MORGAN STANLEY Form FWP March 05, 2019

Free Writing Prospectus No. 1,712 Registration Statement Nos. 333-221595; 333-221595-01 Dated March 5, 2019 Filed Pursuant to Rule 433

Morgan Stanley Finance LLC Step Down Trigger Autocallable Notes

Linked to the Least Performing Underlying between the Russell 2000[®] Index and the MSCI EAFE[®] Index due March 20, 2024

Fully and Unconditionally Guaranteed by Morgan Stanley

Principal at Risk Securities

Investment Description

These Trigger Autocallable Notes (the "Securities") are unsecured and unsubordinated debt obligations of Morgan Stanley Finance LLC ("MSFL") and are fully and unconditionally guaranteed by Morgan Stanley. The Securities provide a return based on the least performing underlying between the Russell 2000[®] Index (the "RTY Index") and the MSCI EAFE® Index (the "MXEA Index," and together with the RTY Index, the "Underlyings"). If the Index Closing Values of both the RTY Index and the MXEA Index (each, an "Underlying") on any quarterly Observation Date beginning March 23, 2020 (the "Observation Date Closing Values") are equal to or greater than (i) their respective Initial Underlying Values on any of the first sixteen quarterly Observation Dates or (ii) their respective Downside Thresholds on the Final Observation Date, MSFL will automatically call the Securities and pay the principal amount of the Securities plus a Call Return that will vary depending on the Observation Date and will reflect a fixed Call Return Rate on a per-annum basis. However, if the Securities are not called, and therefore the Final Underlying Value of at least one of the RTY Index or the MXEA Index is less than its respective Downside Threshold, MSFL will pay you significantly less than the full principal amount, if anything, at maturity, resulting in a loss on your principal amount that is proportionate to the full decline in the value of the Underlying with the larger percentage decrease from its Initial Underlying Value to its Final Underlying Value (the "Least Performing Underlying"), even if the other Underlying appreciates or does not decline as much. Investors will not participate in any appreciation of the Underlyings. These long-dated Securities may be appropriate for investors who are willing to risk their entire principal at maturity and are willing to forego current income in exchange for the possibility of receiving the Call Return prior to or at maturity, if the Index Closing Values of **both Underlyings** are at or above their respective Initial Underlying Values as of one of the first sixteen quarterly Observation Dates, or, if the Securities have not been called prior to maturity, if the Final Underlying Values of **both Underlyings** are greater than or equal to their respective Downside Thresholds. Because all payments on the Securities are based on the least performing underlying between the RTY Index and the MXEA Index, the fact that the Securities are linked to two Underlyings does not provide any asset diversification benefits and instead means that a decline in the value beyond the relevant Downside Threshold of either the RTY Index or the MXEA Index will result in a loss of a significant portion or all of your investment, even if the other Underlying appreciates or does not decline as much. Investing in the Securities involves significant risks. The Issuer will not automatically call the Securities following any of the first sixteen quarterly Observation Dates if the Observation Date Closing Value of either of the Underlyings is below its respective Initial Underlying Value. You will lose a significant portion or all of your principal amount at maturity if the Securities are not called prior to or at maturity and therefore the Final Underlying Value of at least one of the Underlyings is below its Downside Threshold. Generally, the higher the Call Return Rate for the Securities, the greater the risk of loss on those Securities. The Downside Thresholds are observed only on the Final Observation Date and the contingent downside market exposure applies at maturity; if you sell the Securities

prior to maturity, you may receive substantially less than the principal amount even if the values of both Underlyings are greater than their respective Downside Thresholds at the time of sale.

All payments are subject to our credit risk. If we default on our obligations, you could lose a significant portion or all of your investment. These Securities are not secured obligations and you will not have any security interest in, or otherwise have any access to, any underlying reference asset or assets.

Features Key Dates*

- Automatically Callable: MSFL will automatically call the Securities and pay you the principal amount plus a Call Return if (i) the Observation Date Closing Values of both the RTY Index and the MXEA Index on any of the first sixteen quarterly Observation Dates beginning March 23, 2020 are equal to or greater than their respective Initial Underlying Values, or (ii) the Observation Date Closing Values of both Underlyings on the Final Observation Date are equal to or greater than their respective Downside Thresholds. If the Securities are called on any quarterly Observation Date, no further payments will be made on the Securities. The Call Return will vary depending on the Observation Date and will reflect a fixed Call Return Rate on a per-annum basis. If the Securities are not called, investors will have the downside equity market risk of the Least Performing Underlying at maturity.
- q Contingent Downside Market Exposure at Maturity: If the Securities are not automatically called, the Final Underlying Value of at least one of the RTY Index or the MXEA Index will therefore necessarily be less than its respective Downside Threshold and MSFL will repay less than the principal amount, if anything, at maturity, resulting in a significant loss on your principal amount that is proportionate to the full decline in the value of the Least Performing Underlying from the Trade Date to the Final Observation Date. The Downside Thresholds are observed only on the Final Observation Date and the contingent downside market exposure applies at maturity. If you are able to sell the Securities prior to maturity, you may receive substantially less than the principal amount even if the values of both Underlyings are greater than their respective Downside Thresholds at the time of sale. Any payment on the Securities is subject to our creditworthiness.

Trade Date March 15, 2019

Settlement Date March 20, 2019 (3 business days after the Trade Date)

Observation Dates Quarterly, beginning March 23, 2020.See "Observation Dates, Call Settlement Dates, Call

Returns and Call Prices" on page 6 for details.

Final Observation March 15, 2024

Date**
Maturity Date**
March 20, 2024

- * Expected. In the event that we make any change to the expected Trade Date and Settlement Date, we may change the Observation Dates, the Final Observation Date and/or the Maturity Date so that the stated term of the Securities remains the same.
- ** Subject to postponement in the event of a Market Disruption Event or for non-Index Business Days. See "Postponement of Determination Dates" in the accompanying product supplement.

NOTICE TO INVESTORS: THE SECURITIES ARE SIGNIFICANTLY RISKIER THAN CONVENTIONAL DEBT INSTRUMENTS. THE SECURITIES DO NOT GUARANTEE THE REPAYMENT OF THE FULL PRINCIPAL AMOUNT AT MATURITY, AND THE SECURITIES WILL HAVE DOWNSIDE MARKET RISK SIMILAR TO THE LEAST PERFORMING OF THE TWO UNDERLYINGS, SUBJECT TO THE RESPECTIVE DOWNSIDE THRESHOLDS AT MATURITY. THIS MARKET RISK IS IN ADDITION TO THE CREDIT RISK INHERENT IN PURCHASING OUR DEBT OBLIGATIONS. YOU SHOULD NOT PURCHASE THE SECURITIES IF YOU DO NOT UNDERSTAND OR ARE NOT COMFORTABLE WITH THE SIGNIFICANT RISKS INVOLVED IN INVESTING IN THE SECURITIES. THE SECURITIES WILL

NOT BE LISTED ON ANY SECURITIES EXCHANGE.

YOU SHOULD CAREFULLY CONSIDER THE RISKS DESCRIBED UNDER "KEY RISKS" BEGINNING ON PAGE 7 BEFORE PURCHASING ANY SECURITIES. EVENTS RELATING TO ANY OF THOSE RISKS, OR OTHER RISKS AND UNCERTAINTIES, COULD ADVERSELY AFFECT THE MARKET VALUE OF, AND THE RETURN ON, YOUR SECURITIES. YOU MAY LOSE A SIGNIFICANT PORTION OR ALL OF YOUR PRINCIPAL AMOUNT.

Security Offering

This free writing prospectus relates to Securities linked to the least performing underlying between the Russell 2000[®] Index and the MSCI EAFE[®] Index. The actual Call Return Rate and the actual Initial Underlying Values and Downside Thresholds for the RTY Index and the MXEA Index will be determined on the Trade Date. The Securities are offered at a minimum investment of \$1,000 in denominations of \$10 and integral multiples thereof.

Underlying	Initial Underlying Value	Downside Threshold	Call Return Rate*	CUSIP	ISIN
Russell 2000®		70% of the Initial			
Index		Underlying Value	7.00% to 8.00% per	61760V40	011061760V4007
MSCI EAFE®		70% of the Initial	annum	01/08/49	90301/087499/
Index		Underlying Value			

^{*} The actual Call Return Rate will be determined on the Trade Date. If the Securities are called, the Call Price will be a fixed amount based on the Call Return with respect to each Observation Date. See "Observation Dates, Call Settlement Dates, Call Returns and Call Prices" on page 6.

See "Additional Information about Morgan Stanley, MSFL and the Securities" on page 2. The Securities will have the terms set forth in the accompanying prospectus, product supplement and index supplement and this free writing prospectus.

Neither the Securities and Exchange Commission nor any other regulatory body has approved or disapproved of these Securities or passed upon the adequacy or accuracy of this free writing prospectus or the accompanying product supplement, index supplement or prospectus. Any representation to the contrary is a criminal offense. The Securities are not deposits or savings accounts and are not insured by the Federal Deposit Insurance Corporation or any other governmental agency or instrumentality, nor are they obligations of, or guaranteed by, a bank.

