

### **8.4 Waiver of Declaration**

At any time after a declaration of acceleration with respect to the Debentures has been made pursuant to **Section 8.1** and before a judgment or decree for payment of the money due has been obtained by the Trustee as hereinafter provided, the holders of 66 $\frac{2}{3}$ % of the principal amount of outstanding Debentures, by written notice to the Corporation and the Trustee or by Extraordinary Resolution of Debentureholders at a meeting held in accordance with **Article 13**, may thereupon rescind and annul such declaration and its consequences if the Corporation has paid or deposited with the Trustee a sum sufficient to pay:

- (a) all overdue interest on all Debentures;
- (b) the principal of (and premium, if any) any of the Debentures which have become due otherwise than by such declaration of acceleration, and interest thereon at the rate or rates prescribed therefor in such Debentures; and

- (c) to the extent that payment of such interest is lawful and applicable, interest upon overdue instalments of interest at the rate or rates prescribed therefor in such Debentures; and

all Events of Default with respect to the Debentures, other than the non-payment of the principal of (and premium, if any), and interest on, such Debentures which have become due solely by such declaration of acceleration, have been cured or waived in accordance with the provisions of this Indenture.

## **8.5 Enforcement by the Trustee**

- (a) Subject to the provisions of **Section 8.3** and to the provisions of any Extraordinary Resolution that may be passed by the Debentureholders, if the Corporation shall fail to pay to the Trustee, forthwith after the same shall have been declared to be due and payable under **Section 8.1**, the principal of and premium (if any) and interest on all Debentures then outstanding, together with any other amounts due hereunder, then the Trustee may in its discretion and shall upon receipt of a request in writing signed by the holders of not less than 25% in principal amount of the Debentures then outstanding and upon being secured, funded and indemnified to its reasonable satisfaction against all costs, expenses and liabilities to be incurred, proceed in its name as trustee hereunder to obtain or enforce payment of the said principal of and premium (if any) and interest on all the Debentures then outstanding together with any other amounts due hereunder by such proceedings authorized by this Indenture or by law or equity as the Trustee in such request shall have been directed to take, or if such request contains no such direction, or if the Trustee shall act without such request, then by such proceedings authorized by this Indenture or by suit at law or in equity as the Trustee shall deem expedient.
- (b) The Trustee shall be entitled and empowered, either in its own name or as trustee of an express trust, or as attorney-in-fact for the holders of the Debentures, or in any one or more of such capacities, to file such proof of debt, amendment of proof of debt, claim, petition or other document as may be necessary or advisable in order to have the claims of the Trustee and of the holders of the Debentures allowed in any insolvency, bankruptcy, liquidation or other judicial proceedings relative to the Corporation or its creditors or relative to or affecting its property. The Trustee is hereby irrevocably appointed (and the successive respective holders of the Debentures by taking and holding the same shall be conclusively deemed to have so appointed the Trustee) the true and lawful attorney-in-fact of the respective holders of the Debentures with authority to make and file in the respective names of the holders of the Debentures or on behalf of the holders of the Debentures as a class, subject to deduction from any such claims of the amounts of any claims filed by any of the holders of the Debentures themselves, any proof of debt, amendment of proof of debt claim, petition or other document in any such proceedings and to receive payment of any sums becoming distributable on account thereof, and to execute any such other papers and documents and to do and perform any and all such acts and things for and on behalf of such holders of the Debentures, as may be necessary or advisable in the opinion of the Trustee relying on the advice of Counsel, in order to have the respective claims of the Trustee and of the holders of the Debentures against the Corporation or its property allowed in any such proceeding, and to receive payment of or on account of such claims; **provided**, however, that nothing contained in this Indenture shall be deemed to give to the Trustee, unless so authorized by Extraordinary Resolution, any right to accept or consent to any plan of reorganization or otherwise by action of any character in such proceeding to waive or change in any way any right of any Debentureholder.
- (c) The Trustee shall have the power at any time and from time to time to institute and to maintain such suits and proceedings as it may be advised by Counsel shall be necessary or advisable to preserve and protect its interests and the interests of the Debentureholders.
- (d) All rights of action hereunder may be enforced by the Trustee without the possession of any of the Debentures or the production thereof on the trial or other proceedings relating thereto. Any such suit or

proceeding instituted by the Trustee shall be brought in the name of the Trustee as trustee of an express trust, and any recovery of judgment shall be for the rateable benefit of the holders of the Debentures subject to the provisions of this Indenture. In any proceeding brought by the Trustee (and also any proceeding in which a declaratory judgment of a court may be sought as to the interpretation or construction of any provision of this Indenture, to which the Trustee shall be a party) the Trustee shall be held to represent all the holders of the Debentures, and it shall not be necessary to make any holders of the Debentures parties to any such proceeding.

#### **8.6 No Suits by Debentureholders**

No holder of any Debenture shall have any right to institute any action, suit or proceeding at law or in equity for the purpose of enforcing payment of the principal of or interest on the Debentures or for the execution of any trust or power hereunder or for the appointment of a liquidator or receiver or for a receiving order under the *Bankruptcy and Insolvency Act* (Canada) or to have the Corporation wound up or to file or prove a claim in any liquidation or bankruptcy proceeding or for any other remedy hereunder, unless (a) such holder shall previously have given to the Trustee written notice of the happening (or continuance) of an Event of Default hereunder; (b) the Debentureholders by Extraordinary Resolution or by written instrument signed by the holders of at least 25% in principal amount of the Debentures then outstanding shall have made a request to the Trustee and the Trustee shall have been afforded reasonable opportunity either itself to proceed to exercise the powers hereinbefore granted or to institute an action, suit or proceeding in its name for such purpose; (c) the Debentureholders or any of them shall have furnished to the Trustee, when so requested by the Trustee, sufficient funds, security and indemnity satisfactory to it against the costs, expenses and liabilities to be incurred therein or thereby; (d) the Trustee shall have failed to act within 30 days after such notification, request and offer of funding, security and indemnity and such notification, request and offer of funding, security and indemnity are hereby declared in every such case, at the option of the Trustee, to be conditions precedent to any such proceeding or for any other remedy hereunder by or on behalf of the holder of any Debentures; and (e) during such 30 day period, the holders of 66<sup>2</sup>/<sub>3</sub>% of the principal amount of Debentures do not give the Trustee a direction inconsistent with the request, including a waiver pursuant to **Section 8.4**.

#### **8.7 Application of Moneys by Trustee**

- (a) Except as herein otherwise expressly provided, any moneys received by the Trustee from the Corporation pursuant to the foregoing provisions of this **Article 8**, or as a result of legal or other proceedings or from any trustee in bankruptcy or liquidator of the Corporation, shall be applied, together with any other moneys in the hands of the Trustee available for such purpose, as follows:
- (i) first, in payment or in reimbursement to the Trustee of its compensation, costs, charges, expenses, borrowings, advances or other moneys furnished or provided by or at the instance of the Trustee in or about the execution of its trusts under, or otherwise in relation to, this Indenture, with interest thereon as herein provided;
  - (ii) second, but subject as hereinafter in this **Section 8.7** provided, in payment, rateably and proportionately to the holders of Debentures, of the principal of and premium (if any) and accrued and unpaid interest and interest on amounts in default on the Debentures which shall then be outstanding in the priority of principal first and then premium and then accrued and unpaid interest and interest on amounts in default unless otherwise directed by Extraordinary Resolution and in that case in such order or priority as between principal, premium (if any) and interest as may be directed by such resolution; and
  - (iii) third, in payment of the surplus, if any, of such moneys to the Corporation or its assigns;

**provided**, however, that no payment shall be made pursuant to **Section 8.7(a)(ii)** above in respect of the principal, premium or interest on any Debenture held, directly or indirectly, by or for the benefit of the Corporation or any Subsidiary (other than any Debenture pledged for value and in good faith to a Person other than the Corporation or any Subsidiary but only to the extent of such Person's interest therein) except subject to the prior payment in full of the principal, premium (if any) and interest (if any) on all Debentures which are not so held.

- (b) The Trustee shall not be bound to apply or make any partial or interim payment of any moneys coming into its hands if the amount so received by it, after reserving thereout such amount as the Trustee may think necessary to provide for the payments mentioned in **Section 8.7(a)**, is insufficient to make a distribution of at least 2% of the aggregate principal amount of the outstanding Debentures, but it may retain the money so received by it and invest or deposit the same as provided in **Section 15.9** until the money or the investments representing the same, with the income derived therefrom, together with any other moneys for the time being under its control shall be sufficient for the said purpose or until it shall consider it advisable to apply the same in the manner hereinbefore set forth. The foregoing shall, however, not apply to a final payment or distribution hereunder.

#### **8.8 Notice of Payment by Trustee**

Not less than 15 days' notice shall be given in the manner provided in **Section 14.2** by the Trustee to the Debentureholders of any payment to be made under this **Article 8**. Such notice shall state the time when and place where such payment is to be made and also the liability under this Indenture to which it is to be applied. After the day so fixed, unless payment shall have been duly demanded and have been refused, the Debentureholders will be entitled to interest only on the balance (if any) of the principal moneys, premium (if any) and interest due (if any) to them, respectively, on the Debentures, after deduction of the respective amounts payable in respect thereof on the day so fixed.

#### **8.9 Trustee May Demand Production of Debentures**

The Trustee shall have the right to demand production of the Debentures in respect of which any payment of principal, interest or premium required by this **Article 8** is made and may cause to be endorsed on the same a memorandum of the amount so paid and the date of payment, but the Trustee may, in its discretion, dispense with such production (in respect of interest payments only) and endorsement, upon such indemnity being given to it and to the Corporation as the Trustee shall deem sufficient.

#### **8.10 Remedies Cumulative**

No remedy herein conferred upon or reserved to the Trustee, or upon or to the holders of Debentures is intended to be exclusive of any other remedy, but each and every such remedy shall be cumulative and shall be in addition to every other remedy given hereunder or now existing or hereafter to exist by law or by statute.

#### **8.11 Judgment Against the Corporation**

The Corporation covenants and agrees with the Trustee that, in case of any judicial or other proceedings to enforce the rights of the Debentureholders, judgment may be rendered against it in favour of the Debentureholders or in favour of the Trustee, as trustee for the Debentureholders, for any amount which may remain due in respect of the Debentures and premium (if any) and the interest thereon and any other moneys owing hereunder.

#### **8.12 Control by Holders**

- (a) The holders of at least a majority in principal amount of the outstanding Debentures, may direct the time,  
CAN\_DMS: \141885201\14

method and place (in Ontario) of conducting any proceeding for any remedy available to the Trustee or exercising any trust or power conferred on it with respect to the Debentures; and take any other action authorized to be taken by or on behalf of the holders of any specified aggregate principal amount of Debentures under any provisions of this Indenture or under all applicable laws.

- (b) The Trustee may refuse to follow any direction that conflicts with law, this Indenture or any Extraordinary Resolution.

### **8.13 Rights of Holders to Receive Payment**

Notwithstanding any other provision of this Indenture, the right of any holder to receive payment of principal of, and premium (if any) and interest on, the Debentures held by such holder, on or after the respective due dates expressed in the Debentures (or, in the case of redemption, on the Redemption Date), or to bring suit for the enforcement of any such payment on or after such respective dates, shall not be impaired or affected without the consent of the holder.

### **8.14 Delay or Omission Not Waiver**

No delay or omission of the Trustee or of any holder to exercise any right or remedy accruing upon any Event of Default shall impair any such right or remedy or constitute a waiver of any such Event of Default or an acquiescence therein. Every right and remedy given by this **Article 8** or by law to the Trustee or to the holders may be exercised from time to time, and as often as may be deemed expedient, by the Trustee or by the holders, as the case may be.

## **ARTICLE 9 SATISFACTION AND DISCHARGE**

### **9.1 Cancellation and Destruction**

All Debentures shall forthwith after payment thereof be delivered to the Trustee and cancelled by it. All Debentures cancelled or required to be cancelled under this or any other provision of this Indenture shall be cancelled by the Trustee and, if required by the Corporation, the Trustee shall furnish to it a cancellation certificate setting out the designating numbers of the Debentures so cancelled.

### **9.2 Non-Presentation of Debentures**

In case the holder of any Debenture shall fail to present the same for payment on the date on which the principal, premium (if any) or the interest thereon or represented thereby becomes payable either at maturity or otherwise or fails to accept payment on account thereof and give such receipt therefor, if any, as the Trustee may require:

- (a) the Corporation shall be entitled to pay or deliver to the Trustee and direct the Trustee to set aside; or
- (b) in respect of moneys or Common Shares in the hands of the Trustee which may or should be applied to the payment of the Debentures, the Corporation shall be entitled to direct the Trustee to set aside; or
- (c) if the redemption was pursuant to notice given by the Trustee, the Trustee may itself set aside;

the principal, premium (if any) or the interest or Common Shares, as the case may be, in trust, without interest, either in the deposit department of the Trustee or in a chartered bank, and such setting aside shall for all purposes be deemed a payment to the Debentureholder of the sum so set aside and, to that extent, the Debenture shall thereafter

CAN\_DMS: \141885201\14

not be considered as outstanding hereunder and the Debentureholder shall have no other right except to receive payment out of the moneys so paid and deposited or to take delivery of the Common Shares so deposited plus distributions and accretions on Common Shares, if applicable, upon due presentation and surrender thereof, subject always to the provisions of **Section 9.3**.

### **9.3 Repayment of Unclaimed Moneys or Common Shares**

Subject to applicable law, in the event that any moneys or Common Shares, if applicable, required to be set aside or deposited under **Section 9.2** shall remain so deposited or set aside for a period of ten years after the date of such setting aside or depositing, then such moneys or certificates, together with any accumulated interest thereon, shall at the end of such period be paid over or delivered over by the Trustee to the Corporation on its written demand, and thereupon the Trustee shall not be responsible to the Debentureholders for any amounts owing to them and, subject to applicable law, thereafter the holder of a Debenture in respect of which such moneys or Common Shares, if applicable, were so repaid to the Corporation shall have no rights in respect thereof except to obtain payment and delivery of the money or Common Shares, if applicable, due from the Corporation, subject to any limitation provided by the laws of the Province of Ontario. Notwithstanding the foregoing, the Trustee will pay any remaining funds prior to the expiry of ten years after the setting aside described in **Section 9.2** to the Corporation upon receipt from the Corporation of an unconditional letter of credit from a Canadian chartered bank in an amount equal to or in excess of the amount of the remaining funds. If the remaining funds are paid to the Corporation prior to the expiry of ten years after such setting aside, the Corporation shall reimburse the Trustee for any amounts so set aside which are required to be paid by the Trustee to a holder of a Debenture after the date of such payment of the remaining funds to the Corporation but prior to ten years after such setting aside and such letter of credit shall be reduced to the extent of the amount of such reimbursement. If the Corporation fails to so reimburse the Trustee, the Trustee may draw on the letter of credit.