Approximately \$9.616 per Security, or within \$0.30 of that

Estimated value on the Trade Date estimate. See "Additional Information about Morgan

Stanley and the Securities" on page 2.

Price to Public Underwriting Discount⁽¹⁾ Proceeds to Us⁽²⁾

Per Security \$10.00 \$0.25 \$9.75 Total \$ \$

- (1) UBS Financial Services Inc., acting as dealer, will receive from Morgan Stanley & Co. LLC, the agent, a fixed sales commission of \$0.25 for each Security it sells. For more information, please see "Supplemental Plan of Distribution; Conflicts of Interest" on page 26 of this free writing prospectus.
- (2) See "Use of Proceeds and Hedging" on page 25.

The agent for this offering, Morgan Stanley & Co. LLC ("MS & Co."), is our affiliate and a wholly owned subsidiary of Morgan Stanley. See "Supplemental Plan of Distribution; Conflicts of Interest" on page 26 of this free writing prospectus.

Morgan Stanley UBS Financial Services Inc.

Additional Information about Morgan Stanley, MSFL and the Securities

Morgan Stanley and MSFL have filed a registration statement (including a prospectus, as supplemented by a product supplement and an index supplement) with the SEC for the offering to which this communication relates. Before you invest, you should read the prospectus in that registration statement, the product supplement, the index supplement and any other documents relating to this offering that Morgan Stanley and MSFL have filed with the SEC for more complete information about Morgan Stanley, MSFL and this offering. You may get these documents for free by visiting EDGAR on the SEC website at.www.sec.gov. Alternatively, Morgan Stanley, MSFL, any underwriter or any dealer participating in this offering will arrange to send you the prospectus, the product supplement and index supplement if you so request by calling toll-free 1-(800)-584-6837.

You may access the accompanying product supplement, index supplement and prospectus on the SEC website at.www.sec.gov as follows:

- Product supplement for auto-callable securities dated November 16, 2017: https://www.sec.gov/Archives/edgar/data/895421/000095010317011247/dp82806_424b2-autocall.htm
- t Index supplement dated November 16, 2017: https://www.sec.gov/Archives/edgar/data/895421/000095010317011283/dp82797 424b2-indexsupp.htm
 - Prospectus dated November 16, 2017: https://www.sec.gov/Archives/edgar/data/895421/000095010317011237/dp82798 424b2-base.htm

References to "MSFL" refer to only MSFL, references to "Morgan Stanley" refer to only Morgan Stanley and references to "we," "our" and "us" refer to MSFL and Morgan Stanley collectively. In this document, the "Securities" refers to the Step Down Trigger Autocallable Notes that are offered hereby. Also, references to the accompanying "prospectus", "product supplement" and "index supplement" mean the prospectus filed by MSFL and Morgan Stanley dated November 16, 2017, the product supplement for auto-callable securities filed by MSFL and Morgan Stanley dated November 16, 2017 and the index supplement filed by MSFL and Morgan Stanley dated November 16, 2017, respectively.

You should rely only on the information incorporated by reference or provided in this free writing prospectus or the accompanying product supplement, index supplement and prospectus. We have not authorized anyone to provide you with different information. We are not making an offer of these Securities in any state where the offer is not permitted. You should not assume that the information in this free writing prospectus or the accompanying product supplement, index supplement and prospectus is accurate as of any date other than the date on the front of this document.

If the terms contained in this free writing prospectus differ from those discussed in the product supplement, index supplement or prospectus, the terms contained in this free writing prospectus will control.

The Issue Price of each Security is \$10. This price includes costs associated with issuing, selling, structuring and hedging the Securities, which are borne by you, and, consequently, the estimated value of the Securities on the Trade Date will be less than \$10. We estimate that the value of each Security on the Trade Date will be approximately \$9.616, or within \$0.30 of that estimate. Our estimate of the value of the Securities as determined on the Trade Date will be set forth in the final pricing supplement.

What goes into the estimated value on the Trade Date?

In valuing the Securities on the Trade Date, we take into account that the Securities comprise both a debt component and a performance-based component linked to the Underlyings. The estimated value of the Securities is determined using our own pricing and valuation models, market inputs and assumptions relating to the Underlyings, instruments based on the Underlyings, volatility and other factors including current and expected interest rates, as well as an interest rate related to our secondary market credit spread, which is the implied interest rate at which our conventional fixed rate debt trades in the secondary market.

What determines the economic terms of the Securities?

In determining the economic terms of the Securities, including the Call Return Rate and the Downside Thresholds, we use an internal funding rate, which is likely to be lower than our secondary market credit spreads and therefore advantageous to us. If the issuing, selling, structuring and hedging costs borne by you were lower or if the internal funding rate were higher, one or more of the economic terms of the Securities would be more favorable to you.

What is the relationship between the estimated value on the Trade Date and the secondary market price of the Securities?

The price at which MS & Co. purchases the Securities in the secondary market, absent changes in market conditions, including those related to the Underlyings, may vary from, and be lower than, the estimated value on the Trade Date, because the secondary market price takes into account our secondary market credit spread as well as the bid-offer spread that MS & Co. would charge in a secondary market transaction of this type and other factors. However, because the costs associated with issuing, selling, structuring and hedging the Securities are not fully deducted upon issuance, for a period of up to 9 months following the Settlement Date, to the extent that MS & Co. may buy or sell the Securities in the secondary market, absent changes in market conditions, including those related to the Underlyings, and to our secondary market credit spreads, it would do so based on values higher than the estimated value. We expect that those higher values will also be reflected in your brokerage account statements.

MS & Co. currently intends, but is not obligated, to make a market in the Securities, and, if it once chooses to make a market, may cease doing so at any time.

Investor Suitability

The Securities may be suitable for you if:

- You fully understand the risks inherent in an investment in the Securities, including the risk of loss of your an investment in the Securities, including the risk of entire initial investment.
- You can tolerate a loss of all or a substantial portion of your investment and are willing to make an investment that will have the same downside market risk, subject to the respective Downside Thresholds at maturity, as the Least Performing Underlying.
- t You understand and accept the risks associated with the Underlyings.
- You believe both the RTY Index and the MXEA Index will close at or above their respective Initial Underlying Values on one of the first sixteen Observation Dates or will close at or above their respective Downside Thresholds on the Final Observation Date.
- t You are willing to invest in the Securities based on the Downside Threshold for each Underlying specified on the cover hereof.
- t You understand that the linkage to two Underlyings does not provide any portfolio diversification benefits and instead means that a decline in the value beyond the relevant Downside Threshold of either the RTY Index or the MXEA Index will result in a significant loss on your investment, even if the other Underlying appreciates or does not decline as much.
- t You understand and accept that you will not participate in significant portion or all of your investment, even if the any appreciation in the values of the Underlyings and that your potential return is limited to the applicable Call Return,

The Securities may not be suitable for you if:

- You do not fully understand the risks inherent in loss of your entire initial investment.
- You cannot tolerate a loss of all or a substantial portion of your investment, or are unwilling to make an investment that will have the same downside market risk, subject to the respective Downside Thresholds at maturity, as the Least Performing Underlying.
- You require an investment designed to provide a full return of principal at maturity.
- t You do not understand and accept the risks associated with the Underlyings.
- You believe that the value of one of the RTY Index or the MXEA Index will decline during the term of the Securities and is likely to close below its Downside Threshold on the Final Observation Date, exposing you to the full decline in the value of the Least Performing Underlying.
- t You are unwilling to invest in the Securities based on the Downside Threshold for each Underlying specified on the cover hereof.
- t You are not comfortable with an investment linked to two Underlyings such that a decline in the value beyond the relevant Downside Threshold of either the RTY Index or the MXEA Index will result in a loss of a other Underlying appreciates or does not decline as much .

if any.

- t You can tolerate fluctuations in the value of the Securities prior to maturity that may be similar to or exceed the downside value fluctuations of the Least Performing Underlying.
- t You seek an investment that participates in the appreciation in the values of the Underlyings or that has unlimited return potential.

- t You do not seek current income from this investment and are willing to forgo dividends paid on the stocks comprising the Underlyings.
- t You cannot tolerate fluctuations in the value of the Securities prior to maturity that may be similar to or exceed the downside value fluctuations of the Least Performing Underlying.
- You are willing to invest in Securities that may be called with comparable maturities and credit ratings. early or you are otherwise willing to hold the Securities to maturity, as set forth on the cover of this free writing prospectus.
- t You prefer the lower risk, and therefore accept the potentially lower returns, of fixed income investments with comparable maturities and credit ratings.

- t You accept that there may be little or no secondary market for the Securities and that any secondary market will depend in large part on the price, if any, at which MS & Co. is willing to trade the Securities.
- t You seek current income from this investment or prefer to receive the dividends paid on the stocks comprising the Underlyings.

- t You are willing to assume our credit risk, and understand that if we default on our obligations you may not receive any amounts due to you and could lose your entire investment.
- t You are unable or unwilling to invest in Securities that may be called early, or you are otherwise unable or unwilling to hold the Securities to maturity, as set forth on the cover of this free writing prospectus, or you seek an investment for which there will be an active secondary market.
- t You are not willing to assume our credit risk for all payments under the Securities, including any repayment of principal.

The investor suitability considerations identified above are not exhaustive. Whether or not the Securities are a suitable investment for you will depend on your individual circumstances, and you should reach an investment decision only after you and your investment, legal, tax, accounting and other advisors have carefully considered the suitability of an investment in the Securities in light of your particular circumstances. You should also review carefully the sections entitled "Key Risks" beginning on page 7 of this free writing prospectus and "Risk Factors" beginning on page 5 of the accompanying prospectus and page S-36 of the accompanying product supplement for risks related to an investment in the Securities. For additional information about the Underlyings, see the information set forth under "The Russell 2000 Index" on page 19 and "The MSCI EAPE Index" on page 21.

Terms

Issuer Morgan Stanley Finance LLC

Guarantor Morgan Stanley

Issue Price \$10.00 per Security. The Securities are offered at a minimum investment of 100 Securities.

Underlyings The Russell 2000® Index (the "RTY Index") and the MSCI EAPEIndex (the "MXEA Index")

Principal Amount \$10.00 per Security

Term 5 years, unless earlier called

The Securities will be called automatically if the Observation Date Closing Values of **both the RTY Index and the MXEA Index** are **equal to or greater than** (i) their respective Initial Underlying Values on any of the first sixteen Observation Dates or (ii) their respective Downside Thresholds on the Final Observation Date.

If the Securities are called, MSFL will pay you on the related Call Settlement Date a Call Price per Security calculated as follows (see "Observation Dates, Call Settlement Dates, Call Returns and Call Prices" on page 6):

Automatic Call Feature

\$10 + (\$10 x Call Return)

After the Securities have been called, no further payments will be made on the Securities.

The Securities will not be called following any of the first sixteen quarterly Observation Dates if the Observation Date Closing Value of either of the Underlyings is below its respective Initial Underlying Value.

The Call Return varies depending on the Observation Date and increases the longer the Securities are outstanding. The Call Return is based on an quarterly Call Return Rate of 7.00% to 8.00% per annum (to be determined on the Trade Date).

Call Return and Call Return Rate

See "Observation Dates, Call Settlement Dates, Call Returns and Call Prices" on page 6.

Observation Dates Quarterly, beginning March 23, 2020. See "Observation Dates, Call Settlement Dates, Call Returns and Call Prices" on page 6 for details.

Final Observation
Date

March 15, 2024, subject to postponement in the event of a Market Disruption Event or for

non-Index Business Days.

Call Settlement
Dates

See "Observation Dates, Call Settlement Dates, Call Returns and Call Prices" on page 6. The Call Settlement Date with respect to the Final Observation Date will be the Maturity Date.

If the Securities are not automatically called prior to or on the Maturity Date, the Final Underlying Value of **at least one of the Underlyings** will therefore necessarily be **less than** its respective Downside Threshold and MSFL will pay you an amount calculated as follows:

Payment at Maturity (per Security)

 $10 \times (1 + \text{Underlying Return of the Least Performing Underlying})$

In this case, you will lose a significant portion and could lose all of the Principal Amount in an amount proportionate to the full decline of the Least Performing Underlying from the Trade Date to the Final Observation Date, even if the other Underlying appreciates or does not decline as much.

Observation Date Closing Value

With respect to each of the Underlyings, the Index Closing Value of such Underlying on any

Observation Date

Least Performing Underlying

The Underlying with the larger percentage decrease from the respective Initial Underlying Value to the respective Final Underlying Value.

With respect to each Underlying,

Underlying Return

<u>Final Underlying Value – Initial Underlying Value</u>

Initial Underlying Value

Initial Underlying With respect to each Underlying, the Index Closing Value of such Underlying on the Trade

Value Dat

With respect to each Underlying, the Index Closing Value of such Underlying on the Final

Value

Observation Date

Downside Threshold

With respect to each Underlying, 70% of the Initial Underlying Value of such Underlying.

Trustee

Final Underlying

The Bank of New York Mellon

Calculation Agent MS & Co.

Investment Timeline

Trade Date

The Initial Underlying Values and Downside Thresholds of both the RTY Index and the MXEA Index are determined. The Call Return Rate is set.

The Securities will be called automatically if the Observation Date Closing Values of **both** the RTY Index and the MXEA Index are equal to or greater than (i) their respective Initial Underlying Values on any of the first sixteen Observation Dates or (ii) their respective Downside Thresholds on the Final Observation Date.

Quarterly, beginning March 23, 2020 (if not previously called)

If the Securities are called, MSFL will pay you a Call Price per Security calculated as

follows:

\$10 + (\$10 x Call Return)

After the Securities are called, no further payments will be made on the Securities.

The Final Underlying Values are determined as of the Final Observation Date.

If the Securities are not automatically called prior to or on the Maturity Date, the Final Underlying Value of **at least one of the RTY Index or the MXEA Index** will therefore necessarily be less than its respective Downside Threshold and MSFL will pay you an amount calculated as follows:

Maturity Date (if not called)

 $10 \times (1 + \text{Underlying Return of the Least Performing Underlying})$ per Security

This amount will be significantly less than the \$10 Principal Amount by an amount proportionate to the full negative Underlying Return of the Least Performing Underlying, and you could lose your entire investment.

Investing in the Securities involves significant risks. You may lose YOUR ENTIRE principal amount. Any payment on the Securities is subject to OUR creditworthiness. If we were to default on our payment obligations, you may not receive any amounts owed to you under the Securities and you could lose your entire investment.

The Issuer will not automatically call the Securities FOLLOWING any of the first sixteen observation dates if the Observation Date Closing Value of either of the Underlyings is below its respective Initial Underlying Value. You will lose a significant portion or all of your principal amount at maturity if the Securities are not called prior to or at maturity and therefore the Final Underlying Value of at least one of the Underlyings is below its RESPECTIVE Downside Threshold.

Observation Dates, Call Settlement Dates, Call Returns and Call Prices

		Call Return	Call Price (per \$10 of Securities)	
Observation Date*	Call Settlement Date / Maturity Date**	(Based on a Call Return Rate of 7.00% to 8.00% per annum)***		
March 23, 2020	March 25, 2020	7.00% to 8.00%	\$10.70 to \$10.80	
June 15, 2020	June 17, 2020	8.75% to 10.00%	\$10.875 to \$11.00	
September 15, 2020	September 17, 2020	10.50% to 12.00%	\$11.050 to \$11.20	
December 15, 2020	December 17, 2020	12.25% to 14.00%	\$11.225 to \$11.40	
March 15, 2021	March 17, 2021	14.00% to 16.00%	\$11.40 to \$11.60	
June 15, 2021	June 17, 2021	15.75% to 18.00%	\$11.575 to \$11.80	
September 15, 2021	September 17, 2021	17.50% to 20.00%	\$11.750 to \$12.00	
December 15, 2021	December 17, 2021	19.25% to 22.00%	\$11.925 to \$12.20	
March 15, 2022	March 17, 2022	21.00% to 24.00%	\$12.10 to \$12.40	
June 15, 2022	June 17, 2022	22.75% to 26.00%	\$12.275 to \$12.60	
September 15, 2022	September 19, 2022	24.50% to 26.50%	\$12.450 to \$12.80	
December 15, 2022	December 19, 2022	26.25% to 28.25%	\$12.625 to \$13.00	
March 15, 2023	March 17, 2023	28.00% to 32.00%	\$12.80 to \$13.20	
June 15, 2023	June 19, 2023	29.75% to 34.00%	\$12.975 to \$13.40	
September 15, 2023	September 19, 2023	31.50% to 36.00%	\$13.150 to \$13.60	
December 15, 2023	December 19, 2023	33.25% to 38.00%	\$13.325 to \$13.80	
March 15, 2024 (the Final Observation Date)	March 20, 2024 (the Maturity Date)	35.00% to 40.00%	\$13.50 to \$14.00	

^{*} Subject to postponement in the event of a market disruption event or for non-index business days. See "Postponement of Determination Dates" in the accompanying product supplement.

^{**} If, due to a market disruption event or otherwise, any Observation Date (including the Final Observation Date) is postponed so that it falls less than two business days prior to the scheduled Call Settlement Date, the Call Settlement Date or Maturity Date, as applicable, will be postponed to the second business day following that Observation Date as postponed.

^{***} The actual Call Return Rate will be determined on the Trade Date. If the Securities are called following any Observation Date, the Call Price will be a fixed amount based on the Call Return with respect to each Observation Date, as specified above, regardless of the actual number of days during such period.

Key Risks

An investment in the Securities involves significant risks. Some of the risks that apply to the Securities are summarized here, but we urge you to also read the "Risk Factors" section of the accompanying prospectus and product supplement. You should also consult your investment, legal, tax, accounting and other advisers before you invest in the Securities.