### **9.4 Discharge**

The Trustee shall at the written request of the Corporation release and discharge this Indenture and execute and deliver such instruments as it shall be advised by Counsel are requisite for that purpose and to release the Corporation from its covenants herein contained (other than the provisions relating to the remuneration and indemnification of the Trustee), upon proof being given to the reasonable satisfaction of the Trustee that the principal and premium (if any) of and interest (including interest on amounts in default, if any), on all the Debentures and all other moneys payable hereunder have been paid or satisfied or that, all the Debentures having matured or having been duly called for redemption, payment of the principal of and interest (including interest on amounts in default, if any) on such Debentures and of all other moneys payable hereunder has been duly and effectually provided for in accordance with the provisions hereof.

### **9.5 Satisfaction**

- (a) The Corporation shall be deemed to have fully paid, satisfied and discharged all of the outstanding Debentures of any series and the Trustee, at the expense of the Corporation, shall execute and deliver proper instruments acknowledging the full payment, satisfaction and discharge of such Debentures, when, with respect to all of the outstanding Debentures or all of the outstanding Debentures of any series, as applicable, either:
  - (i) the Corporation has deposited or caused to be deposited with the Trustee as trust funds or property in trust for the purpose of making payment on such Debentures, an amount in money or Common Shares, if applicable, sufficient to pay, satisfy and discharge the entire amount of principal, premium, if any, and interest, if any, to maturity or any repayment date or Redemption Dates, or any Change of Control Purchase Date, or upon conversion or otherwise as the case may be, of such Debentures; or

- (ii) the Corporation has deposited or caused to be deposited with the Trustee as trust property in trust for the purpose of making payment on such Debentures:
  - (A) if the Debentures are issued in Canadian dollars, such amount in Canadian dollars of direct obligations of, or obligations the principal and interest of which are guaranteed by, the Government of Canada or Common Shares, if applicable; or
  - (B) if the Debentures are issued in a currency or currency unit other than Canadian dollars, cash in the currency or currency unit in which the Debentures are payable and/or such amount in such currency or currency unit of direct obligations of, or obligations the principal and interest of which are guaranteed by, the Government of Canada or the government that issued the currency or currency unit in which the Debentures are payable or Common Shares, if applicable;

as will, together with the income to accrue thereon and reinvestment thereof, be sufficient to pay and discharge the entire amount of principal of, premium, if any on, and accrued and unpaid interest to maturity or any repayment date, as the case may be, of all such Debentures;

and in either event:

- (iii) the Corporation has paid, caused to be paid or made provisions to the satisfaction of the Trustee for the payment of all other sums payable with respect to all of such Debentures (together with all applicable expenses of the Trustee in connection with the payment of such Debentures); and
- (iv) the Corporation has delivered to the Trustee an Officer's Certificate stating that all conditions precedent herein provided relating to the payment, satisfaction and discharge of all such Debentures have been complied with.

Any deposits with the Trustee referred to in this **Section 9.5** shall be irrevocable, subject to **Section 9.3** and **Section 9.6**, and shall be made under the terms of an escrow and/or trust agreement in form and substance satisfactory to the Trustee and which provides for the due and punctual payment of the principal of, and interest and premium, if any, on the Debentures being satisfied.

- (b) Upon the satisfaction of the conditions set forth in this **Section 9.5** with respect to all the outstanding Debentures, or all the outstanding Debentures of any series, as applicable, the terms and conditions of the Debentures, including the terms and conditions with respect thereto set forth in this Indenture (other than those contained in **Article 2**, **Article 4**, **Article 6**, **Section 8.5** and **Section 15.15** and the provisions of **Article 1** pertaining to **Article 2**, **Article 4**, **Article 6**, **Section 8.5** and **Section 15.15**) shall no longer be binding upon or applicable to the Corporation.
- (c) Any funds or obligations deposited with the Trustee pursuant to this **Section 9.5** shall be denominated in the currency or denomination of the Debentures in respect of which such deposit is made.
- (d) If the Trustee is unable to apply any money or securities in accordance with this **Section 9.5** by reason of any legal proceeding or any order or judgment of any court or governmental authority enjoining, restraining or otherwise prohibiting such application, then the Corporation's obligations under this Indenture and the affected Debentures shall be revived and reinstated as though no money or securities had been deposited pursuant to this **Section 9.5** until such time as the Trustee is permitted to apply all such money or securities in accordance with this **Section 9.5**; **provided**, however, that if the Corporation has made any payment in respect of principal, premium or interest on Debentures or, as applicable, other amounts because of the reinstatement of its obligations, then the Corporation shall be subrogated to the rights of the holders of such

Debentures to receive such payment from the money or securities held by the Trustee.

## **9.6 Continuance of Rights, Duties and Obligations**

- (a) Where trust funds or trust property have been deposited pursuant to **Section 9.5**, the holders of Debentures and the Corporation shall continue to have and be subject to their respective rights, duties and obligations under **Article 2, Article 4, Article 6** and **Section 15.15**.
- (b) In the event that, after the deposit of trust funds or trust property pursuant to **Section 9.5** in respect of a series of Debentures (the “**Defeased Debentures**”), any holder of any of the Defeased Debentures from time to time converts its Debentures to Common Shares or other securities of the Corporation in accordance with **Section 2.4(d)** (in respect of Initial Debentures or the comparable provision of any other series of Debentures), **Article 6** or any other provision of this Indenture, the Trustee shall upon receipt of a Written Direction of the Corporation return to the Corporation from time to time the proportionate amount of the trust funds or other trust property deposited with the Trustee pursuant to **Section 9.5** in respect of the Defeased Debentures which is applicable to the Defeased Debentures so converted (which amount shall be based on the applicable principal amount of the Defeased Debentures being converted in relation to the aggregate outstanding principal amount of all the Defeased Debentures).
- (c) In the event that, after the deposit of trust funds or trust property pursuant to **Section 9.5**, the Corporation is required to make a Change of Control Purchase Offer to purchase any outstanding Debentures pursuant to **Section 2.4(k)** (in respect of Initial Debentures or the comparable provision of any other series of Debentures), in relation to Initial Debentures or to make an offer to purchase Debentures pursuant to any other similar provisions relating to any other series of Debentures, the Corporation shall be entitled to use any trust money or trust property deposited with the Trustee pursuant to **Section 9.5** for the purpose of paying to any holders of Defeased Debentures who have accepted any such offer of the Corporation the Total Offer Price payable to such holders in respect of such Change of Control Purchase Offer in respect of Initial Debentures (or the total offer price payable in respect of an offer relating to any other series of Debentures). Upon receipt of a Written Direction of the Corporation, the Trustee shall be entitled to pay to such holder from such trust money or trust property deposited with the Trustee pursuant to **Section 9.5** in respect of the Defeased Debentures which is applicable to the Defeased Debentures held by such holders who have accepted any such offer to the Corporation, which amount shall be based on the applicable principal amount of the Defeased Debentures held by accepting offerees in relation to the aggregate outstanding principal amount of all the Defeased Debentures.

## **ARTICLE 10 COMMON SHARE INTEREST PAYMENT ELECTION**

### **10.1 Common Share Interest Payment Election**

- (a) Provided that no Event of Default has occurred and is continuing and that all necessary regulatory approvals have been obtained (including any required approval of any stock exchange on which the Debentures or Common Shares are then listed), the Corporation shall have the right, at any time and from time to time, to make a Common Share Interest Payment Election in respect of any Interest Obligation, in whole or in part, by delivering a Common Share Interest Payment Election Notice to the Trustee no later than the earlier of: (i) the date required by applicable law or the rules of any stock exchange on which the Debentures or Common Shares are then listed, and (ii) the day which is 15 Business Days prior to the Interest Payment Date to which the Common Share Interest Payment Election relates. Such Common Share Interest Payment Election Notice shall provide that all or a portion of the Interest Obligation may be paid by the Corporation in Common Shares, and if only a portion of the Interest Obligation is to be paid in Common Shares, the Common Share Interest Payment Election shall state such portion to be paid in

Common Shares and such portion to be paid in cash.

- (b) Upon receipt of a Common Share Interest Payment Election Notice, the Trustee shall, in accordance with this **Section 10.1** and such Common Share Interest Payment Election Notice, deliver Common Share Bid Requests to the investment banks, brokers or dealers identified by the Corporation, in its absolute discretion, in the Common Share Interest Payment Election Notice. In connection with the Common Share Interest Payment Election, the Trustee shall have the power to: (i) accept delivery of the Common Shares from the Corporation and process the Common Shares in accordance with the Common Share Interest Payment Election Notice; (ii) facilitate settlement of sales of, such Common Shares, each as the Corporation shall direct in its absolute discretion through the investment banks, brokers or dealers identified by the Corporation in the Common Share Interest Payment Election Notice; (iii) invest the proceeds of such sales in accordance with the provisions of this **Section 10.1** and **Section 15.9** and use such proceeds to pay the Interest Obligation in respect of which the Common Share Interest Payment Election was made; and (iv) perform any other action necessarily incidental thereto as directed by the Corporation in its absolute discretion.
- (c) The Common Share Interest Payment Election Notice shall provide confirmation from the Corporation that all necessary regulatory approvals have been obtained and shall also provide for, and all bids, if any, shall be subject to, the right of the Corporation, by delivering written notice to the Trustee at any time prior to the consummation of such delivery and sale of the Common Shares on the Common Share Delivery Date, to withdraw the Common Share Interest Payment Election and each related Common Share Bid Request, whereupon the Corporation shall be obliged to pay in cash the amount payable pursuant to the Interest Obligation in respect of which the Common Share Interest Payment Election Notice has been delivered.
- (d) Any sale of Common Shares pursuant to this **Article 10** may be made to one or more Persons whose bids are solicited and accepted by the Corporation.
- (e) The amount of cash receivable by a holder of a Debenture in respect of the Interest Obligation or the entitlement thereto or the timing of payment thereof will not be affected by whether or not the Corporation elects to satisfy the Interest Obligation pursuant to a Common Share Interest Payment Election.
- (f) The Trustee shall facilitate settlement of sales as the Corporation, in its absolute discretion, shall direct by Written Direction of the Corporation, **provided** that the aggregate proceeds of all sales of Common Shares resulting from such sales, together with the amount of any cash payment by the Corporation in lieu of any fractional Common Shares, on the Common Share Delivery Date, must be equal to the related Common Share Interest Payment Election Amount. In connection with any bids so accepted, the Corporation and the applicable bidders shall, not later than the Common Share Delivery Date, enter into Common Share Purchase Agreements and shall comply with all Applicable Securities Legislation, including the securities rules and regulations of any stock exchange on which the Debentures or Common Shares are then listed. The Corporation shall pay all fees and expenses in connection with the Common Share Purchase Agreements including the fees and commissions charged by the investment banks, brokers and dealers and the fees of the Trustee.
- (g) Provided that (i) all conditions specified in each Common Share Purchase Agreement to the closing of all sales thereunder have been satisfied, other than the delivery of the Common Shares to be sold thereunder against payment of the purchase price thereof, and (ii) the purchasers under each Common Share Purchase Agreement shall be ready, willing and able to perform thereunder, in each case on the Common Share Delivery Date, the Corporation shall, on the Common Share Delivery Date, issue and deliver to the Trustee the Common Shares to be sold on such date, an amount in cash equal to the value of any fractional Common Shares and an Officer's Certificate to the effect that all conditions precedent to such sales, including those set forth in this Indenture and in each Common Share Purchase Agreement, have been

satisfied. Upon such deliveries, the Trustee shall, on such Common Share Delivery Date, deliver (or cause to be delivered) such Common Shares to such purchasers against payment to the Trustee in immediately available funds of the purchase price therefor in an aggregate amount equal to the Common Share Interest Payment Election Amount (less any amount attributable to any fractional Common Shares), whereupon the sole right of a holder of Debentures to receive such holder's portion of the Common Share Interest Payment Election Amount will be to receive same from the Trustee out of the proceeds of such sales of Common Shares plus any amount received by the Trustee from the Corporation attributable to any fractional Common Shares in full satisfaction of the Interest Obligation and the holder will have no further recourse to the Corporation in respect of the amount payable pursuant to the Interest Obligation.

- (h) The Trustee shall, on the Common Share Delivery Date, use the sale proceeds of the Common Shares (together with any cash received from the Corporation) to purchase, on the direction of the Corporation in writing, Authorized Investments which mature prior to the applicable Interest Payment Date and which the Trustee is required to hold until maturity (the “**Common Share Proceeds Investment**”) and shall, on such date, deposit the balance, if any, of such sale proceeds in the Property Account for such Debentures. The Trustee shall hold such Common Share Proceeds Investment (but not income earned thereon) under its exclusive control in an irrevocable trust for the benefit of the holders of the Debentures. At least one Business Day prior to the Interest Payment Date, the Trustee shall deposit amounts from the proceeds of the Common Share Proceeds Investment in the Property Account to bring the balance of the Property Account to the Common Share Interest Payment Election Amount. On the Interest Payment Date, the Trustee shall pay the funds held in the Property Account to the holders of record of the Debentures on the Record Date of such Interest Payment Date (less any tax required to be withheld, if any) and, provided there is no Event of Default, shall remit amounts, if any, in respect of income earned on the Common Share Proceeds Investment or otherwise in excess of the Common Share Interest Payment Election Amount to the Corporation.
- (i) Neither the making of a Common Share Interest Payment Election nor the consummation of sales of Common Shares on a Common Share Delivery Date shall (i) result in the holders of the Debentures not being entitled to receive on the applicable Interest Payment Date cash in an aggregate amount equal to the amount payable pursuant to the Interest Obligation on such date or (ii) entitle such holders to receive any Common Shares in satisfaction of such Interest Obligation.
- (j) No fractional Common Shares will be issued in satisfaction of interest but in lieu thereof the Corporation will satisfy such fractional interest by a cash payment equal to the Current Market Price of such fractional interest (less any tax required to be withheld, if any).

## **ARTICLE 11 SUCCESSORS**

### **11.1 Restrictions on Amalgamation, Merger and Sale of Certain Assets, etc.**

- (a) The Corporation shall not enter into any transaction or series of transactions whereby all or substantially all of its undertaking, property or assets would become the property of any other Person (a “**Successor**”) whether by way of reorganization, consolidation, amalgamation, arrangement, merger, transfer, sale or otherwise, unless:
  - (i) prior to or contemporaneously with the consummation of such transaction the Corporation and the Successor shall have executed such instruments and done such things as, in the opinion of Counsel, are necessary or advisable to establish that upon the consummation of such transaction:

(A) the Successor will have assumed all the covenants and obligations of the Corporation

under this Indenture in respect of the Debentures;

- (B) the Debentures will be valid and binding obligations of the Successor entitling the holders thereof, as against the Successor, to all the rights of Debentureholders under this Indenture, including the rights of conversion set out in **Article 2** and **Article 6**; and
  - (C) in the case of the entity organized otherwise than under the laws of the Province of Ontario, the Successor shall attorn to the jurisdiction of the courts of the Province of Ontario;
- (ii) such transaction, in the opinion of Counsel, shall be on such terms as to substantially preserve and not materially and adversely impair any of the rights and powers of the Trustee or of the Debentureholders hereunder; and
  - (iii) no condition or event shall exist as to the Corporation (at the time of such transaction) or the Successor (immediately after such transaction) and after giving full effect thereto or immediately after the Successor shall become liable to pay the principal monies, premium, if any, interest and other monies due or which may become due hereunder, which constitutes or would constitute an Event of Default hereunder.

## 11.2 Vesting of Powers in Successor

Whenever the conditions of **Section 11.1** shall have been duly observed and performed, any Successor formed by or resulting from such transaction shall succeed to, and be substituted for, and may exercise every right and power of the Corporation under this Indenture with the same effect as though the Successor had been named as the Corporation herein and thereafter, except in the case of a lease or other similar disposition of property to the Successor, the Corporation shall be relieved of all obligations and covenants under this Indenture and the Debentures forthwith upon the Corporation delivering to the Trustee an opinion of Counsel to the effect that the transaction shall not result in any material adverse tax consequences to the Corporation or the Successor. The Trustee will, at the expense of the Successor, execute any documents which it may be advised by Counsel are necessary or advisable for effecting or evidencing such release and discharge.

## ARTICLE 12 COMPULSORY ACQUISITION

### 12.1 Definitions

In this Article:

- (a) “**Affiliate**” and “**Associate**” shall have their respective meanings set forth in the *Securities Act* (Ontario);
- (b) “**Dissenting Debentureholders**” means a Debentureholder who does not accept an Offer referred to in **Section 12.2** and includes any assignee of the Debentureholder to whom such an Offer is made, whether or not such assignee is recognized under this Indenture;
- (c) “**Offer**” means an offer to acquire outstanding Debentures, which is a takeover bid for Debentures within the meaning ascribed thereto in National Instrument 62-104 - *Take-Over Bids and Issuer Bids* if the Debentures were considered equity securities, where, as of the date of the offer to acquire, the Debentures that are subject to the offer to acquire, together with the Offeror’s Debentures, constitute in the aggregate 20% or more of the outstanding principal amount of the Debentures;

- (d) “offer to acquire” includes an acceptance of an offer to sell;
- (e) “Offeror” means a person, or two or more persons acting jointly or in concert, who make an Offer to acquire Debentures;
- (f) “Offeror’s Debentures” means Debentures beneficially owned, or over which control or direction is exercised, on the date of an Offer by the Offeror, any Affiliate or Associate of the Offeror or any person acting jointly or in concert with the Offeror; and
- (g) “Offeror’s Notice” means the notice described in **Section 12.3**.

## **12.2 Offer for Debentures**

If an Offer for all of the outstanding Debentures (other than Debentures held by or on behalf of the Offeror or an Affiliate or Associate of the Offeror) is made and:

- (a) within the time provided in the Offer for its acceptance or within 120 days after the date the Offer is made, whichever period is the shorter, the Offer is accepted by Debentureholders representing at least 90% of the outstanding principal amount of the Debentures, other than the Offeror’s Debentures;
- (b) the Offeror is bound to take up and pay for, or has taken up and paid for, the Debentures of the Debentureholders who accepted the Offer; and
- (c) the Offeror complies with **Sections 12.3** and **12.5**;

the Offeror is entitled to acquire, and the Dissenting Debentureholders are required to sell to the Offeror, the Debentures held by the Dissenting Debentureholder for the same consideration per Debenture payable or paid, as the case may be, under the Offer.

## **12.3 Offeror’s Notice to Dissenting Debentureholders**

Where an Offeror is entitled to acquire Debentures held by Dissenting Debentureholders pursuant to **Section 12.2** and the Offeror wishes to exercise such right, the Offeror shall send by registered mail within 30 days after the date of termination of the Offer a notice (the **Offeror’s Notice**) to each Dissenting Debentureholder stating that:

- (a) Debentureholders holding at least 90% of the principal amount of all outstanding Debentures, other than Offeror’s Debentures, have accepted the Offer;
- (b) the Offeror is bound to take up and pay for, or has taken up and paid for, the Debentures of the Debentureholders who accepted the Offer;
- (c) Dissenting Debentureholders must transfer their respective Debentures to the Offeror on the terms on which the Offeror acquired the Debentures of the Debentureholders who accepted the Offer within 21 days after the date of the sending of the Offeror’s Notice; and
- (d) Dissenting Debentureholders must send their respective Debenture certificate(s), duly endorsed for transfer, to the Trustee within 21 days after the date of the sending of the Offeror’s Notice.

## **12.4 Delivery of Debenture Certificates**

A Dissenting Debentureholder to whom an Offeror's Notice is sent pursuant to **Section 12.3** shall, within 21 days after the sending of the Offeror's Notice, send his or her Debenture certificate(s) to the Trustee duly endorsed for transfer.

#### **12.5 Payment of Consideration to Debenture Trustee**

Within 21 days after the Offeror sends an Offeror's Notice pursuant to **Section 12.3**, the Offeror shall pay or transfer to the Trustee, or to such other person as the Trustee may direct, the cash or other consideration that is payable to Dissenting Debentureholders pursuant to **Section 12.2**. The acquisition by the Offeror of all Debentures held by all Dissenting Debentureholders shall be effective as of the time of such payment or transfer.

#### **12.6 Consideration to be held in Trust**

The Trustee, or the person directed by the Trustee, shall hold in trust for the Dissenting Debentureholders the cash or other consideration they or it receives under **Section 12.5**. The Trustee, or such persons, shall deposit any such cash in a separate account in a Canadian chartered bank, or other body corporate, any of whose deposits are insured by the Canada Deposit Insurance Corporation, and shall place other consideration in the custody of a Canadian chartered bank or such other body corporate.

#### **12.7 Completion of Transfer of Debentures to Offeror**

Within 30 days after the date of the sending of an Offeror's Notice pursuant to **Section 12.3**, the Trustee, if the Offeror has complied with **Section 12.5**, shall:

- (a) do all acts and things and execute and cause to be executed all instruments as in the Trustee's opinion, relying on the advice of Counsel, may be necessary or desirable to cause the transfer of the Debentures of the Dissenting Debentureholders to the Offeror;
- (b) send to each Dissenting Debentureholder who has complied with **Section 12.4** the consideration to which such Dissenting Debentureholder is entitled under this **Article 12**; and
- (c) send to each Dissenting Debentureholder who has not complied with **Section 12.4** a notice stating that:
  - (i) his or her Debentures have been transferred to the Offeror;
  - (ii) the Trustee or some other person designated in such notice are holding in trust the consideration for such Debentures; and
  - (iii) the Trustee, or such other person, will send the consideration to such Dissenting Debentureholder as soon as possible after receiving such Dissenting Debentureholder's Debenture certificate(s), duly endorsed for transfer, or such other documents as the Trustee or such other person may require in lieu thereof;

and the Trustee is hereby appointed the agent and attorney of the Dissenting Debentureholders for the purposes of giving effect to the foregoing provisions.

#### **12.8 Communication of Offer to the Corporation**

An Offeror cannot make an Offer for Debentures unless, concurrent with the communication of the Offer to any Debentureholder, a copy of the Offer is provided to the Corporation.

**ARTICLE 13**  
**MEETINGS OF DEBENTUREHOLDERS**

**13.1 Right to Convene Meeting**

The Trustee or the Corporation may at any time and from time to time, and the Trustee shall, on receipt of a written request of the Corporation or a written request signed by the holders of not less than 25% of the principal amount of the Debentures then outstanding and upon receiving funding and being funded, secured and indemnified to its reasonable satisfaction by the Corporation or by the Debentureholders signing such request, as the case may be, against the costs which may be incurred in connection with the calling and holding of such meeting, convene a meeting of the Debentureholders. In the event of the Trustee failing, within 30 days after receipt of any such request and such funding, security and indemnity, to give notice convening a meeting, the Corporation or such Debentureholders, as the case may be, may convene such meeting. Every such meeting shall be held in the City of Toronto or at such other place as may be approved or determined by the Trustee.

**13.2 Notice of Meetings**

- (a) At least 21 days' notice of any meeting shall be given to the Debentureholders in the manner provided in **Section 14.2** and a copy of such notice shall be sent to the Trustee, unless the meeting has been called by it. Such notice shall state the time when and the place where the meeting is to be held and shall state briefly the general nature of the business to be transacted thereat and it shall not be necessary for any such notice to set out the terms of any resolution to be proposed or any of the provisions of this **Article 13**. The accidental omission to give notice of a meeting to any holder of Debentures shall not invalidate any resolution passed at any such meeting. A holder may waive notice of a meeting either before or after the meeting.
- (b) If the business to be transacted at any meeting by Extraordinary Resolution or otherwise, or if any action to be taken or power exercised by instrument in writing under **Section 13.15**, especially affects the rights of holders of Debentures of one or more series in a manner or to an extent differing in any material way from that in or to which the rights of holders of Debentures of any other series are affected (determined as provided in **Sections 13.2(c)** and **(d)**), then:
  - (i) a reference to such fact, indicating each series of Debentures so especially affected (the "**especially affected series**") shall be made in the notice of such meeting, and in any such case the meeting shall be and be deemed to be and is herein referred to as a "**Serial Meeting**"; and
  - (ii) the holders of Debentures of an especially affected series shall not be bound by any action taken at a Serial Meeting or by instrument in writing under **Section 13.15** unless in addition to compliance with the other provisions of this **Article 13**:
    - (A) at such Serial Meeting: (I) there are Debentureholders present in person or by proxy and representing at least 25% in principal amount of the Debentures then outstanding of such series, subject to the provisions of this **Article 13** as to quorum at adjourned meetings; and (II) the resolution is passed by the affirmative vote of the holders of more than 50% (or in the case of an Extraordinary Resolution not less than 66 $\frac{2}{3}$ %) of the principal amount of the Debentures of such especially affected series then outstanding voted on the resolution; or
    - (B) in the case of action taken or power exercised by instrument in writing under **Section 13.15**, such instrument is signed in one or more counterparts by the holders of not less than 66 $\frac{2}{3}$ % in principal amount of the Debentures of such especially affected series

then outstanding.

- (c) Subject to **Section 13.2(d)**, the determination as to whether any business to be transacted at a meeting of Debentureholders, or any action to be taken or power to be exercised by instrument in writing under **Section 13.15**, especially affects the rights of the Debentureholders of one or more series in a manner or to an extent differing in any material way from that in or to which it affects the rights of Debentureholders of any other series (and is therefore an especially affected series) shall be determined by an opinion of Counsel, which shall be binding on all Debentureholders, the Trustee and the Corporation for all purposes hereof.
- (d) A proposal:
  - (i) to extend the maturity of Debentures of any particular series or to reduce the principal amount thereof, the rate of interest or redemption premium thereon or to impair any conversion right thereof;
  - (ii) to modify or terminate any covenant or agreement which by its terms is effective only so long as Debentures of a particular series are outstanding; or
  - (iii) to reduce with respect to Debentureholders of any particular series any percentage stated in this **Section 13.2** or in **Sections 13.4, 13.12** and **13.15**;

shall be deemed to especially affect the rights of the Debentureholders of such series in a manner differing in a material way from that in which it affects the rights of holders of Debentures of any other series, whether or not a similar extension, reduction, modification or termination is proposed with respect to Debentures of any or all other series.

### **13.3 Chair**

Some individual, who need not be a Debentureholder, nominated in writing by the Trustee shall be chair of the meeting and if no individual is so nominated, or if the individual so nominated is not present within 15 minutes from the time fixed for the holding of the meeting, a majority of the Debentureholders present in person or by proxy shall choose some individual present to be chair.

### **13.4 Quorum**

Subject to the provisions of **Section 13.12**, at any meeting of the Debentureholders a quorum shall consist of Debentureholders present in person or by proxy and representing at least 25% in principal amount of the outstanding Debentures and, if the meeting is a Serial Meeting, at least 25% of the Debentures then outstanding of each especially affected series. If a quorum of the Debentureholders shall not be present within 30 minutes from the time fixed for holding any meeting, the meeting, if summoned by the Debentureholders or pursuant to a request of the Debentureholders, shall be dissolved, but in any other case the meeting shall be adjourned to the same day in the next week (unless such day is not a Business Day in which case it shall be adjourned to the next following Business Day thereafter) at the same time and place and no notice shall be required to be given in respect of such adjourned meeting. At the adjourned meeting, the holders of outstanding Debentures present in person or by proxy shall, subject to the provisions of **Section 13.12**, constitute a quorum and may transact the business for which the meeting was originally convened notwithstanding that they may not represent at least 25% of the principal amount of the outstanding Debentures or of the Debentures then outstanding of each especially affected series. Any business may be brought before or dealt with at an adjourned meeting which might have been brought before or dealt with at the original meeting in accordance with the notice calling the same. No business shall be transacted at any meeting unless the required quorum is present at the commencement of business.

### **13.5 Power to Adjourn**

The chair of any meeting at which a quorum of the Debentureholders is present may, with the consent of the holders of a majority in principal amount of the Debentures represented thereat, adjourn any such meeting and no notice of such adjournment need be given except such notice, if any, as the meeting may prescribe.

### **13.6 Show of Hands**

Every question submitted to a meeting shall, subject to **Section 13.7**, be decided in the first place by a majority of the votes given on a show of hands except that votes on Extraordinary Resolutions shall be given in the manner hereinafter provided. At any such meeting, unless a poll is duly demanded as herein provided, a declaration by the chair that a resolution has been carried or carried unanimously or by a particular majority or lost or not carried by a particular majority shall be conclusive evidence of the fact. The chair of any meeting shall be entitled, both on a show of hands and on a poll, to vote in respect of the Debentures, if any, held by him or her.