The Securities do not pay interest or guarantee the return of any principal. The terms of the Securities differ from those of ordinary debt securities in that the Securities do not pay interest or guarantee the return of any of the Principal Amount at maturity. Instead, if the Securities have not been called prior to or at maturity and therefore the Final Underlying Value of at least one of the RTY Index or the MXEA Index is less than its respective Downside Threshold, you will be exposed to the decline in the value of the Least Performing Underlying from its Initial tUnderlying Value to its Final Underlying Value, on a 1-to-1 basis, resulting in a significant loss of your initial investment, even if the other Underlying appreciates or does not decline as much. This means that while a decrease of up to 30% between the Initial Underlying Value and the Final Underlying Value of the Least Performing Underlying will not result in a loss of principal on the Securities, a decrease in excess of 30% will result in a loss of a significant portion of the principal amount of the Securities despite only a small incremental change in the value of the Least Performing Underlying. You could lose your entire Principal Amount.

The appreciation potential of the Securities is limited by the fixed Call Returns specified for each Observation Date. The appreciation potential of the Securities is limited to the fixed Call Returns specified for each Observation Date if both Underlyings close at or above (i) their respective Initial Underlying Values on any of the first sixteen Observation Dates or (ii) their respective Downside Thresholds on the Final Observation Date, and you will not tparticipate in any appreciation of the Underlyings, which could be significant. Additionally, if the Securities are not automatically called, the Final Underlying Value of at least one of the Underlyings will therefore necessarily be less than its respective Downside Threshold and you will be fully exposed to the decline in the level of the Least Performing Underlying from the Trade Date to the Final Observation Date, and you will lose a significant portion or all of your investment.

You are exposed to the market risk of both Underlyings. Your return on the Securities is not linked to a t basket consisting of the Underlyings. Rather, it will be contingent upon the independent performance of each of the RTY Index and the MXEA Index. Unlike an instrument with a return linked to a basket of underlying assets, in which risk is mitigated and diversified among all of the components of the basket, you will be exposed to the risks related to both the RTY Index and the MXEA Index. Poor performance by either of the Underlyings over the term of the Securities may negatively affect your return and will not be offset or mitigated by positive performance by the other Underlying. For the Securities to be automatically called or to receive contingent repayment of principal at maturity from MSFL, both Underlyings must close at or above their respective Initial Underlying Values or Downside Thresholds, respectively, on the applicable Observation Date or Final Observation Date, as applicable. In addition, if the Securities are not called prior to or at maturity, you will incur a loss proportionate to the negative return of the Least Performing Underlying even if the other Underlying appreciates during the term of the Securities. Accordingly, your investment is subject to the market risk of both Underlyings. Additionally, movements in the values of the Underlyings may be correlated or uncorrelated at different times during the term of the Securities, and such correlation (or lack thereof) could have an adverse effect on your return on the Securities. For example, the likelihood that one of the Underlyings will close below its Downside Threshold on the Final Observation Date will increase when the movements in the values of the

Underlyings are uncorrelated. This results in a greater potential for a significant loss of principal at maturity if the Securities are not previously called. If the performance of the Underlyings is not correlated or is negatively correlated, the risk of incurring a significant loss of principal at maturity is greater. In addition, correlation generally decreases for each additional Underlying to which the Securities are linked, resulting in a greater potential for a significant loss of principal at maturity.

Because the Securities are linked to the performance of the least performing between the RTY Index and the MXEA Index, you are exposed to greater risk of sustaining a significant loss on your investment than if the Securities were linked to just the RTY Index or just the MXEA Index. The risk that you will lose a significant portion or all of your initial investment in the Securities is greater if you invest in the Securities as opposed to substantially similar securities that are linked to the performance of just the RTY Index or just the MXEA Index. With two Underlyings, it is more likely that either Underlying will close below its Downside Threshold on the Final Observation Date than if the Securities were linked to only one of the Underlyings, and therefore it is more likely that you will receive an amount in cash significantly less than the principal amount on the Maturity Date.

You may incur a loss on your investment if you are able to sell your Securities prior to maturity. The Downside Thresholds are considered only at maturity. If you are able to sell your Securities in the secondary market prior to maturity, you may have to sell them at a loss relative to your initial investment even if the Index Closing Values of both Underlyings are above their respective Downside Thresholds at that time. If you hold the Securities to maturity and the Securities have not been called, MSFL will either repay you the full principal amount per Security plus the applicable Call Return, if the Final Underlying Values of both the RTY Index and the MXEA Index are equal to or greater than their respective Downside Thresholds, or if either of the Underlyings closes below its respective Downside Threshold on the Final Observation Date, MSFL will repay significantly less than the Principal Amount, if anything, at maturity, resulting in a loss on your Principal Amount that is proportionate to the decline in the value of the Least Performing Underlying from the Trade Date to the Final Observation Date.

Early redemption risk. The term of your investment in the Securities may be limited to as short as one year by the automatic call feature of the Securities. If the Securities are called prior to maturity, you will not receive any further payments on the Securities, and you may be forced to invest in a lower interest rate environment and may not be able to reinvest at comparable terms or for similar returns. However, under no circumstances will the Securities be tredeemed in the first year of the term of the Securities. Generally, the longer the Securities have been outstanding, the less likely it is that they will be automatically called, because the level of at least one of the Underlyings will necessarily have declined from its respective Initial Underlying Value if the Securities were not called following an Observation Date, and there will be less time remaining until maturity in which the level(s) of such Underlying(s) can recover.

t **No interest payments.** You will not receive any interest payments during the term of the Securities.

A higher Call Return Rate and/or lower Downside Thresholds may reflect greater expected volatility of the Underlyings, and greater expected volatility generally indicates an increased risk of declines in the levels of the Underlyings and, potentially, a significant loss at maturity. The economic terms for the Securities, including the Call Return Rate and the Downside Thresholds, are based, in part, on the expected volatility of the Underlyings at the time the terms of the Securities are set. "Volatility" refers to the frequency and magnitude of changes in the levels of the Underlyings. Higher expected volatility with respect to the Underlyings as of the Trade Date generally indicates a greater expectation as of that date that the Final Underlying Value of either Underlying could ultimately be less than its Downside Threshold on the Final Observation Date, which would result in a loss of a significant portion or all of the Principal Amount. At the time the terms of the Securities are set, higher expected volatility will generally be treflected in a higher Call Return Rate and/or lower Downside Thresholds, as compared to otherwise comparable securities. Therefore, a relatively higher Call Return Rate, which would increase the upside return if the Securities are automatically called, may indicate an increased risk that the levels of the Underlyings will decrease substantially, which would result in a significant loss at maturity. In addition, and as described above in "The Securities do not pay interest or guarantee the return of any principal," in general, the higher potential return on the Securities as compared to the return payable on our ordinary debt securities with a comparable maturity indicates the risk that you may not receive a positive return on the Securities and may lose a significant portion or all of your investment. Further, relatively lower Downside Thresholds may not indicate that the Securities have a greater likelihood of a return of principal at maturity. You should be willing to accept the downside market risk of the Underlyings and the potential to lose a significant portion or all of your Principal Amount at maturity.

The Securities are subject to our credit risk, and any actual or anticipated changes to our credit ratings or our credit spreads may adversely affect the market value of the Securities. You are dependent on our ability to pay all amounts due on the Securities, if any, and any payments upon an automatic call or at maturity, and therefore you are subject to our credit risk. If we default on our obligations under the Securities, your investment would be at risk and you could lose some or all of your investment. As a result, the market value of the Securities prior to maturity will be affected by changes in the market's view of our creditworthiness. Any actual or anticipated decline in our credit ratings or increase in the credit spreads charged by the market for taking our credit risk is likely to adversely affect the market value of the Securities.

As a finance subsidiary, MSFL has no independent operations and will have no independent assets. As a finance subsidiary, MSFL has no independent operations beyond the issuance and administration of its securities and will have no independent assets available for distributions to holders of MSFL securities if they make claims in respect of such securities in a bankruptcy, resolution or similar proceeding. Accordingly, any recoveries by such holders will be limited to those available under the related guarantee by Morgan Stanley and that guarantee will rank pari passu with all other unsecured, unsubordinated obligations of Morgan Stanley. Holders will have recourse only to a single claim against Morgan Stanley and its assets under the guarantee. Holders of securities issued by MSFL should accordingly assume that in any such proceedings they would not have any priority over and should be treated pari passu with the claims of other unsecured, unsubordinated creditors of Morgan Stanley, including holders of Morgan Stanley-issued securities.

The market price of the Securities will be influenced by many unpredictable factors. Several factors, many of which are beyond our control, will influence the value of the Securities in the secondary market and the price at twhich MS & Co. may be willing to purchase or sell the Securities in the secondary market. Although we expect that generally the Index Closing Values of the Underlyings on any day will affect the value of the Securities more than any other single factor, other factors that may influence the value of the Securities include:

- o the value and volatility (frequency and magnitude of changes in value) of the Underlyings,
 - o dividend rates on the stocks comprising the Underlyings,
 - o interest and yield rates in the market,
 - o time remaining until the Securities mature,
- geopolitical conditions and economic, financial, political, regulatory or judicial events that affect the Underlyings or equities markets generally and which may affect the Observation Date Closing Values or Final Underlying Values,
- the occurrence of certain events affecting either of the Underlyings that may or may not require an adjustment to its ocmposition, and
 - o any actual or anticipated changes in our credit ratings or credit spreads.