### **13.7 Poll**

On every Extraordinary Resolution, and on any other question submitted to a meeting when demanded by the chair or by one or more Debentureholders or proxies for Debentureholders, a poll shall be taken in such manner and either at once or after an adjournment as the chair shall direct. Questions other than Extraordinary Resolutions shall, if a poll be taken, be decided by the votes of the holders of a majority in principal amount of the Debentures represented at the meeting and voted on the poll.

### **13.8 Voting**

On a show of hands every Person who is present and entitled to vote, whether as a Debentureholder or as proxy for one or more Debentureholders or both, shall have one vote. On a poll each Debentureholder present in person or represented by a proxy duly appointed by an instrument in writing shall be entitled to one vote in respect of each \$1,000 principal amount of Debentures of which it shall then be the holder. In the case of any Debenture denominated in a currency or currency unit other than Canadian dollars, the principal amount thereof for these purposes shall be computed in Canadian dollars on the basis of the conversion of the principal amount thereof at the applicable spot buying rate of exchange for such other currency or currency unit as reported by the Bank of Canada at the close of business on the Business Day next preceding the meeting. Any fractional amounts resulting from such conversion shall be rounded, up or down, to the nearest \$100. A proxy need not be a Debentureholder. In the case of joint holders of a Debenture, any one of them present in person or by proxy at the meeting may vote in the absence of the other or others but in case more than one of them is present in person or by proxy, they shall vote together in respect of the Debentures of which they are joint holders.

### **13.9 Proxies**

A Debentureholder may be present and vote at any meeting of Debentureholders by an authorized representative. The Corporation (in case it convenes the meeting) or the Trustee (in any other case) for the purpose of enabling the Debentureholders to be present and vote at any meeting without producing their Debentures, and of enabling them to be present and vote at any such meeting by proxy and of lodging instruments appointing such proxies at some place other than the place where the meeting is to be held, may from time to time make and vary such regulations as it shall think fit providing for and governing any or all of the following matters:

- (a) the form of the instrument appointing a proxy, which shall be in writing, and the manner in which the same shall be executed and the production of the authority of any Person signing on behalf of a Debentureholder;
  - (b) the deposit of instruments appointing proxies at such place as the Trustee, the Corporation or the
- CAN\_DMS: \141885201\14

Debentureholder convening the meeting, as the case may be, may, in the notice convening the meeting, direct and the time, if any, before the holding of the meeting or any adjournment thereof by which the same must be deposited; and

- (c) the deposit of instruments appointing proxies at some approved place or places other than the place at which the meeting is to be held and enabling particulars of such instruments appointing proxies to be mailed, faxed, cabled, telegraphed or sent by telex before the meeting to the Corporation or to the Trustee at the place where the same is to be held and for the voting of proxies so deposited as though the instruments themselves were produced at the meeting.

Any regulations so made shall be binding and effective and the votes given in accordance therewith shall be valid and shall be counted. Save as such regulations may provide, the only Persons who shall be recognized at any meeting as the holders of any Debentures, or as entitled to vote or be present at the meeting in respect thereof, shall be Debentureholders and Persons whom Debentureholders have by instrument in writing duly appointed as their proxies.

### **13.10 Persons Entitled to Attend Meetings**

The Corporation and the Trustee, by their respective employees, officers or directors, the Auditors of the Corporation and the legal advisers of the Corporation, the Trustee or any Debentureholder may attend any meeting of the Debentureholders, but shall have no vote as such.

### **13.11 Powers Exercisable by Extraordinary Resolution**

In addition to the powers conferred upon them by any other provisions of this Indenture or by law, a meeting of the Debentureholders shall have the following powers exercisable from time to time by Extraordinary Resolution, subject in the case of the matters set out in **Sections 13.11(a), (b), (c), (d) and (e)** to receipt of the prior approval of the TSX if required by the rules thereof:

- (a) power to authorize the Trustee to grant extensions of time for payment of any principal, premium or interest on the Debentures, whether or not the principal, premium or interest, the payment of which is extended, is at the time due or overdue;
- (b) power to sanction any modification, abrogation, alteration, compromise or arrangement of the rights of the Debentureholders or the Trustee (with the prior written consent of the Trustee) against the Corporation, or against its property, whether such rights arise under this Indenture or the Debentures or otherwise;
- (c) power to assent to any modification of or change in or addition to or omission from the provisions contained in this Indenture or any Debenture which shall be agreed to by the Corporation and to authorize the Trustee to concur in and execute any indenture supplemental hereto embodying any modification, change, addition or omission;
- (d) power to sanction any scheme for the reconstruction, reorganization or recapitalization of the Corporation or for the consolidation, amalgamation or merger of the Corporation with any other Person or for the sale, leasing, transfer or other disposition of all or substantially all of the undertaking, property and assets of the Corporation or any part thereof, **provided**, however, that no such sanction shall be necessary in respect of any such transaction if the provisions of **Section 11.1** shall have been complied with;
- (e) power to direct or authorize the Trustee to exercise any power, right, remedy or authority given to it by this Indenture in any manner specified in any such Extraordinary Resolution or to refrain from exercising any such power, right, remedy or authority;

- (f) power to waive and direct the Trustee to waive any default hereunder and/or cancel any declaration made by the Trustee pursuant to **Section 8.1** either unconditionally or upon any condition specified in such Extraordinary Resolution;
- (g) power to restrain any Debentureholder from taking or instituting any suit, action or proceeding for the purpose of enforcing payment of the principal, premium or interest on the Debentures, or for the execution of any trust or power hereunder;
- (h) power to direct any Debentureholder who, as such, has brought any action, suit or proceeding to stay or discontinue or otherwise deal with the same upon payment, if the taking of such suit, action or proceeding shall have been permitted by **Section 8.5**, of the costs, charges and expenses reasonably and properly incurred by such Debentureholder in connection therewith;
- (i) power to assent to any compromise or arrangement with any creditor or creditors or any class or classes of creditors, whether secured or otherwise, and with holders of any Common Shares or other securities of the Corporation;
- (j) power to appoint a committee with power and authority (subject to such limitations, if any, as may be prescribed in the resolution) to exercise, and to direct the Trustee to exercise, on behalf of the Debentureholders, such of the powers of the Debentureholders as are exercisable by Extraordinary Resolution or other resolution as shall be included in the resolution appointing the committee. The resolution making such appointment may provide for payment of the expenses and disbursements of and compensation to such committee. Such committee shall consist of such number of Persons as shall be prescribed in the resolution appointing it and the members need not be themselves Debentureholders. Every such committee may elect its chair and may make regulations respecting its quorum, the calling of its meetings, the filling of vacancies occurring in its number and its procedure generally. Such regulations may provide that the committee may act at a meeting at which a quorum is present or may act by minutes signed by the number of members thereof necessary to constitute a quorum. All acts of any such committee within the authority delegated to it shall be binding upon all Debentureholders. Neither the committee nor any member thereof shall be liable for any loss arising from or in connection with any action taken or omitted to be taken by them in good faith;
- (k) power to remove the Trustee from office and to appoint a new Trustee or Trustees **provided**, however, that no such removal shall be effective unless and until a new Trustee or Trustees shall have become bound by this Indenture;
- (l) power to sanction the exchange of the Debentures for or the conversion thereof into Common Shares, bonds, debentures or other securities or obligations of the Corporation or of any other Person formed or to be formed;
- (m) power to authorize the distribution in specie of any shares or securities received pursuant to a transaction authorized under the provisions of **Section 13.11(e)**; and
- (n) power to amend, alter or repeal any Extraordinary Resolution previously passed or sanctioned by the Debentureholders or by any committee appointed pursuant to **Section 13.11(j)**.

### **13.12 Meaning of “Extraordinary Resolution”**

- (a) The expression “**Extraordinary Resolution**” when used in this Indenture means, subject as hereinafter in this **Article 13** provided, a resolution proposed to be passed as an Extraordinary Resolution at a meeting of Debentureholders (including an adjourned meeting) duly convened for the purpose and held in accordance

with the provisions of this **Article 13** at which the holders of not less than 25% of the principal amount of the Debentures then outstanding, and if the meeting is a Serial Meeting, at which holders of not less than 25% of the principal amount of the Debentures then outstanding of each especially affected series, are present in person or by proxy and passed by the favourable votes of votes cast thereat by the holders of not less than 66⅔% of the principal amount of the Debentures, and if the meeting is a Serial Meeting by the favourable votes of votes cast thereat by holders of not less than 66⅔% of the principal amount of the Debentures of each especially affected series, in each case present or represented by proxy at the meeting and voted upon on a poll on such resolution, or, pursuant to **Section 13.15**, rendered by instruments in writing signed by the holders of not less than 66⅔% of the Debentures then outstanding or Debentures of an applicable series in the case of an action if taken at a meeting would be a Serial Meeting.

- (b) If, at any such meeting, the holders of not less than 25% of the principal amount of the Debentures then outstanding and, if the meeting is a Serial Meeting, not less than 25% of the principal amount of the Debentures then outstanding of each especially affected series, in each case are not present in person or by proxy within 30 minutes after the time appointed for the meeting, then the meeting, if convened by or on the requisition of Debentureholders, shall be dissolved but in any other case it shall stand adjourned until the same day in the next week (unless such day is not a Business Day in which case it shall be adjourned to the next following Business Day thereafter) at the same time and place and no notice shall be required to be given in respect of such adjourned meeting. At the adjourned meeting the holders of the Debentures then outstanding present in person or by proxy shall form a quorum and may transact the business for which the meeting was originally convened and a resolution proposed at such adjourned meeting and passed thereat by the affirmative vote of holders of not less than 66⅔% of the principal amount of the Debentures and, if the meeting is a Serial Meeting, by the affirmative vote of the holders of not less than 66⅔% of the principal amount of the Debentures of each especially affected series, in each case present or represented by proxy at the meeting voted upon on a poll shall be an Extraordinary Resolution within the meaning of this Indenture, notwithstanding that the holders of not less than 25% in principal amount of the Debentures then outstanding, and if the meeting is a Serial Meeting, at which holders of not less than 25% of the principal amount of the Debentures then outstanding of each especially affected series, are not present in person or by proxy at such adjourned meeting.
- (c) Votes on an Extraordinary Resolution at a meeting of Debentureholders shall always be given on a poll and no demand for a poll on an Extraordinary Resolution shall be necessary.

### **13.13 Powers Cumulative**

Any one or more of the powers in this Indenture stated to be exercisable by the Debentureholders by Extraordinary Resolution or otherwise may be exercised from time to time and the exercise of any one or more of such powers from time to time shall not be deemed to exhaust the rights of the Debentureholders to exercise the same or any other such power or powers thereafter from time to time.

### **13.14 Minutes**

Minutes of all resolutions and proceedings at every meeting as aforesaid shall be made and duly entered in books to be from time to time provided for that purpose by the Trustee at the expense of the Corporation, and any such minutes as aforesaid, if signed by the chair of the meeting at which such resolutions were passed or proceedings had, or by the chair of the next succeeding meeting of the Debentureholders, shall be *prima facie* evidence of the matters therein stated and, until the contrary is proved, every such meeting, in respect of the proceedings of which minutes shall have been made, shall be deemed to have been duly held and convened, and all resolutions passed thereat or proceedings taken thereat to have been duly passed and taken.

### **13.15 Instruments in Writing**

CAN\_DMS: \141885201\14

All actions which may be taken and all powers that may be exercised by the Debentureholders at a meeting held as hereinbefore in this **Article 13** provided may also be taken and exercised by the holders of not less than 66 $\frac{2}{3}$ % of the principal amount of all the outstanding Debentures and, if the meeting at which such actions might be taken would be a Serial Meeting, by the holders of not less than 66 $\frac{2}{3}$ % of the principal amount of the Debentures then outstanding of each especially affected series, by an instrument in writing signed in one or more counterparts and the expression "Extraordinary Resolution" when used in this Indenture shall include an instrument so signed.

### **13.16 Binding Effect of Resolutions**

Every resolution and every Extraordinary Resolution passed in accordance with the provisions of this **Article 13** at a meeting of Debentureholders shall be binding upon all the Debentureholders, whether present at or absent from such meeting, and every instrument in writing signed by Debentureholders in accordance with **Section 13.15** shall be binding upon all the Debentureholders, whether signatories thereto or not, and each and every Debentureholder and the Trustee (subject to the provisions for its indemnity herein contained) shall be bound to give effect accordingly to every such resolution, Extraordinary Resolution and instrument in writing.

### **13.17 Evidence of Rights of Debentureholders**

- (a) Any request, direction, notice, consent or other instrument which this Indenture may require or permit to be signed or executed by the Debentureholders may be in any number of concurrent instruments of similar tenor signed or executed by such Debentureholders.
- (b) The Trustee may, in its discretion, require proof of execution in cases where it deems proof desirable and may accept such proof as it shall consider proper.

### **13.18 Concerning Serial Meetings**

If in the opinion of Counsel any business to be transacted at any meeting, or any action to be taken or power to be exercised by instrument in writing under **Section 13.15**, does not adversely affect the rights of the holders of Debentures of one or more series, the provisions of this **Article 13** shall apply as if the Debentures of such series were not outstanding and no notice of any such meeting need be given to the holders of Debentures of such series. Without limiting the generality of the foregoing, a proposal to modify or terminate any covenant or agreement which is effective only so long as Debentures of a particular series are outstanding shall be deemed not to adversely affect the rights of the holders of Debentures of any other series.

## **ARTICLE 14 NOTICES**

### **14.1 Notice to Trust and Trustee**

Unless herein otherwise expressly provided, any notice to be given hereunder to the Corporation or the Trustee shall be deemed to be validly given if delivered (whether in person, by hand courier or other personal method of delivery) or if transmitted by email to:

- (a) if to the Corporation:

Quarterhill Inc.  
25 King Street W., Suite 1101  
Toronto, Ontario M5L 2A1  
Attention: Corporate Legal  
Email: legal@quarterhill.com

(b) if to the Trustee:

Computershare Trust Company of Canada  
100 University Avenue  
8<sup>th</sup> Floor, North Tower  
Toronto, Ontario M5J 2Y1  
Attention: Manager, Corporate Trust  
Email: corporatetrust.toronto@computershare.com

and any such notice delivered in accordance with the foregoing shall be deemed to have been received on the date of delivery or, if emailed the day of transmission or, if such day is not a Business Day, on the first Business Day following the day of transmission; **provided**, however, that if such notice is delivered or emailed after 4:00 p.m. (Toronto time), such notice will be deemed to be received on the next Business Day. The Corporation or Trustee, as the case may be, may from time to time notify the other in the manner provided in this **Section 14.1** of a change of address which from the effective date of such notice and until changed by like notice, shall be the address of the Corporation or Trustee, as the case may be, for all purposes of this Indenture.

#### **14.2 Notice to Debentureholders**

- (a) All notices to be given hereunder with respect to the Debentures shall be deemed to be validly given to the holders thereof if sent by first class mail, postage prepaid, by letter or circular addressed to such holders at their post office addresses appearing in any of the registers hereinbefore mentioned and shall be deemed to have been effectively given three Business Days following the day of mailing; provided that for any Debentures held through a Depository, if any notice or other communication is required to be given to Debentureholders, the Trustee or the Corporation may give such notices and communications to such Depository by e-mail or facsimile (at such email or facsimile number as is given by the Depository for such purpose from time to time) or in such other manner as is acceptable to the Depository and notice will be deemed to have been effective/given on the date of delivery. Accidental error or omission in giving notice or accidental failure to mail notice to any Debentureholder or the inability of the Corporation to give or mail any notice due to anything beyond the reasonable control of the Corporation shall not invalidate any action or proceeding founded thereon.
- (b) If any notice given in accordance with the foregoing paragraph would be unlikely to reach the Debentureholders to whom it is addressed in the ordinary course of post by reason of an interruption in mail service, whether at the place of dispatch or receipt or both, the Corporation shall give such notice by publication at least once in an English language daily newspaper of general circulation in Canada and in a French language daily newspaper of general circulation in the Province of Quebec.
- (c) Any notice given to Debentureholders by publication shall be deemed to have been given on the day on which publication shall have been effected at least once in the newspaper in which publication was required.
- (d) All notices with respect to any Debenture may be given to whichever one of the holders thereof (if more than one) is named first in the registers hereinbefore mentioned, and any notice so given shall be sufficient notice to all holders of any Persons interested in such Debenture.

#### **14.3 Mail Service Interruption**

If by reason of any interruption of mail service, actual or threatened, any notice to be given to the Trustee would reasonably be unlikely to reach its destination by the time notice by mail is deemed to have been given pursuant to **Section 14.1**, such notice shall be valid and effective only if delivered at the appropriate address in  
CAN\_DMS: \141885201\14

accordance with **Section 14.1**.

## **ARTICLE 15 CONCERNING THE TRUSTEE**

### **15.1 No Conflict of Interest**

The Trustee represents to the Corporation that at the date of execution and delivery by it of this Indenture there exists no material conflict of interest in the role of the Trustee as a fiduciary hereunder but if, notwithstanding the provisions of this **Section 15.1**, such a material conflict of interest exists, or hereafter arises, the validity and enforceability of this Indenture, and the Debentures issued hereunder, shall not be affected in any manner whatsoever by reason only that such material conflict of interest exists or arises but the Trustee shall, within 60 days after ascertaining that it has a material conflict of interest, either eliminate such material conflict of interest or resign in the manner and with the effect specified in **Section 15.2**.

### **15.2 Replacement of Trustee**

- (a) Subject to the terms hereof, the Trustee may resign its trust and be discharged from all further duties and liabilities hereunder by giving to the Corporation 60 days' notice in writing or such shorter notice as the Corporation may accept as sufficient. The Corporation shall have the power at any time on notice in writing to the Trustee to, and the Debentureholders by Extraordinary Resolution shall have the power at any time to, remove the existing Trustee and to appoint a new or successor Trustee. If at any time a material conflict of interest exists in the Trustee's role as a fiduciary hereunder the Trustee shall, within 60 days after ascertaining that such a material conflict of interest exists, either eliminate such material conflict of interest or resign in the manner and with the effect specified in this **Section 15.2**. The validity and enforceability of this Indenture and of the Debentures issued hereunder shall not be affected in any manner whatsoever by reason only that such a material conflict of interest exists. In the event of the Trustee resigning or being removed or being dissolved, becoming bankrupt, going into liquidation or otherwise becoming incapable of acting hereunder, the Corporation shall forthwith appoint a new Trustee unless a new Trustee has already been appointed by the Debentureholders. Failing such appointment by the Corporation, the retiring Trustee or any Debentureholder may apply to a judge of the Ontario Superior Court of Justice, on such notice as such Judge may direct at the Corporation's expense, for the appointment of a new Trustee but any new Trustee so appointed by the Corporation or by such court shall be subject to removal as aforesaid and the appointment of such new Trustee shall be effective only upon such new Trustee becoming bound by this Indenture. Any new Trustee appointed under any provision of this **Section 15.2** shall be a corporation authorized to carry on the business of a trust company in all of the provinces and territories of Canada. On any new appointment the new Trustee shall be vested with the same powers, rights, duties and responsibilities as if it had been originally named herein as Trustee.
- (b) Any company into which the Trustee may be merged or with which it may be consolidated or amalgamated or any company resulting from any merger, consolidation or amalgamation to which the Trustee shall be a party, shall be the successor trustee under this Indenture without the execution of any instrument or any further act. Nevertheless, upon the written request of the successor Trustee or of the Corporation or the Trustee ceasing to act, on payment of outstanding fees and expenses in accordance with **Section 15.15**, the Trustee shall execute and deliver an instrument assigning and transferring to such successor Trustee, upon the trusts herein expressed, all the rights, powers and trusts of the Trustee so ceasing to act, and shall duly assign, transfer and deliver all property and money held by such Trustee to the successor Trustee so appointed in its place. Should any deed, conveyance or instrument in writing from the Corporation be required by any new Trustee for more fully and certainly vesting in and confirming to it such estates, properties, rights, powers and trusts, then any and all such deeds, conveyances and instruments in writing shall on request of said new Trustee be made, executed, acknowledged and delivered by the Corporation.

### 15.3 Duties of Trustee

In the exercise of the rights, duties and obligations prescribed or conferred by the terms of this Indenture, the Trustee shall act honestly and in good faith with a view to the best interests of the holders and shall exercise that degree of care, diligence and skill that a reasonably prudent corporate trustee would exercise in comparable circumstances.

### 15.4 Reliance Upon Declarations, Opinions, etc.

In the exercise of its rights, duties and obligations hereunder the Trustee may, if acting in good faith, rely, as to the truth of the statements and accuracy of the opinions expressed therein, upon statutory declarations, opinions, reports or certificates furnished pursuant to any covenant, condition or requirement of this Indenture or required by the Trustee to be furnished to it in the exercise of its rights and duties hereunder, if the Trustee examines such statutory declarations, opinions, reports or certificates and determines that they comply with **Section 15.5**, if applicable, and with any other applicable requirements of this Indenture. The Trustee may nevertheless, in its discretion, require further proof in cases where it deems further proof desirable. Without restricting the foregoing, the Trustee may act and rely on an opinion of Counsel.

### 15.5 Evidence and Authority to Trustee, Opinions, etc.

- (a) The Corporation shall furnish to the Trustee evidence of compliance with the conditions precedent provided for in this Indenture relating to any action or step required or permitted to be taken by the Corporation or the Trustee under this Indenture or as a result of any obligation imposed under this Indenture, including without limitation, the certification and delivery of Debentures hereunder, the satisfaction and discharge of this Indenture and the taking of any other action to be taken by the Trustee at the request of or on the application of the Corporation, forthwith if and when (i) such evidence is required by any other section of this Indenture to be furnished to the Trustee in accordance with the terms of this **Section 15.5** or (ii) the Trustee, in the exercise of its rights and duties under this Indenture, gives the Corporation written notice requiring it to furnish such evidence in relation to any particular action or obligation specified in such notice.
- (b) Such evidence shall consist of:
  - (i) a certificate made by any one officer or director of the Corporation stating that any such condition precedent has been complied with in accordance with the terms of this Indenture;
  - (ii) in the case of a condition precedent compliance with which is, by the terms of this Indenture, made subject to review or examination by a solicitor, an opinion of Counsel that such condition precedent has been complied with in accordance with the terms of this Indenture; and
  - (iii) in the case of any such condition precedent compliance with which is subject to review or examination by auditors or accountants, an opinion or report of the Auditors of the Corporation whom the Trustee for such purposes hereby approves, that such condition precedent has been complied with in accordance with the terms this Indenture.
- (c) Whenever such evidence relates to a matter other than the certification and delivery of Debentures and the satisfaction and discharge of this Indenture, and except as otherwise specifically provided herein, such evidence may consist of a report or opinion of any solicitor, auditor, accountant, engineer or appraiser or any other Person whose qualifications give authority to a statement made by it, **provided**, however, that if such report or opinion is furnished by a director, officer or employee of the Corporation, then it shall be in the form of a statutory declaration. Such evidence shall be, so far as appropriate, in accordance with the

immediately preceding paragraph of this **Section 15.5**.

- (d) Each statutory declaration, certificate, opinion or report with respect to compliance with a condition precedent provided for in the Indenture shall include (a) a statement by the Person giving the evidence that he or she has read and is familiar with those provisions of this Indenture relating to the condition precedent in question, (b) a brief statement of the nature and scope of the examination or investigation upon which the statements or opinions contained in such evidence are based, (c) a statement that, in the belief of the Person giving such evidence, he or she has made such examination or investigation as is necessary to enable them to make the statements or give the opinions contained or expressed therein, and (d) a statement whether in the opinion of such Person the conditions precedent in question have been complied with or satisfied.
- (e) The Corporation shall furnish to the Trustee at any time if the Trustee reasonably so requires, its certificate that the Corporation has complied with all covenants, conditions or other requirements contained in this Indenture, the non-compliance with which would, with the giving of notice or the lapse of time, or both, or otherwise, constitute an Event of Default, or if such is not the case, specifying the covenant, condition or other requirement which has not been complied with and giving particulars of such non-compliance. The Corporation shall, whenever the Trustee so requires, furnish the Trustee with evidence by way of statutory declaration, opinion, report or certificate as specified by the Trustee as to any action or step required or permitted to be taken by the Corporation or as a result of any obligation imposed by this Indenture.

#### **15.6 Officer's Certificate as Evidence**

Except as otherwise specifically provided or prescribed by this Indenture, whenever in the administration of the provisions of this Indenture the Trustee shall deem it necessary or desirable that a matter be proved or established prior to taking or omitting any action hereunder, the Trustee, if acting in good faith, may rely upon an Officer's Certificate and the Trustee shall not be liable for any action it takes or omits to take in good faith in reliance on such Officer's Certificate.

#### **15.7 Experts, Advisers and Agents**

The Trustee may:

- (a) employ or retain and act and rely on the opinion or advice of or information obtained from any solicitor, auditor, valuer, engineer, surveyor, appraiser or other expert, whether obtained by the Trustee or by the Corporation, or otherwise, and shall not be liable for acting, or refusing to act, in good faith on any such opinion or advice and shall not be responsible for any negligence, misconduct, mistake or error of judgement on the part of any of them that has been selected with due care by the Trustee. The Trustee may pay proper and reasonable compensation for all such legal and other advice or assistance as aforesaid; and
- (b) employ such agents, solicitors, experts, advisors and other assistants as it may reasonably require for the proper determination and discharge of its duties hereunder, and may pay reasonable remuneration for all services performed for it (and shall be entitled to receive reasonable remuneration for all services performed by it) in the discharge of the trusts hereof and compensation for all disbursements, costs and expenses made or incurred by it in the discharge of its duties hereunder and in the management of the funds hereof and any solicitors employed or consulted by the Trustee may, but need not be, solicitors for the Corporation. The Trustee shall not be responsible for any negligence, misconduct, mistake or error of judgement on the part of any such agents, solicitors, experts, advisors or other assistants that have been selected with due care by the Trustee.

#### **15.8 Trustee May Deal in Debentures**

Subject to its duties and obligations set out in this Indenture, the Trustee may, in its personal or other capacity, buy, sell, lend upon and deal in the Debentures and generally contract and enter into financial transactions with the Corporation or otherwise, without being liable to account for any profits made thereby.

#### **15.9 Investment of Moneys Held by Trustee**

- (a) Upon receipt of a Written Direction of the Corporation, the Trustee shall invest any funds being held pursuant to this Indenture in Authorized Investments in its name in trust for the Debentureholders in accordance with such direction. Any direction from the Corporation to the Trustee shall be in writing and shall be provided to the Trustee no later than 9:00 a.m. (Toronto time) on the day on which the investment is to be made. Any such direction received by the Trustee after 9:00 a.m. (Toronto time) or received on a non-Business Day, shall be deemed to have been given prior to 9:00 a.m. (Toronto time) the next Business Day. Any direction from the Corporation for the release of funds must be received prior to 10:00 a.m. (Toronto time) on the day on which the release of funds is to be made. Any such direction for the release of funds received after 10:00 a.m. (Toronto time) or on a non-Business Day, will be handled on a commercially reasonable efforts basis and may result in such funds being released on the next Business Day.
- (b) In the event that the Trustee does not receive a written direction or only a partial written direction to invest cash in an Authorized Investment, the Trustee may hold cash balances constituting part or all of the funds being held pursuant to this Indenture and may, but need not, invest same in its deposit department, the deposit department of one of its Affiliates, or the deposit department of a Canadian chartered bank; but none of the Trustee, its Affiliates or the Canadian chartered bank shall be liable to account for any profit to any parties to this Indenture or to any other Person or entity other than at a rate, if any, established from time to time by the Trustee, its Affiliates or such Canadian chartered bank.
- (c) The Trustee shall not be held liable for any losses incurred in the investment of any funds being held pursuant to this Indenture in Authorized Investments.
- (d) Unless and until the Trustee or any Debentureholder in accordance with the terms hereof shall have declared the principal of and interest on the Debentures to be due and payable, the Trustee shall pay over to the Corporation all interest received by the Trustee in respect of any investments or deposits made pursuant to the provisions of this **Section 15.9**.

#### **15.10 Trustee Not Ordinarily Bound**

Except as provided in **Section 8.2** and as otherwise specifically provided herein, the Trustee shall not, subject to **Section 15.3**, be bound to give notice to any Person of the execution hereof, nor to do, observe or perform or see to the observance or performance by the Corporation of any of the obligations herein imposed upon the Corporation or of the covenants on the part of the Corporation herein contained, nor in any way to supervise or interfere with the conduct of the Corporation's business, unless the Trustee shall have been required to do so in writing by the holders of not less than 25% of the aggregate principal amount of the Debentures then outstanding or by any Extraordinary Resolution of the Debentureholders passed in accordance with the provisions contained in **Article 13**, and then only after it shall have been funded, secured and indemnified to its satisfaction against all actions, proceedings, claims and demands to which it may render itself liable and all costs, charges, damages and expenses which it may incur by so doing.

#### **15.11 Trustee Not Required to Give Security**

The Trustee shall not be required to give any bond or security in respect of the execution of the trusts and powers of this Indenture or otherwise in respect of the premises.