Some or all of these factors will influence the terms of the Securities at the time of issuance and the price that you will receive if you sell your Securities prior to maturity, as the Securities are comprised of both a debt component and a performance-based component linked to the Underlyings, and these are the types of factors that also generally affect the values of debt securities and derivatives linked to the Underlyings. Generally, the longer the time remaining to maturity, the more the market price of the Securities will be affected by the other factors described above. The value of each of the Underlyings may be, and each has recently been, extremely volatile, and we can give you no assurance that the volatility will lessen. See "Historical Information" below. You may receive less, and possibly significantly less, than the Principal Amount per Security if you try to sell your Securities prior to maturity.

The Securities are linked to the Russell 2000® Index and are subject to risks associated with small-capitalization companies. The Russell 2000® Index consists of stocks issued by companies with relatively small market capitalization. These companies often have greater stock price volatility, lower trading volume and less liquidity than large-capitalization companies and, therefore, the Russell 2000® Index may be more volatile than indices that consist of stocks issued by large-capitalization companies. Stock prices of small-capitalization companies are also more vulnerable than those of large-capitalization companies to adverse business and economic developments, and the stocks of small-capitalization companies may be thinly traded. In addition, small capitalization companies are typically less well-established and less stable financially than large-capitalization companies and may depend on a small number of key personnel, making them more vulnerable to loss of personnel. Such companies tend to have smaller revenues, less diverse product lines, smaller shares of their product or service

markets, fewer financial resources and less competitive strengths than large-capitalization companies and are more susceptible to adverse developments related to their products.

The Securities are linked to the MSCI EAFE® Index and are subject to risks associated with investments in securities linked to the value of foreign equity securities. The Securities are linked to the value of foreign equity securities. Investments in securities linked to the value of foreign equity securities involve risks associated with the securities markets in those countries, including risks of volatility in those markets, governmental intervention in those markets and cross-shareholdings in companies in certain countries. Although the equity securities included in the MSCI EAFE® Index are traded in foreign currencies, the value of your Securities (as measured in U.S. dollars) will not be adjusted for any exchange rate fluctuations. Also, there is generally less publicly available information about foreign companies than about U.S. companies that are subject to the reporting requirements of the United States tSecurities and Exchange Commission, and foreign companies are subject to accounting, auditing and financial reporting standards and requirements different from those applicable to U.S. reporting companies. The prices of securities issued in foreign markets may be affected by political, economic, financial and social factors in those countries, or global regions, including changes in government, economic and fiscal policies and currency exchange laws. Local securities markets may trade a small number of securities and may be unable to respond effectively to increases in trading volume, potentially making prompt liquidation of holdings difficult or impossible at times. Moreover, the economies in such countries may differ favorably or unfavorably from the economy in the United States in such respects as growth of gross national product, rate of inflation, capital reinvestment, resources, self-sufficiency and balance of payment positions.

Investing in the Securities is not equivalent to investing in the Underlyings. Investing in the Securities is not equivalent to investing in either Underlying or the component stocks of either Underlying. Investors in the Securities will not have voting rights or rights to receive dividends or other distributions or any other rights with respect to stocks that constitute the Underlyings. Further, you will not participate in any potential appreciation of either Underlying even though you may be exposed to its full decline at maturity. Additionally, the Underlyings are not "total return" indices, which, in addition to reflecting the market prices of the stocks that constitute the Underlyings, would also reflect dividends paid on such stocks. The return on the Securities will not reflect such a total return feature.

Adjustments to the Russell 2000® Index or the MSCI EAFE® Index could adversely affect the value of the Securities. The Underlying Publisher of each of the Russell 2000® Index and the MSCI EAFE® Index is responsible for calculating and maintaining such Underlying. The Underlying Publisher may add, delete or substitute the stocks constituting either Underlying or make other methodological changes required by certain corporate events relating to the stocks constituting either Underlying, such as stock dividends, stock splits, spin-offs, rights offerings and textraordinary dividends, that could change the value of the Underlying. The Underlying Publisher may discontinue or suspend calculation or publication of the Underlying at any time. In these circumstances, the Calculation Agent will have the sole discretion to substitute a Successor Underlying that is comparable to the discontinued Underlying, and is permitted to consider indices that are calculated and published by the Calculation Agent or any of its affiliates. Any of these actions could adversely affect the value of any of the Underlyings and, consequently, the value of the Securities.

tThe rate we are willing to pay for securities of this type, maturity and issuance size is likely to be lower than the rate implied by our secondary market credit spreads and advantageous to us. Both the lower rate and the

inclusion of costs associated with issuing, selling, structuring and hedging the Securities in the Issue Price reduce the economic terms of the Securities, cause the estimated value of the Securities to be less than the Issue Price and will adversely affect secondary market prices — Assuming no change in market conditions or any other relevant factors, the prices, if any, at which dealers, including MS & Co., may be willing to purchase the Securities in secondary market transactions will likely be significantly lower than the Issue Price, because secondary market prices will exclude the issuing, selling, structuring and hedging-related costs that are included in the Issue Price and borne by you and because the secondary market prices will reflect our secondary market credit spreads and the bid-offer spread that any dealer would charge in a secondary market transaction of this type as well as other factors.

The inclusion of the costs of issuing, selling, structuring and hedging the Securities in the Issue Price and the lower rate we are willing to pay as issuer make the economic terms of the Securities less favorable to you than they otherwise would be.

However, because the costs associated with issuing, selling, structuring and hedging the Securities are not fully deducted upon issuance, for a period of up to 9 months following the Settlement Date, to the extent that MS & Co. may buy or sell the Securities in the secondary market, absent changes in market conditions, including those related to the Underlyings, and to our secondary market credit spreads, it would do so based on values higher than the estimated value, and we expect that those higher values will also be reflected in your brokerage account statements.

The estimated value of the Securities is determined by reference to our pricing and valuation models, which may differ from those of other dealers and is not a maximum or minimum secondary market price. These pricing and valuation models are proprietary and rely in part on subjective views of certain market inputs and certain assumptions about future events, which may prove to be incorrect. As a result, because there is no market-standard way to value these types of securities, our models may yield a higher estimated value of the Securities than those tgenerated by others, including other dealers in the market, if they attempted to value the Securities. In addition, the estimated value on the Trade Date does not represent a minimum or maximum price at which dealers, including MS & Co., would be willing to purchase your Securities in the secondary market (if any exists) at any time. The value of your Securities at any time after the date of this free writing prospectus will vary based on many factors that cannot be predicted with accuracy, including our creditworthiness and changes in market conditions. See also "The market price of the Securities will be influenced by many unpredictable factors" above.

The Securities will not be listed on any securities exchange and secondary trading may be limited. The Securities will not be listed on any securities exchange. Therefore, there may be little or no secondary market for the Securities. MS & Co. currently intends, but is not obligated, to make a market in the Securities. Even if there is a tsecondary market, it may not provide enough liquidity to allow you to trade or sell the Securities easily. Because we do not expect that other broker-dealers will participate significantly in the secondary market for the Securities, the price at which you may be able to trade your Securities is likely to depend on the price, if any, at which MS & Co. is willing to

transact. If, at any time, MS & Co. were to cease making a market in the Securities, it is likely that there would be no secondary market for the Securities. Accordingly, you should be willing to hold your Securities to maturity.

tHedging and trading activity by our affiliates could potentially affect the value of the Securities. One or more of our affiliates and/or third-party dealers expect to carry out hedging activities related to the Securities (and to other instruments linked to the Underlyings), including trading in the stocks that constitute the Underlyings as well as in other instruments related to the Underlyings. As a result, these entities may be unwinding or adjusting hedge positions during the term of the Securities, and the hedging strategy may involve greater and more frequent dynamic adjustments to the hedge as the Final Observation Date approaches. Some of our subsidiaries also trade the stocks that constitute the Underlyings and other financial instruments related to the Underlyings on a regular basis as part of their general broker-dealer and other businesses. Any of these hedging or trading activities on or prior to the Trade Date could potentially increase the Initial Underlying Value of an Underlying, and, as a result, could increase the level at or above which such Underlying must close on any of the first sixteen Observation Dates for the Securities to be called, or the Downside Threshold of such Underlying, which if the Securities are not called prior to maturity, is the level at or above which such Underlying must close on the Final Observation Date in order for you to avoid being exposed to the negative performance of the Least Performing Underlying at maturity (in each case, depending also on the performance of the other Underlying). Additionally, such hedging or trading activities during the term of the Securities could potentially affect the values of the Underlyings on the Observation Dates and, accordingly, whether the Securities are automatically called prior to or at maturity and, if the Securities are not called prior to or at maturity, the payout to you atapplicable law. The Special A Trustee, on behalf of the holder of any retracted shares not so redeemed by Goldstrike Exchangeco or purchased by Callco, will require us to purchase the unredeemed retracted shares on the date set forth in the retraction request.

We have an overriding right to purchase, or cause Callco to purchase, all GTE–Goldstrike Exchangeable Shares for common stock in the event of a change of law that permits holders of GTE-Goldstrike Exchangeable Shares to exchange their GTE-Goldstrike Exchangeable Shares for shares of common stock on a basis that will not require holders to recognize a gain or loss for Canadian tax purposes. In addition, subject to applicable law, Goldstrike Exchangeco may at any time and from time to time purchase for cancellation all or any part of the outstanding GTE-Goldstrike Exchangeable Shares.