### **15.12 Trustee Not Bound to Act on Trust's Request**

Except as in this Indenture otherwise specifically provided, the Trustee shall not be bound to act in accordance with any direction or request of the Corporation or of the Board until a duly authenticated copy of the instrument or resolution containing such direction or request shall have been delivered to the Trustee, and the Trustee shall be empowered to act upon any such copy purporting to be authenticated and believed by the Trustee to be genuine.

### **15.13 Conditions Precedent to Trustee's Obligations to Act Hereunder**

- (a) The obligation of the Trustee to commence or continue any act, action or proceeding for the purpose of enforcing the rights of the Trustee and of the Debentureholders hereunder shall be conditional upon the Debentureholders furnishing when required by notice in writing by the Trustee, sufficient funds to commence or continue such act, action or proceeding, security and indemnity reasonably satisfactory to the Trustee to protect and hold harmless the Trustee against the costs, charges and expenses and liabilities to be incurred thereby and any loss and damage it may suffer by reason thereof.
- (b) None of the provisions contained in this Indenture shall require the Trustee to expend or risk its own funds or otherwise incur financial liability in the performance of any of its duties or in the exercise of any of its rights or powers.
- (c) The Trustee may, before commencing or at any time during the continuance of any such act, action or proceeding require the Debentureholders at whose instance it is acting to deposit with the Trustee the Debentures held by them for which Debentures the Trustee shall issue receipts.
- (d) The Trustee shall not be bound to do or give any notice or take any act, action, proceeding for the enforcement of any of the obligations of the Corporation under this Indenture unless and until it shall have received a Debentureholder's request specifying the act, action or proceeding which the Trustee is requested to take, nor shall the Trustee be required to take notice of any default hereunder, unless and until notified in writing of such default, which notice shall distinctly specify the default desired to be brought to the attention of the Trustee and, in the absence of any such notice, the Trustee may for all purposes of this Indenture conclusively assume that no default has been made in the observance or performance of any of the representations, debentures, covenants, agreements, or conditions contained herein.
- (e) No duty shall rest with the Trustee to determine compliance of the transferor or transferee with Applicable Securities Laws. The Trustee shall be entitled to assume that all transfers are legal and proper.

### **15.14 Authority to Carry on Business**

The Trustee represents to the Corporation that at the date of execution and delivery by it of this Indenture it is authorized to carry on the business of a trust company in each of the provinces and territories of Canada but if, notwithstanding the provisions of this **Section 15.14**, it ceases to be so authorized to carry on business, the validity and enforceability of this Indenture and the Debentures issued hereunder shall not be affected in any manner whatsoever by reason only of such event but the Trustee shall, within 60 days after ceasing to be authorized to carry on the business of a trust company in any of the Provinces of Canada either become so authorized or resign in the manner and with the effect specified in **Section 15.2**.

### **15.15 Compensation and Indemnity**

- (a) The Corporation shall pay to the Trustee from time to time compensation for its services hereunder as agreed separately by the Corporation and the Trustee, and shall pay or reimburse the Trustee upon its
- CAN\_DMS: \141885201\14

request for all reasonable expenses, disbursements and advances incurred or made by the Trustee in the administration or execution of its duties under this Indenture (including the reasonable and documented compensation and disbursements of its Counsel and all other advisers and assistants not regularly in its employ), both before any default hereunder and thereafter until all duties of the Trustee under this Indenture shall be finally and fully performed. The Trustee's compensation shall not be limited by any law on compensation of a Trustee of an express trust. Any amount due under this **Section 15.15** and unpaid 30 days after request for such payment shall bear interest from the expiration of such 30 days at a rate per annum equal to the then current rate charged by the Trustee from time to time, payable on demand.

- (b) The Corporation hereby indemnifies and saves harmless the Trustee and its affiliates, their successors and assigns, as well as its and their respective directors, officers, agents and employees from and against any and all losses, damages, charges, costs, expenses (including, without limiting the foregoing, expert, consultant and counsel fees and disbursements on a solicitor and client basis), claims, demands, actions, assessments, interest, penalties, proceedings or liabilities whatsoever which may be brought against the Trustee or which it may suffer or incur as a result of or arising out of the performance of its duties and obligations hereunder save only in the event of the gross negligence, or the wilful misconduct or bad faith by the Trustee. The Trustee shall notify the Corporation promptly of any claim for which it may seek indemnity. The Corporation shall be entitled (but not required) to assume the defence of any claim and the Trustee shall co-operate in the defence. The Corporation need not pay for any settlement made without its written consent, which consent must not be unreasonably withheld. This indemnity shall survive the resignation or removal of the Trustee or the discharge of this Indenture.
- (c) Notwithstanding any other provision of this Indenture, the Trustee shall not be liable for any (i) breach by any other party of the Applicable Securities Legislation, (ii) lost profits or (iii) punitive, consequential or special damages of any Person.
- (d) The Trustee shall not be liable for or by reason of any statements of fact or recitals in this Indenture or in the Debentures or required to verify the same, but all such statements or recitals are and shall be deemed to be made by the Corporation.
- (e) The Trustee shall not incur any liability or be in any way responsible for the consequence of any breach on the part of the Corporation of any of the covenants contained in this Indenture or of any acts of the agents, mandataries or servants of the Corporation.
- (f) The Trustee shall not be bound to give to any Person notice of the execution of this Indenture unless and until an Event of Default and a declaration of acceleration has occurred, and the Trustee has determined or become obliged to enforce the same.
- (g) The Trustee may, in the exercise of all or any of the trusts, powers and discretion vested in it under this Indenture, act by the responsible officers of the Trustee; the Trustee may, with the consent of the Corporation, delegate to any Person the performance of any of the trusts and powers vested in it by this Indenture, and any delegation may be made upon such terms and conditions and subject to such regulations as the Trustee may think to be in the best interest of the holders.
- (h) The Trustee shall not be responsible for any error made or act done by it resulting from reliance upon the signature of any Person on behalf of the Corporation or of any Person on whose signature the Trustee may be called upon to act or refrain from acting under this Indenture.
- (i) This Section 15.15 shall survive the resignation or removal of the Trustee and the termination or discharge of this Indenture.

### **15.16 Acceptance of Trust**

The Trustee hereby accepts the trusts in this Indenture declared and provided for and agrees to perform the same upon the terms and conditions herein set forth and to hold all rights, privileges and benefits conferred hereby and by law in trust for the various Persons who shall from time to time be Debentureholders, subject to all the terms and conditions herein set forth.

### **15.17 Assignment and Enurement**

The parties hereto acknowledge and agree, and any beneficiaries hereunder are hereby deemed to have acknowledged and agreed that the Trustee may, without the consent of any other party, assign all of its rights and duties under this Indenture, and under any ancillary agreements executed in connection herewith, to such federal trust company as may result from Computershare Trust Company of Canada being continued as a trust company pursuant to the terms of the *Trust and Loan Companies Act* (Canada). Any such assignment shall be effective without the need for any further notice or advice to, or approval of, the parties hereto and without any further act or formality whatsoever.

### **15.18 Third Party Interests**

Each party to this Indenture hereby represents to the Trustee that any account to be opened by, or interest to be held by, the Trustee in connection with this Indenture, for or to the credit of such party, either (i) is not intended to be used by or on behalf of any third party not party to this Indenture; or (ii) is intended to be used by or on behalf of a third party not party to this Indenture, in which case such party hereto agrees to complete and execute forthwith a declaration in the Trustee's prescribed form as to the particulars of such third party.

### **15.19 Trustee Not Bound to Act**

The Trustee shall retain the right not to act and shall not be liable for refusing to act if, due to a lack of information or for any other reason whatsoever, the Trustee, in its sole judgment, determines that such act might cause it to be in non-compliance with any applicable anti-money laundering or anti-terrorist legislation or economic sanctions, regulation or guideline. Further, should the Trustee, in its sole judgment, determine at any time that its acting under this Indenture has resulted in its being in non-compliance with any applicable anti-money laundering or anti-terrorist or economic sanctions legislation, regulation or guideline, then it shall have the right to resign on 10 days' written notice to the Corporation, **provided**, however, that (a) the Trustee's written notice shall describe the circumstances of such non-compliance and (b) if such circumstances are rectified to the Trustee's satisfaction within such 10-day period, then such resignation shall not be effective.

### **15.20 Privacy Laws**

The parties to this Indenture acknowledge that federal and/or provincial or territorial legislation that addresses the protection of individuals' personal information (collectively, "**Privacy Laws**") applies to obligations and activities under this Indenture. Despite any other provision of this Indenture, no party to this Indenture shall take or direct any action that would contravene, or cause the other to contravene, applicable Privacy Laws. The Corporation shall, prior to transferring or causing to be transferred personal information to the Trustee, obtain and retain required consents of the relevant individuals to the collection, use and disclosure of their personal information, or shall have determined that such consents either have previously been given upon which the parties can rely or are not required under the Privacy Laws. The Trustee shall use commercially reasonable efforts to ensure that its services hereunder comply with Privacy Laws. Specifically, the Trustee agrees: (a) to have a designated chief privacy officer; (b) to maintain policies and procedures to protect personal information and to receive and respond to any privacy complaint or inquiry; (c) to use personal information solely for the purposes of providing its services under or ancillary to this Indenture and not to use it for any other purpose except with the consent of or direction

CAN\_DMS: \141885201\14

from the Corporation or the individual involved or as permitted by Privacy Laws; (d) not to sell or otherwise improperly disclose personal information to any third party; and (e) to employ administrative, physical and technological safeguards to reasonably secure and protect personal information against loss, theft, or unauthorized access, use or modification.

### **15.21 Force Majeure**

Except for the payment obligations of the Corporation contained herein, none of the parties shall be liable to the others, or held in breach of this Indenture, if prevented, hindered, or delayed in the performance or observance of any provision contained herein by reason of an act of god, riots, terrorism, acts of war, epidemics, pandemics, governmental action or judicial order, earthquakes, or any other similar causes (including, but not limited to, mechanical, electronic or communication interruptions, disruptions or failures). Performance times under this Indenture shall be extended for a period of time equivalent to the time lost because of any delay that is excusable under this **Section 15.21**.

## **ARTICLE 16 SUPPLEMENTAL INDENTURES**

### **16.1 Supplemental Indentures**

- (a) Subject to any required regulatory approval, from time to time the Trustee and, when authorized by a resolution of the Board, the Corporation, subject to the prior approval of the TSX, to the extent required, may, and they shall when required by this Indenture, execute, acknowledge and deliver by their proper officers deeds or indentures supplemental hereto which thereafter shall form part hereof, for any one or more of the following purposes:
  - (i) providing for the issuance of Additional Debentures under this Indenture;
  - (ii) adding to the covenants of the Corporation herein contained for the protection of the Debentureholders, or of the Debentures of any series, or providing for events of default, in addition to those herein specified;
  - (iii) making such provisions not inconsistent with this Indenture as may be necessary or desirable with respect to matters or questions arising hereunder, including the making of any modifications in the form of the Debentures which do not affect the substance thereof and which in the opinion of the Trustee relying on an opinion of Counsel will not be prejudicial to the interests of the Debentureholders;
  - (iv) evidencing the succession, or successive successions, of others to the Corporation and the covenants of and obligations assumed by any such Successor in accordance with the provisions of this Indenture;
  - (v) giving effect to any Extraordinary Resolution passed as provided in **Article 13**; and
  - (vi) for any other purpose not inconsistent with the terms of this Indenture,

**provided**, however, unless required by this Indenture, the Trustee may refuse to enter into any such indenture supplemental hereto which it reasonably determines does not afford adequate protection to the Trustee.

- (b) Unless the supplemental indenture states that the consent or concurrence of Debentureholders by

Extraordinary Resolution is required, the consent or concurrence of Debentureholders shall not be required in connection with the execution, acknowledgement or delivery of a supplemental indenture for the foregoing purposes. Further, the Corporation and the Trustee may without the consent or concurrence of the Debentureholders, by supplemental indenture or otherwise, make any changes or corrections in this Indenture which it shall have been advised by Counsel are required for the purpose of curing or correcting any ambiguity or defective or inconsistent provisions or clerical omissions or mistakes or manifest errors contained herein or in any indenture supplemental hereto or any Written Direction of the Corporation providing for the issue of Additional Debentures, providing that in the opinion of the Trustee (relying upon an opinion of Counsel) the rights of the Debentureholders are in no way prejudiced thereby.

**ARTICLE 17**  
**EXECUTION AND FORMAL DATE**

**17.1 Execution**

This Indenture may be simultaneously executed in several counterparts, each of which when so executed shall be deemed to be an original and such counterparts together shall constitute one and the same instrument.

**17.2 Formal Date**

For the purpose of convenience this Indenture may be referred to as bearing the formal date of October 27, 2021, irrespective of the actual date of execution hereof.

*[Remainder of this page intentionally left blank.]*

**IN WITNESS** whereof the parties hereto have executed these presents.

**QUARTERHILL INC.**

By: (signed) Prashant R. Watchmaker  
Name: Prashant R. Watchmaker  
Title: Senior Vice-President, General Counsel &  
Corporate Secretary

By: \_\_\_\_\_  
Name:  
Title:

We have authority to bind the Corporation

**COMPUTERSHARE TRUST COMPANY OF  
CANADA**

By: (signed) Neil Scott  
Name: Neil Scott  
Title: Corporate Trust Officer

By: (signed) Shelley Bloomberg  
Name: Shelley Bloomberg  
Title: Manager, Corporate Trust

We have authority to bind the Trustee

**SCHEDULE A**  
**TO THE INDENTURE BETWEEN**  
**QUARTERHILL INC.**  
**AND**  
**COMPUTERSHARE TRUST COMPANY OF CANADA**  
**FORM OF INITIAL DEBENTURE**

**SCHEDULE A**  
**FORM OF INITIAL DEBENTURE**

UNLESS THIS CERTIFICATE IS PRESENTED BY AN AUTHORIZED REPRESENTATIVE OF CDS CLEARING AND DEPOSITORY SERVICES INC. (“CDS”) TO QUARTERHILL INC. (THE “ISSUER”) OR ITS AGENT FOR REGISTRATION OF TRANSFER, EXCHANGE OR PAYMENT, AND ANY CERTIFICATE ISSUED IN RESPECT THEREOF IS REGISTERED IN THE NAME OF CDS & CO., OR IN SUCH OTHER NAME AS IS REQUESTED BY AN AUTHORIZED REPRESENTATIVE OF CDS (AND ANY PAYMENT IS MADE TO CDS & CO. OR TO SUCH OTHER ENTITY AS IS REQUESTED BY AN AUTHORIZED REPRESENTATIVE OF CDS), ANY TRANSFER, PLEDGE OR OTHER USE HEREOF FOR VALUE OR OTHERWISE BY OR TO ANY PERSON IS WRONGFUL SINCE THE REGISTERED HOLDER HEREOF, CDS & CO., HAS A PROPERTY INTEREST IN THE SECURITIES REPRESENTED BY THIS CERTIFICATE HEREIN AND IT IS A VIOLATION OF ITS RIGHTS FOR ANOTHER PERSON TO HOLD, TRANSFER OR DEAL WITH THIS CERTIFICATE.