Holders of GTE-Goldstrike Exchangeable Shares have the right to instruct the Special A Trustee to cause Callco to purchase GTE-Goldstrike Exchangeable Shares for shares of our common stock if Goldstrike Exchangeco becomes insolvent or institutes insolvency proceedings. In addition, Callco will be deemed to have purchased the GTE-Goldstrike Exchangeable Shares for shares of common stock if we are subject to liquidation, wound up or dissolved.

Special B Voting Stock

The one share of Special B Voting Stock was designated to allow former shareholders of Solana Resources Limited ("Solana") who elected, pursuant to the terms of the arrangement agreement by and among us, Gran Tierra Exchangeco Inc. ("Solana Exchangeco") and Solana (the "Arrangement Agreement"), to receive exchangeable shares ("GTE-Solana Exchangeable Shares"), issued by our indirect, wholly-owned subsidiary Solana Exchangeco, in lieu of shares of our common stock, to vote at our stockholder meetings. The holder of the one share of Special B Voting Stock is not entitled to receive dividends or distributions, but has the right to vote on each matter on which holders of our common stock are entitled to vote and to cast that number of votes equal to the number of GTE-Solana Exchangeable Shares outstanding that are not owned by us or our affiliates. In connection with the arrangement under the Arrangement Agreement, and pursuant to the Voting and Exchange Trust Agreement between Solana Exchangeco, us and Computershare Trust Company of Canada (the "Solana Exchangeco Voting and Exchange Trust Agreement"), the share of Special B Voting Stock was issued to Computershare Trust Company of Canada as trustee for the holders of GTE-Solana Exchangeable Shares (the "Special B Trustee"). The Special B Trustee may only cast votes with respect to the share of Special B Voting Stock based on instructions received from the holders of GTE-Solana Exchangeable Shares. The GTE-Solana Exchangeable Shares are described more fully below.

GTE-Solana Exchangeable Shares

Under the terms of the Arrangement Agreement, certain Canadian Solana shareholders received GTE-Solana Exchangeable Shares instead of shares of our common stock. Each GTE-Solana Exchangeable Share can be exchanged by the holder for one share of our common stock at any time, subject to compliance with the articles of Solana Exchangeco and the retraction call right described below, and will receive the same dividends payable on our common stock. At the time of exchange, taxes may be due from the holders of the GTE-Solana Exchangeable Shares. The GTE-Solana Exchangeable Shares have voting rights through the one share of Special B Voting Stock described above, and the holders thereof are able to vote on all matters on which the holders of our common stock are entitled to vote.

In order to exchange the GTE-Solana Exchangeable Shares for shares of Gran Tierra common stock, a holder of GTE-Solana Exchangeable Shares must submit a retraction request to Solana Exchangeco together with the share certificate representing the GTE-Solana Exchangeable Shares to be redeemed. Pursuant to the articles of Solana Exchangeco and the Support Agreement, dated November 14, 2008, between us, Gran Tierra Callco ULC, a corporation incorporated under the laws of Alberta and our direct wholly-owned subsidiary ("Solana Callco") and Solana Exchangeco (the "Support Agreement"), Callco has an overriding retraction call right to purchase all of the GTE-Solana Exchangeable Shares for a price per GTE-Solana Exchangeable Share equal to one share of our common stock and (provided that the GTE-Solana Exchangeable Shares are held on the applicable dividend record date), on the payment date for any declared and unpaid dividends, an amount in cash equal to such dividends on that GTE-Solana Exchangeable Share less any amount withheld on account of tax (the "Purchase Price"). A holder of GTE-Solana Exchangeable Shares may revoke their retraction request in writing to Solana Exchangeco by close of business on the business day prior to the date specified in the retraction request, however, in the event that the retraction request is not revoked by the holder and Solana Callco does not exercise its right to override the holder's retraction request, Solana Exchangeco will redeem the retracted shares on the date specified in the retraction request.

If, as a result of solvency requirements or applicable law, Solana Exchangeco is not permitted to redeem all of the GTE-Solana Exchangeable Shares identified in the retraction request, and Solana Callco has not exercised its retraction call right, Solana Exchangeco will redeem only those retracted GTE-Solana Exchangeable Shares tendered by the holder as would not be contrary to provisions of applicable law. The Special B Trustee, on behalf of the holder of any retracted shares not so redeemed by Solana Exchangeco or purchased by Solana Callco, will require us to purchase the unredeemed retracted shares on the date set forth in the retraction request.

The GTE-Solana Exchangeable Shares are subject to redemption by Solana Exchangeco for shares of our common stock at any time on such date established by the board of directors of Solana Exchangeco, which date will be no earlier than November 14, 2013, unless: (i) there are issued and outstanding less than 25,285,358 GTE-Solana Exchangeable Shares not held by us or our affiliates; (ii) a control transaction for us occurs, being any merger, amalgamation, tender offer, material sale of shares or rights or interests therein or thereto or similar transactions involving us, or any proposal to carry out the same, and upon the determination of the board of directors of Solana Exchangeco that such redemption is necessary to effectuate the control transaction, among other things; (iii) any

proposal subject to the vote of holders of GTE-Solana Exchangeable Shares, as shareholders of Solana Exchangeco, the bona fide purpose of which the board of directors of Solana Exchangeco determines is not practicable to accomplish, excluding matters related to the equivalence of the rights of GTE-Solana Exchangeable Shares and our common stock, and matters in respect of which holders of GTE-Solana Exchangeable Shares are entitled to vote, or to direct the Special B Trustee to vote, under the Solana Exchangeco Voting and Exchange Trust Agreement; or (iv) the business day following the day when holders of GTE-Solana Exchangeable Shares fail to approve or disapprove, as applicable, a proposed change in the terms of the GTE-Solana Exchangeable Shares where the approval or disapproval of such proposed change is required to maintain their economic equivalence to shares of our common stock.

Solana Callco has an overriding redemption call right to purchase all of the GTE-Solana Exchangeable Shares not held by us or our affiliates upon the occurrence of one of the above described redemption events. Upon exercise of Solana Callco's redemption call right, holders of GTE-Solana Exchangeable Shares will be obligated to sell their GTE-Solana Exchangeable Shares to Solana Callco and Solana Exchangeco's right and obligation to redeem the GTE-Solana Exchangeable Shares will terminate upon payment by Solana Callco of the Purchase Price for the GTE-Solana Exchangeable Shares.

We have an overriding right to purchase, or cause Solana Callco to purchase, all GTE–Solana Exchangeable Shares for common stock in the event of a change of law that permits holders of GTE-Solana Exchangeable Shares to exchange their GTE-Solana Exchangeable Shares for shares of common stock on a basis that will not require holders to recognize a gain or loss for Canadian tax purposes. In addition, subject to applicable law, Solana Exchangeco may at any time and from time to time purchase for cancellation all or any part of the outstanding GTE-Solana Exchangeable Shares.

Holders of GTE-Solana Exchangeable Shares have the right to instruct the Special B Trustee to cause us to purchase GTE-Solana Exchangeable Shares for shares of common stock if Solana Exchangeco becomes insolvent or institutes insolvency proceedings. In addition, we will be deemed to have purchased the GTE-Solana Exchangeable Shares for shares of common stock if we are subject to liquidation, wound up or dissolved.

Options

As of March 31, 2015, options representing the right to purchase 31,215,166 shares of common stock are issued and outstanding at a weighted average exercise price of \$4.47. The outstanding options were granted pursuant to our 2007 Equity Incentive Plan, which is an amendment and restatement of our 2005 Equity Incentive Plan, to certain of our employees, officers and employee-directors.

Warrants

As of June 30, 2015, we did not have any warrants outstanding.

Indemnification; Limitation of Liability

Nevada Revised Statutes, or NRS, Sections 78.7502 and 78.751 provide us with the power to indemnify any of our directors and officers. The director or officer must have conducted himself/herself in good faith and reasonably believe that his/her conduct was in, or not opposed to our best interests. In a criminal action, the director, officer, employee or agent must not have had reasonable cause to believe his/her conduct was unlawful.

Under NRS Section 78.751, advances for expenses may be made by agreement if the director or officer affirms in writing that he/she believes he/she has met the standards and will personally repay the expenses if it is determined such officer or director did not meet the standards.

Our bylaws include an indemnification provision under which we have the power to indemnify our directors, officers, employees and former directors, officers and employees (including heirs and personal representatives) to the fullest extent permitted under Nevada law.

Our articles of incorporation and bylaws provide a limitation of liability in that no director or officer shall be personally liable to Gran Tierra or any of its shareholders for damages for breach of fiduciary duty as director or officer involving any act or omission of any such director or officer, provided there was no intentional misconduct, fraud or a knowing violation of the law, or payment of dividends in violation of NRS Section 78.300.