THIS DEBENTURE IS A GLOBAL DEBENTURE WITHIN THE MEANING OF THE INDENTURE HEREINAFTER REFERRED TO AND IS REGISTERED IN THE NAME OF A DEPOSITORY OR A NOMINEE THEREOF. THIS DEBENTURE MAY NOT BE TRANSFERRED TO OR EXCHANGED FOR DEBENTURES REGISTERED IN THE NAME OF ANY PERSON OTHER THAN THE DEPOSITORY OR A NOMINEE THEREOF AND NO SUCH TRANSFER MAY BE REGISTERED EXCEPT IN THE LIMITED CIRCUMSTANCES DESCRIBED IN THE INDENTURE. EVERY DEBENTURE AUTHENTICATED AND DELIVERED UPON REGISTRATION OF TRANSFER OF, OR IN EXCHANGE FOR, OR IN LIEU OF, THIS DEBENTURE SHALL BE A GLOBAL DEBENTURE SUBJECT TO THE FOREGOING, EXCEPT IN SUCH LIMITED CIRCUMSTANCES DESCRIBED IN THE INDENTURE.

**QUARTERHILL INC.**  
**(a corporation existing under the laws of Canada)**

**6.0% CONVERTIBLE UNSECURED SUBORDINATED DEBENTURES**

No.

CUSIP: 747713AA3

ISIN: CA747713AA38

**Quarterhill Inc.** (the “**Corporation**”) for value received hereby acknowledges itself indebted and, subject to the provisions of the Indenture (the “**Indenture**”) dated as of October 27, 2021 between the Corporation and Computershare Trust Company of Canada (the “**Trustee**”), promises to pay to CDS & CO. as the registered holder hereof on October 30, 2026 (the “**Maturity Date**”) or on such earlier date as the principal amount hereof may become due in accordance with the provisions of the Indenture the principal sum of fifty-seven million five hundred thousand dollars (\$57,500,000) in lawful money of Canada on presentation and surrender of this Initial Debenture at the main branch of the Trustee in Toronto, Ontario, in accordance with the terms of the Indenture and, subject as hereinafter provided, to pay interest on the principal amount hereof from and including the date hereof, at the rate of 6.0% per annum, in like money in arrears in semi-annual instalments (less any tax required by law to be withheld) on April 30 and October 31 in each year and, should the Corporation at any time make default in the payment of any principal, premium, if any, or interest, to pay interest on the amount in default at the same rate, in like money and on the same dates. The first payment will be made on April 30, 2022 and will include accrued and unpaid interest for the period from and including October 27, 2021 to but excluding April 30, 2022 and the last such payment shall fall due on October 30, 2026.

Interest hereon shall be payable by electronic funds transfer to the registered holder hereof and, subject to the provisions of the Indenture, the making of such transfer of funds shall, to the extent of the sum represented thereby (plus the amount of any tax withheld), satisfy and discharge all liability for interest on this Initial Debenture.

This Initial Debenture is one of the Debentures of the Corporation issued or issuable in one or more series under the provisions of the Indenture. The authorized principal amount of the Initial Debentures is limited to an aggregate principal amount of \$57,500,000 in lawful money of Canada and the authorized principal amount of Additional Debentures which may be issued under the Indenture is unlimited. Reference is hereby expressly made to the Indenture of a description of the terms and conditions upon which the Initial Debentures are or are to be issued and held and the rights and remedies of the holders of the Initial Debentures and of the Corporation and of the Trustee, all to the same effect as if the provisions of the Indenture were herein set forth to all of which provisions the holder of this Initial Debenture by acceptance hereof assents.

The Initial Debentures are issuable only in denominations of \$1,000 and integral multiples thereof. Upon compliance with the provisions of the Indenture, Initial Debentures of any denomination may be exchanged for an equal aggregate principal amount of Initial Debentures in any other authorized denomination or denominations.

The whole, or if this Initial Debenture is in a denomination in excess of \$1,000 any part of which is \$1,000 or an integral multiple thereof, of the principal of this Initial Debenture is convertible, at the option of the holder hereof, upon surrender of this Initial

Debenture at the principal office of the Trustee in the City of Toronto, at any time prior to 5:00 p.m. (Toronto time) on the earlier of the last Business Day immediately preceding the Maturity Date and the last Business Day immediately preceding the date fixed by the Corporation for redemption of this Initial Debenture, into Freely Tradeable Common Shares of the Corporation (without adjustment to the Conversion Price for distributions on Common Shares issuable on conversion or for interest accrued on the Initial Debentures surrendered for conversion; however, holders converting their Initial Debentures shall be entitled to receive, in addition to the applicable number of Freely Tradeable Common Shares, accrued and unpaid interest in respect thereof as provided in the Indenture) at a conversion price of \$3.80 (the “**Conversion Price**”) per Common Share, being a rate of approximately 263 Common Shares for each \$1,000 principal amount of Initial Debentures, all subject to the terms and conditions and in the manner set forth in the Indenture. The Indenture makes provision for the adjustment of the Conversion Price in the events therein specified. No fractional Common Shares will be issued on any conversion but in lieu thereof, the Corporation will satisfy such fractional interest by a cash payment equal to the Conversion Price of such fractional interest determined in accordance with the Indenture.

The Initial Debenture may be redeemed at the option of the Corporation on the terms and conditions set out in the Indenture at the redemption price therein set out. This Initial Debenture is not redeemable before October 31, 2024, except in the event of the satisfaction of certain conditions after a Change of Control has occurred. On and after October 31, 2024 and prior to October 31, 2025, this Initial Debenture is redeemable at the option of the Corporation **provided**, however, that the Corporation files with the Trustee on the day that notice of redemption of this Initial Debenture is first given an Officer’s Certificate of the Corporation certifying that the volume weighted average trading price per Common Share on the Toronto Stock Exchange (or elsewhere in accordance with the Indenture) for the 20 consecutive trading days ending on the fifth trading day immediately preceding the date on which such notice is given, is at least 125% of the Conversion Price then in effect. On or after October 31, 2025 and prior to the Maturity Date, the Debentures may be redeemed by the Corporation in whole or in part from time to time at the option of the Corporation at the Redemption Price, on the terms and conditions described in the Indenture.

Upon the occurrence of a Change of Control of the Corporation, the Corporation is required to make an offer to purchase all of the Initial Debentures at a price equal to 100% of the principal amount of such Initial Debentures plus accrued and unpaid interest (if any) up to, but excluding, the date the Initial Debentures are so repurchased (the “**Change of Control Purchase Offer**”). If 90% or more of the principal amount of all Debentures outstanding on the date the Corporation provides notice of a Change of Control to the Trustee have been tendered for purchase pursuant to the Change of Control Purchase Offer, the Corporation has the right to redeem all the remaining outstanding Initial Debentures on the same date and at the same price.

In addition to the requirement for the Corporation to make a Change of Control Purchase Offer in the event of a Change of Control, if a Change of Control occurs in which 10% or more of the consideration for the Common Shares in the transaction or transactions constituting a Change of Control consists of:

- (i) cash;
- (ii) equity securities that are not traded or intended to be traded immediately following such transactions on a stock exchange; or
- (iii) other property that is not traded or intended to be traded immediately following such transactions on a stock exchange,

then subject to regulatory approvals, during the period beginning ten trading days before the anticipated date on which the Change of Control becomes effective and ending 30 days after the Change of Control Purchase Offer is delivered, holders of Debentures will be entitled to convert their Debentures, subject to certain limitations, and receive, in addition to the number of Common Shares they would otherwise be entitled to receive, an additional number of Common Shares per \$1,000 principal amount of Debentures calculated in accordance with the terms of the Indenture.

If an Offer for all of the outstanding Initial Debentures is made and 90% or more of the principal amount of all the Debentures (other than Initial Debentures held at the date of the takeover bid by or on behalf of the Offeror, Associates or Affiliates of the Offeror or anyone acting jointly or in concert with the Offeror) are taken up and paid for by the Offeror, the Offeror will be entitled to acquire the Initial Debentures of those holders who did not accept the Offer on the same terms as the Offeror acquired the first 90% of the principal amount of the Initial Debentures.

The Corporation may, on notice as provided in the Indenture, at its option (subject to any applicable regulatory approval and as provided in the Indenture), elect to satisfy the obligation to repay the principal amount of this Initial Debenture on the Maturity Date or on redemption by the issue of that number of Freely Tradeable Common Shares obtained by dividing the principal amount of this Initial Debenture by 95% of the Current Market Price on the Maturity Date or the date fixed for redemption, as the case may be.

The indebtedness evidenced by this Initial Debenture, and by all other Initial Debentures now or hereafter certified and delivered under the Indenture, is a direct unsecured obligation of the Corporation, and is subordinated in right of payment, to the extent and in the manner provided in the Indenture, to the prior payment of all Senior Indebtedness and indebtedness to trade creditors of the Corporation, whether outstanding at the date of the Indenture or thereafter created, incurred, assumed or guaranteed. This Initial Debenture is subordinate to claims or creditors of the Corporation's Subsidiaries, except to the extent the Corporation is a creditor of such Subsidiaries ranking at least *pari passu* with such other creditors.

The principal hereof may become or be declared due and payable before the stated maturity in the events, in the manner, with the effect and at the times provided in the Indenture.

The Indenture contains provisions making binding upon all holders of Debentures outstanding hereunder (or in certain circumstances, specific series of Debentures) resolutions passed at meetings of such holders held in accordance with such provisions and instruments signed by the holders of a specified majority of Debentures outstanding (or specific series), which resolutions or instruments may have the effect of amending the terms of this Initial Debenture or the Indenture.

The Indenture contains provisions disclaiming any personal liability on the part of holders of Common Shares or an annuitant or beneficiary governed by a registered retirement savings plan, registered retirement income fund, registered education savings plan, deferred profit sharing plan, registered disability savings plan or tax-free savings account, or the directors, officers or agents of the Corporation in respect of any obligation or claim arising out of the Indenture or this Initial Debenture and limiting recourse for such obligation or claim only to the assets from time to time of the Corporation.

This Initial Debenture may only be transferred, upon compliance with the conditions prescribed in the Indenture, in one of the registers to be kept at the principal office of the Trustee in Toronto, Ontario and in such other place or places as the Corporation with the approval of the Trustee may designate. No transfer of this Initial Debenture shall be valid unless made on the register by the registered holder hereof or their executors or administrators or other legal representatives, or their attorney duly appointed by an instrument in form and substance satisfactory to the Trustee, and upon compliance with such reasonable requirements as the Trustee may prescribe and upon surrender of this Initial Debenture for cancellation. Thereupon a new Initial Debenture or Initial Debentures in the same aggregate principal amount shall be issued to the transferee in exchange hereof.

This Initial Debenture shall not become obligatory for any purpose until it shall have been certified by the Trustee under the Indenture.

The Indenture is and this Debenture shall be governed by and construed in accordance with the laws of the Province of Ontario and the laws of Canada applicable therein.

Capitalized words or expressions used in this Initial Debenture shall, unless otherwise defined herein, have the meaning ascribed thereto in the Indenture. **In the event that the terms and conditions stated in this Debenture conflict, or are inconsistent with, the terms and conditions of the Indenture, the Indenture shall prevail and take priority.**

*[Remainder of this page intentionally left blank.]*

**IN WITNESS WHEREOF** the Corporation has caused this Debenture to be signed by its authorized signatory as of the \_\_\_ day of \_\_\_\_\_, 2021.

**QUARTERHILL INC.,  
by its authorized signatory**

\_\_\_\_\_  
Name:  
Title:

| <b>TRUSTEE'S CERTIFICATE</b>  |                          |                      |
|---|--------------------------|----------------------|
| This Initial Debenture is one of the 6.0% Convertible Unsecured Subordinated Debentures due on the Final Maturity Date and referred to in the Indenture within mentioned. |                          |                      |
| Date: _____   |                          |                      |
| Computershare Trust Company of Canada   |                          |                      |
| By: _____<br>(Authorized Officer)   |                          |                      |
| <b>REGISTRATION PANEL</b><br>(No writing hereon except by Trustee)  |                          |                      |
| Date of Registration  | In Whose Name Registered | Signature of Trustee |
|   |                          |                      |
|   |                          |                      |
|   |                          |                      |