Our employment agreements with certain of our executive officers contain provisions which require us to indemnify them for costs, charges and expenses incurred in connection with (i) civil, criminal or administrative actions resulting from the executive officers service as such and (ii) actions by or on behalf of Gran Tierra to which the executive officer is made a party. We are required to provide such indemnification if (i) the executive officer acted honestly and in good faith with a view to the best interests of Gran Tierra, and (ii) in the case of a criminal or administrative proceeding or proceeding that is enforced by a monetary policy, the executive officer had reasonable grounds for believing that his conduct was lawful.

We have also entered into an indemnity agreement with all of our officers and directors. The agreement provides that we will indemnify officers and directors to the fullest extent permitted by law, including indemnification in third party claims and derivative actions. The agreement also provides that we will provide an advancement for expenses incurred by the officers or directors.

Insofar as indemnification for liabilities arising under the Securities Act may be permitted for our directors, officers and controlling persons pursuant to the foregoing provisions, or otherwise, we have been advised that in the opinion of the Securities and Exchange Commission such indemnification is against public policy as expressed in the Securities Act and is, therefore, unenforceable.

Anti-Takeover Effects of Provisions of Nevada State Law

We may be or in the future we may become subject to Nevada's control share law. A corporation is subject to Nevada's control share law if it has more than 200 stockholders, at least 100 of whom are stockholders of record and residents of Nevada, and if the corporation does business in Nevada or through an affiliated corporation.

The law focuses on the acquisition of a "controlling interest" which means the ownership of outstanding voting shares is sufficient, but for the control share law, to enable the acquiring person to exercise the following proportions of the voting power of the corporation in the election of directors: (1) one-fifth or more but less than one-third, (2) one-third or more but less than a majority, or (3) a majority or more. The ability to exercise such voting power may be direct or indirect, as well as individual or in association with others.

The effect of the control share law is that the acquiring person, and those acting in association with it, obtain only such voting rights in the control shares as are conferred by a resolution of the stockholders of the corporation, approved at a special or annual meeting of stockholders. The control share law contemplates that voting rights will be considered only once by the other stockholders. Thus, there is no authority to take away voting rights from the control shares of an acquiring person once those rights have been approved. If the stockholders do not grant voting rights to the control shares acquired by an acquiring person, those shares do not become permanent non-voting shares. The acquiring person is free to sell its shares to others. If the buyers of those shares themselves do not acquire a controlling interest, their shares do not become governed by the control share law.

If control shares are accorded full voting rights and the acquiring person has acquired control shares with a majority or more of the voting power, any stockholder of record, other than an acquiring person, who has not voted in favor of approval of voting rights is entitled to demand fair value for such stockholder's shares.

Nevada's control share law may have the effect of discouraging corporate takeovers.

In addition to the control share law, Nevada has a business combination law, which prohibits certain business combinations between Nevada corporations and "interested stockholders" for two years after the "interested stockholder" first becomes an "interested stockholder" unless the combination meets all of the requirements of the articles of incorporation of the resident domestic corporation and (i) the corporation's board of directors approves the combination in advance, or (ii) the combination is approved by the board of directors of the resident domestic corporation and, at or after that time, the combination is approved at an annual or special meeting of the stockholders of the resident domestic corporation, and not by written consent, by the affirmative vote of the holders of stock representing at least 60 percent of the outstanding voting power of the resident domestic corporation not beneficially owned by the interested stockholder or the affiliates or associates of the interested stockholder. For purposes of Nevada law, an "interested stockholder" is any person who is (1) the beneficial owner, directly or indirectly, of ten percent or more of the voting power of the outstanding voting shares of the corporation, or (2) an affiliate or associate of the corporation and at any time within the three previous years was the beneficial owner, directly or indirectly, of ten percent or more of the voting power of the then outstanding shares of the corporation. The definition of the term "business combination" is sufficiently broad to cover virtually any kind of transaction that would allow a potential acquirer to use the corporation's assets to finance the acquisition or otherwise to benefit its own interests rather than the interests of the corporation and its other stockholders.

The effect of Nevada's business combination law is to potentially discourage parties interested in taking control of Gran Tierra from doing so if it cannot obtain the approval of our board of directors.

Transfer Agent and Registrar

The transfer agent and registrar for our common stock is Computershare Trust Company of Canada.

Listing on The NYSE Mkt and Toronto Stock Exchange

Our common stock is listed on the NYSE MKT and the Toronto Stock Exchange under the trading symbol "GTE." The applicable prospectus supplement will contain information, where applicable, as to any other listing, if any, on the NYSE MKT, the Toronto Stock Exchange or any securities market or other exchange of the securities stock covered by such prospectus supplement.

DESCRIPTION OF DEBT SECURITIES

We may issue debt securities from time to time, in one or more series, as either senior or subordinated debt or as senior or subordinated convertible debt. While the terms we have summarized below will apply generally to any debt securities that we may offer under this prospectus, we will describe the particular terms of any debt securities that we may offer in more detail in the applicable prospectus supplement. The terms of any debt securities offered under a prospectus supplement may differ from the terms described below. Unless the context requires otherwise, whenever we refer to the indenture, we also are referring to any supplemental indentures that specify the terms of a particular series of debt securities.

We will issue the debt securities under the indenture that we will enter into with the trustee named in the indenture. The indenture will be qualified under the Trust Indenture Act of 1939, as amended, or the Trust Indenture Act. We have filed the form of indenture as an exhibit to the registration statement of which this prospectus is a part, and supplemental indentures and forms of debt securities containing the terms of the debt securities being offered will be filed as exhibits to the registration statement of which this prospectus is a part or will be incorporated by reference from reports that we file with the SEC.

The following summary of material provisions of the debt securities and the indenture is subject to, and qualified in its entirety by reference to, all of the provisions of the indenture applicable to a particular series of debt securities. We urge you to read the applicable prospectus supplements and any related free writing prospectuses related to the debt securities that we may offer under this prospectus, as well as the complete indenture that contains the terms of the debt securities.

General

The indenture does not limit the amount of debt securities that we may issue. It provides that we may issue debt securities up to the principal amount that we may authorize and may be in any currency or currency unit that we may designate. Except for the limitations on consolidation, merger and sale of all or substantially all of our assets contained in the indenture, the terms of the indenture do not contain any covenants or other provisions designed to give holders of any debt securities protection against changes in our operations, financial condition or transactions involving us.

We may issue the debt securities issued under the indenture as "discount securities," which means they may be sold at a discount below their stated principal amount. These debt securities, as well as other debt securities that are not issued at a discount, may be issued with "original issue discount," or OID, for U.S. federal income tax purposes because of interest payment and other characteristics or terms of the debt securities. Material U.S. federal income tax considerations applicable to debt securities issued with OID will be described in more detail in any applicable prospectus supplement.

We will describe in the appl	icable prospectus supple	ment the terms of	f the series of deb	ot securities bein	g offered,
including:					

the title of the series of debt securities;

any limit upon the aggregate principal amount that may be issued;

the maturity date or dates;

the form of the debt securities of the series;

the applicability of any guarantees;

whether or not the debt securities will be secured or unsecured, and the terms of any secured debt;

whether the debt securities rank as senior debt, senior subordinated debt, subordinated debt or any combination thereof, and the terms of any subordination;

if the price (expressed as a percentage of the aggregate principal amount thereof) at which such debt securities will be issued is a price other than the principal amount thereof, the portion of the principal amount thereof payable upon declaration of acceleration of the maturity thereof, or if applicable, the portion of the principal amount of such debt securities that is convertible into another security or the method by which any such portion shall be determined;

the interest rate or rates, which may be fixed or variable, or the method for determining the rate and the date interest will begin to accrue, the dates interest will be payable and the regular record dates for interest payment dates or the method for determining such dates;

our right, if any, to defer payment of interest and the maximum length of any such deferral period;

if applicable, the date or dates after which, or the period or periods during which, and the price or prices at which, we may, at our option, redeem the series of debt securities pursuant to any optional or provisional redemption provisions and the terms of those redemption provisions;

•the date or dates, if any, on which, and the price or prices at which we are obligated, pursuant to any mandatory sinking fund or analogous fund provisions or otherwise, to redeem, or at the holder's option to purchase, the series of

debt securities and the currency or currency unit in which the debt securities are payable;

the denominations in which we will issue the series of debt securities, if other than denominations of \$1,000 and any integral multiple thereof;

any and all terms, if applicable, relating to any auction or remarketing of the debt securities of that series and any security for our obligations with respect to such debt securities and any other terms which may be advisable in connection with the marketing of debt securities of that series;

whether the debt securities of the series shall be issued in whole or in part in the form of a global security or securities; the terms and conditions, if any, upon which such global security or securities may be exchanged in whole or in part for other individual securities; and the depositary for such global security or securities;

if applicable, the provisions relating to conversion or exchange of any debt securities of the series and the terms and conditions upon which such debt securities will be so convertible or exchangeable, including the conversion or exchange price, as applicable, or how it will be calculated and may be adjusted, any mandatory or optional (at our option or the holders' option) conversion or exchange features, the applicable conversion or exchange period and the manner of settlement for any conversion or exchange;

if other than the full principal amount thereof, the portion of the principal amount of debt securities of the series which shall be payable upon declaration of acceleration of the maturity thereof;

additions to or changes in the covenants applicable to the particular debt securities being issued, including, among others, the consolidation, merger or sale covenant;

additions to or changes in the events of default with respect to the securities and any change in the right of the ·trustee or the holders to declare the principal, premium, if any, and interest, if any, with respect to such securities to be due and payable;

- · additions to or changes in or deletions of the provisions relating to covenant defeasance and legal defeasance;
 - additions to or changes in the provisions relating to satisfaction and discharge of the indenture;

additions to or changes in the provisions relating to the modification of the indenture both with and without the consent of holders of debt securities issued under the indenture;

the currency of payment of debt securities if other than U.S. dollars and the manner of determining the equivalent amount in U.S. dollars;

whether interest will be payable in cash or additional debt securities at our or the holders' option and the terms and conditions upon which the election may be made;

the terms and conditions, if any, upon which we will pay amounts in addition to the stated interest, premium, if any and principal amounts of the debt securities of the series to any holder that is not a "United States person" for federal tax purposes;

any restrictions on transfer, sale or assignment of the debt securities of the series; and

·any other specific terms, preferences, rights or limitations of, or restrictions on, the debt securities, any other additions or changes in the provisions of the indenture, and any terms that may be required by us or advisable under

applicable laws or regulations.