| ASSIGNMENT  |   | CONVERSION NOTICE  |  |                        |                  |       |   |  |                                  |       |  |  |  |                        |                                  |  |  |                    |   |  |  |                       |  |  |  |                    |  |  |  |                       |  |  |  |
|---|---|--|--|------------------------|------------------|-------|---|--|----------------------------------|-------|--|--|--|------------------------|----------------------------------|--|--|--------------------|---|--|--|-----------------------|--|--|--|--------------------|--|--|--|-----------------------|--|--|--|
| <p>FOR VALUE RECEIVED, the undersigned hereby sells, assigns and transfers unto _____, whose address and social insurance number, if applicable, are set forth below, this Initial Debenture (or \$ _____ principal amount hereof) of</p> <p>Quarterhill Inc. standing in the name(s) of the undersigned in the register maintained by the Corporation with respect to such Initial Debenture and does hereby irrevocably authorize and direct the Trustee to transfer such Initial Debenture in such register, with full power of substitution in the premises.</p>  |   | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">TO:</td> <td>Quarterhill Inc.</td> </tr> <tr> <td>Note:</td> <td>All capitalized terms used herein have the meaning ascribed thereto in the Indenture, unless otherwise indicated.</td> </tr> </table> <p>The undersigned registered holder of 6.0% Convertible Unsecured Subordinated Debentures bearing Certificate No. _____ irrevocably elects to convert such Debentures (or \$ _____ principal amount thereof) in accordance with the terms of the Indenture and tenders herewith the Debentures, and, if applicable, directs that the Common Shares of Quarterhill Inc. issuable upon a conversion be issued and delivered to the person</p> <p>indicated below.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">Dated:</td> <td>(Signature of Registered Holder)</td> </tr> </table> <p>If less than the full principal amount of this Debenture is being converted, indicate in the space provided the principal amount (which must be \$1,000 or integral multiples thereof) to be converted.</p> <p>NOTE: If Common Shares are to be issued in the name of a person other than the holder, the signature must be guaranteed by an authorized officer of a Schedule I Canadian chartered bank or of a major Canadian trust company, or by a medallion signature guarantee from a member of a recognized Medallion Signature Guarantee Program.</p> <p>The registered holder of this Initial Debenture is responsible for the payment of any documentary, stamp or other transfer taxes that may be payable in respect of the conversion of this Initial Debenture.</p> <p>(Print name in which Common Shares are to be issued, delivered and registered)</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">Name:</td> </tr> <tr> <td colspan="2"> </td> </tr> <tr> <td style="width: 15%;">Address:</td> <td>(City, Province and Postal Code)</td> </tr> <tr> <td colspan="2"> </td> </tr> <tr> <td colspan="2">Name of guarantor:</td> </tr> <tr> <td colspan="2"> </td> </tr> <tr> <td colspan="2">Authorized signature:</td> </tr> <tr> <td colspan="2"> </td> </tr> </table> |  | TO:                    | Quarterhill Inc. | Note: | All capitalized terms used herein have the meaning ascribed thereto in the Indenture, unless otherwise indicated. | Dated:   | (Signature of Registered Holder) | Name: |  |  |  | Address:               | (City, Province and Postal Code) |  |  | Name of guarantor: |   |  |  | Authorized signature: |  |  |  |                    |  |  |  |                       |  |  |  |
| TO:   | Quarterhill Inc.  |  |  |                        |                  |       |   |  |                                  |       |  |  |  |                        |                                  |  |  |                    |   |  |  |                       |  |  |  |                    |  |  |  |                       |  |  |  |
| Note:   | All capitalized terms used herein have the meaning ascribed thereto in the Indenture, unless otherwise indicated. |  |  |                        |                  |       |   |  |                                  |       |  |  |  |                        |                                  |  |  |                    |   |  |  |                       |  |  |  |                    |  |  |  |                       |  |  |  |
| Dated:  | (Signature of Registered Holder)  |  |  |                        |                  |       |   |  |                                  |       |  |  |  |                        |                                  |  |  |                    |   |  |  |                       |  |  |  |                    |  |  |  |                       |  |  |  |
| Name:   |   |  |  |                        |                  |       |   |  |                                  |       |  |  |  |                        |                                  |  |  |                    |   |  |  |                       |  |  |  |                    |  |  |  |                       |  |  |  |
|   |   |  |  |                        |                  |       |   |  |                                  |       |  |  |  |                        |                                  |  |  |                    |   |  |  |                       |  |  |  |                    |  |  |  |                       |  |  |  |
| Address:  | (City, Province and Postal Code)  |  |  |                        |                  |       |   |  |                                  |       |  |  |  |                        |                                  |  |  |                    |   |  |  |                       |  |  |  |                    |  |  |  |                       |  |  |  |
|   |   |  |  |                        |                  |       |   |  |                                  |       |  |  |  |                        |                                  |  |  |                    |   |  |  |                       |  |  |  |                    |  |  |  |                       |  |  |  |
| Name of guarantor:  |   |  |  |                        |                  |       |   |  |                                  |       |  |  |  |                        |                                  |  |  |                    |   |  |  |                       |  |  |  |                    |  |  |  |                       |  |  |  |
|   |   |  |  |                        |                  |       |   |  |                                  |       |  |  |  |                        |                                  |  |  |                    |   |  |  |                       |  |  |  |                    |  |  |  |                       |  |  |  |
| Authorized signature:   |   |  |  |                        |                  |       |   |  |                                  |       |  |  |  |                        |                                  |  |  |                    |   |  |  |                       |  |  |  |                    |  |  |  |                       |  |  |  |
|   |   |  |  |                        |                  |       |   |  |                                  |       |  |  |  |                        |                                  |  |  |                    |   |  |  |                       |  |  |  |                    |  |  |  |                       |  |  |  |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">Date:</td> <td> </td> </tr> <tr> <td>Address of Transferee:</td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td colspan="2">(Street Address, City, Province and Postal Code)</td> </tr> <tr> <td colspan="2"> </td> </tr> <tr> <td colspan="2">Social Insurance Number of Transferee if applicable:</td> </tr> </table> <p>If less than the full principal amount of the within Initial Debenture is to be transferred, indicate in the space provided the principal amount (which must be \$1,000 or an integral multiple thereof, unless you hold an Initial Debenture in a non-integral multiple of \$1,000, in which case such Initial Debenture is transferable only in its entirety) to be transferred.</p> <p>1. The signature(s) to this assignment must correspond with the name(s) as written upon the face of this Initial Debenture in every particular without alteration or any change whatsoever. The signature must be guaranteed by an authorized officer of a Schedule I Canadian chartered bank or of a major Canadian trust company, or by a medallion signature guarantee from a member of a recognized Medallion Signature Guarantee Program.</p> <p>2. The registered holder of this Initial Debenture is responsible for the payment of any documentary, stamp or other transfer taxes that may be payable in respect of the transfer of this Initial Debenture.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">Signature of Guarantor</td> </tr> <tr> <td colspan="2"> </td> </tr> <tr> <td style="width: 15%;">Authorized Officer</td> <td>Signature of transferring registered holder</td> </tr> <tr> <td colspan="2"> </td> </tr> <tr> <td colspan="2">Name of Institution</td> </tr> </table> |   | Date:  |  | Address of Transferee: |                  |       |   | (Street Address, City, Province and Postal Code) |                                  |       |  | Social Insurance Number of Transferee if applicable: |  | Signature of Guarantor |                                  |  |  | Authorized Officer | Signature of transferring registered holder |  |  | Name of Institution   |  | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">Name of guarantor:</td> </tr> <tr> <td colspan="2"> </td> </tr> <tr> <td colspan="2">Authorized signature:</td> </tr> <tr> <td colspan="2"> </td> </tr> </table> |  | Name of guarantor: |  |  |  | Authorized signature: |  |  |  |
| Date:   |   |  |  |                        |                  |       |   |  |                                  |       |  |  |  |                        |                                  |  |  |                    |   |  |  |                       |  |  |  |                    |  |  |  |                       |  |  |  |
| Address of Transferee:  |   |  |  |                        |                  |       |   |  |                                  |       |  |  |  |                        |                                  |  |  |                    |   |  |  |                       |  |  |  |                    |  |  |  |                       |  |  |  |
|   |   |  |  |                        |                  |       |   |  |                                  |       |  |  |  |                        |                                  |  |  |                    |   |  |  |                       |  |  |  |                    |  |  |  |                       |  |  |  |
| (Street Address, City, Province and Postal Code)  |   |  |  |                        |                  |       |   |  |                                  |       |  |  |  |                        |                                  |  |  |                    |   |  |  |                       |  |  |  |                    |  |  |  |                       |  |  |  |
|   |   |  |  |                        |                  |       |   |  |                                  |       |  |  |  |                        |                                  |  |  |                    |   |  |  |                       |  |  |  |                    |  |  |  |                       |  |  |  |
| Social Insurance Number of Transferee if applicable:  |   |  |  |                        |                  |       |   |  |                                  |       |  |  |  |                        |                                  |  |  |                    |   |  |  |                       |  |  |  |                    |  |  |  |                       |  |  |  |
| Signature of Guarantor  |   |  |  |                        |                  |       |   |  |                                  |       |  |  |  |                        |                                  |  |  |                    |   |  |  |                       |  |  |  |                    |  |  |  |                       |  |  |  |
|   |   |  |  |                        |                  |       |   |  |                                  |       |  |  |  |                        |                                  |  |  |                    |   |  |  |                       |  |  |  |                    |  |  |  |                       |  |  |  |
| Authorized Officer  | Signature of transferring registered holder   |  |  |                        |                  |       |   |  |                                  |       |  |  |  |                        |                                  |  |  |                    |   |  |  |                       |  |  |  |                    |  |  |  |                       |  |  |  |
|   |   |  |  |                        |                  |       |   |  |                                  |       |  |  |  |                        |                                  |  |  |                    |   |  |  |                       |  |  |  |                    |  |  |  |                       |  |  |  |
| Name of Institution   |   |  |  |                        |                  |       |   |  |                                  |       |  |  |  |                        |                                  |  |  |                    |   |  |  |                       |  |  |  |                    |  |  |  |                       |  |  |  |
| Name of guarantor:  |   |  |  |                        |                  |       |   |  |                                  |       |  |  |  |                        |                                  |  |  |                    |   |  |  |                       |  |  |  |                    |  |  |  |                       |  |  |  |
|   |   |  |  |                        |                  |       |   |  |                                  |       |  |  |  |                        |                                  |  |  |                    |   |  |  |                       |  |  |  |                    |  |  |  |                       |  |  |  |
| Authorized signature:   |   |  |  |                        |                  |       |   |  |                                  |       |  |  |  |                        |                                  |  |  |                    |   |  |  |                       |  |  |  |                    |  |  |  |                       |  |  |  |
|   |   |  |  |                        |                  |       |   |  |                                  |       |  |  |  |                        |                                  |  |  |                    |   |  |  |                       |  |  |  |                    |  |  |  |                       |  |  |  |

**SCHEDULE B**  
**TO THE INDENTURE BETWEEN**  
**QUARTERHILL INC.**  
**AND**  
**COMPUTERSHARE TRUST COMPANY OF CANADA**  
**FORM OF REDEMPTION NOTICE**

**SCHEDULE B  
FORM OF REDEMPTION NOTICE**

**QUARTERHILL INC.**

**6.0% CONVERTIBLE UNSECURED SUBORDINATED DEBENTURES REDEMPTION NOTICE**

To: Holders of 6.0% Convertible Unsecured Subordinated Debentures (the “**Debentures**”) of Quarterhill Inc. (the “**Corporation**”)

Note: All capitalized terms used herein have the meanings ascribed thereto in the Indenture mentioned below, unless otherwise indicated.

Notice is hereby given pursuant to Section 4.3 of the Indenture (the “**Indenture**”) dated as of October 27, 2021 between the Corporation and Computershare Trust Company of Canada (the “**Trustee**”), that \$■ aggregate principal amount of Debentures outstanding will be redeemed as of ■ (the “**Redemption Date**”), upon payment of a redemption amount of \$■ for each \$1,000 principal amount of Debentures, being equal to the aggregate of (i) \$■, and (ii) all accrued and unpaid interest thereon to but excluding the Redemption Date (collectively, the “**Redemption Price**”).

The Redemption Price will be payable upon presentation and surrender of the Debentures called for redemption at the following corporate trust office:

Computershare Trust Company of Canada  
100 University Avenue  
8<sup>th</sup> Floor, North Tower  
Toronto, Ontario M5J 2Y1

Attention:           Manager, Corporate Trust

The interest upon the principal amount of Debentures called for redemption shall cease to be payable from and after the Redemption Date, unless payment of the Redemption Price, plus accrued and unpaid interest, shall not be made on presentation for surrender of such Debentures at the above-mentioned corporate trust office on or after the Redemption Date or prior to the setting aside of the Redemption Price, plus accrued and unpaid interest, pursuant to the Indenture.

**[Pursuant to Section 4.6 of the Indenture, the Corporation hereby irrevocably elects to satisfy its obligation to pay to holders of Debentures the Redemption Price, [in whole/in part,] by issuing and delivering to the holders that number of Freely Tradeable Common Shares obtained by dividing the aggregate principal amount of Debentures by 95% of the Current Market Price of the Common Shares on the Redemption Date. \$■ aggregate principal amount of Debentures will be redeemed by the Corporation pursuant to its Common Share Redemption Right.**

**No fractional Common Shares shall be delivered upon the exercise by the Corporation of the Common Share Redemption Right but, in lieu thereof, the Corporation shall pay the cash equivalent thereof determined on the basis of the Current Market Price of Common Shares on the Redemption Date (less any tax required to be withheld, if any). [Delete as appropriate.]**

In this connection, upon presentation and surrender of the Debentures for payment on the Redemption Date, the Corporation shall, on the Redemption Date, make delivery to the Trustee, at the above-mentioned corporate trust office, for delivery to and on account of the holders, the number of Freely Tradeable Common Shares (in book-based or certificated form) to which holders are entitled and cash equal to all accrued and unpaid interest to the Redemption Date together with the cash equivalent in lieu of all fractional Common Shares.

DATED: ■

**QUARTERHILL INC., by its authorized signatory**

By: \_\_\_\_\_

Name: ■

Title: ■

**SCHEDULE C**  
**TO THE INDENTURE BETWEEN**  
**QUARTERHILL INC.**  
**AND**  
**COMPUTERSHARE TRUST COMPANY OF CANADA**  
**FORM OF MATURITY NOTICE**

**SCHEDULE C  
FORM OF MATURITY NOTICE**

**QUARTERHILL INC.  
6.0% CONVERTIBLE UNSECURED  
SUBORDINATED DEBENTURES MATURITY NOTICE**

To: Holders of 6.0% Convertible Unsecured Subordinated Debentures (the “**Debentures**”) of Quarterhill Inc. (the “**Corporation**”)

Note: All capitalized terms used herein have the meanings ascribed thereto in the Indenture mentioned below, unless otherwise indicated.

Notice is hereby given pursuant to Section 4.10(b) of the Indenture (the “**Indenture**”) dated as of October 27, 2021 between the Corporation and Computershare Trust Company of Canada, as Trustee (the “**Trustee**”), that the Debentures are due and payable as of October 30, 2026 (the “**Maturity Date**”) and the Corporation hereby advises the holders of Debentures that it will deliver to holders of Debentures in lawful money of Canada an amount equal to the principal amount of the outstanding Debentures together with accrued and unpaid interest thereon. **[Pursuant to Section 4.10 of the Indenture, the Corporation hereby irrevocably elects to satisfy its obligation to repay, [in whole/in part,] by issuing and delivering to the holders that number of Freely Tradeable Common Shares equal to the number obtained by dividing the aggregate principal amount of such Debentures by 95% of the Current Market Price of Common Shares on the Maturity Date. \$■ aggregate principal amount of Debentures will be repaid by the Corporation pursuant to its Common Share Repayment Right.] [Delete as appropriate.]** In the event that the Corporation elects to issue and deliver Common Shares as aforesaid, upon presentation and surrender of the Debentures, the Corporation shall pay or cause to be paid in cash to the holder all accrued and unpaid interest to the Maturity Date, together with the cash equivalent representing fractional Common Shares, and shall, on the Maturity Date, send to the Trustee the Freely Tradeable Common Shares (in book-based or certificated form) to which the holder is entitled.

DATED: ■

**QUARTERHILL INC., by its authorized signatory**

By: \_\_\_\_\_

Name: ■

Title: ■