Conversion or Exchange Rights

We will set forth in the applicable prospectus supplement the terms on which a series of debt securities may be convertible into or exchangeable for our common stock or our other securities. We will include provisions as to settlement upon conversion or exchange and whether conversion or exchange is mandatory, at the option of the holder or at our option. We may include provisions pursuant to which the number of shares of our common stock or our other securities that the holders of the series of debt securities receive would be subject to adjustment.

Consolidation, Merger or Sale

Unless we provide otherwise in the prospectus supplement applicable to a particular series of debt securities, the indenture will not contain any covenant that restricts our ability to merge or consolidate, or sell, convey, transfer or otherwise dispose of our assets as an entirety or substantially as an entirety. However, any successor to or acquirer of such assets (other than a subsidiary of ours) must assume all of our obligations under the indenture or the debt securities, as appropriate.

Events of Default under the Indenture

Unless we provide otherwise in the prospectus supplement applicable to a particular series of debt securities, the following are events of default under the indenture with respect to any series of debt securities that we may issue:

if we fail to pay any installment of interest on any series of debt securities, as and when the same shall become due and payable, and such default continues for a period of 90 days; provided, however, that a valid extension of an interest payment period by us in accordance with the terms of any indenture supplemental thereto shall not constitute a default in the payment of interest for this purpose;

if we fail to pay the principal of, or premium, if any, on any series of debt securities as and when the same shall become due and payable whether at maturity, upon redemption, by declaration or otherwise, or in any payment required by any sinking or analogous fund established with respect to such series; provided, however, that a valid extension of the maturity of such debt securities in accordance with the terms of any indenture supplemental thereto shall not constitute a default in the payment of principal or premium, if any;

if we fail to observe or perform any other covenant or agreement contained in the debt securities or the indenture, other than a covenant specifically relating to another series of debt securities, and our failure continues for 90 days after we receive written notice of such failure, requiring the same to be remedied and stating that such is a notice of default thereunder, from the trustee or holders of at least 25% in aggregate principal amount of the outstanding debt securities of the applicable series; and

if specified events of bankruptcy, insolvency or reorganization occur.

If an event of default with respect to debt securities of any series occurs and is continuing, other than an event of default specified in the last bullet point above, the trustee or the holders of at least 25% in aggregate principal amount of the outstanding debt securities of that series, by notice to us in writing, and to the trustee if notice is given by such holders, may declare the unpaid principal of, premium, if any, and accrued interest, if any, due and payable immediately. If an event of default specified in the last bullet point above occurs with respect to us, the principal amount of and accrued interest, if any, of each issue of debt securities then outstanding shall be due and payable without any notice or other action on the part of the trustee or any holder.

The holders of a majority in principal amount of the outstanding debt securities of an affected series may waive any default or event of default with respect to the series and its consequences, except defaults or events of default regarding payment of principal, premium, if any, or interest, unless we have cured the default or event of default in accordance with the indenture. Any waiver shall cure the default or event of default.

Subject to the terms of the indenture, if an event of default under an indenture shall occur and be continuing, the trustee will be under no obligation to exercise any of its rights or powers under such indenture at the request or direction of any of the holders of the applicable series of debt securities, unless such holders have offered the trustee reasonable indemnity. The holders of a majority in principal amount of the outstanding debt securities of any series will have the right to direct the time, method and place of conducting any proceeding for any remedy available to the trustee, or exercising any trust or power conferred on the trustee, with respect to the debt securities of that series, provided that:

the direction so given by the holder is not in conflict with any law or the applicable indenture; and

subject to its duties under the Trust Indenture Act, the trustee need not take any action that might involve it in personal liability or might be unduly prejudicial to the holders not involved in the proceeding.

A holder of the debt securities of any series will have the right to institute a proceeding under the indenture or to

appoint a receiver or trustee, or to seek other remedies only if:

• the holder has given written notice to the trustee of a continuing event of default with respect to that series;

the holders of at least 25% in aggregate principal amount of the outstanding debt securities of that series have made

written request;

such holders have offered to the trustee indemnity satisfactory to it against the costs, expenses and liabilities to be

incurred by the trustee in compliance with the request; and

the trustee does not institute the proceeding, and does not receive from the holders of a majority in aggregate

·principal amount of the outstanding debt securities of that series other conflicting directions within 90 days after the

notice, request and offer.

These limitations do not apply to a suit instituted by a holder of debt securities if we default in the payment of the

principal, premium, if any, or interest on, the debt securities.

We will periodically file statements with the trustee regarding our compliance with specified covenants in the

indenture.

Modification of Indenture; Waiver

We and the trustee may change an indenture without the consent of any holders with respect to specific matters:

• to cure any ambiguity, defect or inconsistency in the indenture or in the debt securities of any series;

·to comply with the provisions described above under "Description of Debt Securities—Consolidation, Merger or Sale;"

• to provide for uncertificated debt securities in addition to or in place of certificated debt securities;

to add to our covenants, restrictions, conditions or provisions such new covenants, restrictions, conditions or provisions for the benefit of the holders of all or any series of debt securities, to make the occurrence, or the occurrence and the continuance, of a default in any such additional covenants, restrictions, conditions or provisions an event of default or to surrender any right or power conferred upon us in the indenture;

to add to, delete from or revise the conditions, limitations, and restrictions on the authorized amount, terms, or purposes of issue, authentication and delivery of debt securities, as set forth in the indenture;

to make any change that does not adversely affect the interests of any holder of debt securities of any series in any material respect;

to provide for the issuance of and establish the form and terms and conditions of the debt securities of any series as provided above under "Description of Debt Securities—General" to establish the form of any certifications required to be furnished pursuant to the terms of the indenture or any series of debt securities, or to add to the rights of the holders of any series of debt securities;

· to evidence and provide for the acceptance of appointment under any indenture by a successor trustee; or

to comply with any requirements of the SEC in connection with the qualification of any indenture under the Trust Indenture Act.

In addition, under the indenture, the rights of holders of a series of debt securities may be changed by us and the trustee with the written consent of the holders of at least a majority in aggregate principal amount of the outstanding debt securities of each series that is affected. However, unless we provide otherwise in the prospectus supplement applicable to a particular series of debt securities, we and the trustee may make the following changes only with the consent of each holder of any outstanding debt securities affected:

extending the fixed maturity of any debt securities of any series;

reducing the principal amount, reducing the rate of or extending the time of payment of interest, or reducing any premium payable upon the redemption of any series of any debt securities; or

reducing the percentage of debt securities, the holders of which are required to consent to any amendment, supplement, modification or waiver.

Discharge

Each indenture provides that we can elect to be discharged from our obligations with respect to one or more series of debt securities, except for specified obligations, including obligations to:

provide for payment;

register the transfer or exchange of debt securities of the series;

replace stolen, lost or mutilated debt securities of the series;

pay principal of and premium and interest on any debt securities of the series;

maintain paying agencies;

hold monies for payment in trust;

- · recover excess money held by the trustee;
- · compensate and indemnify the trustee; and
 - · appoint any successor trustee.

In order to exercise our rights to be discharged, we must deposit with the trustee money or government obligations sufficient to pay all the principal of, any premium, if any, and interest on, the debt securities of the series on the dates payments are due.

Form, Exchange and Transfer

We will issue the debt securities of each series only in fully registered form without coupons and, unless we provide otherwise in the applicable prospectus supplement, in denominations of \$1,000 and any integral multiple thereof. The indenture provides that we may issue debt securities of a series in temporary or permanent global form and as book-entry securities that will be deposited with, or on behalf of, The Depository Trust Company, or DTC, or another depositary named by us and identified in the applicable prospectus supplement with respect to that series. To the extent the debt securities of a series are issued in global form and as book-entry, a description of terms relating to any book-entry securities will be set forth in the applicable prospectus supplement.

At the option of the holder, subject to the terms of the indenture and the limitations applicable to global securities described in the applicable prospectus supplement, the holder of the debt securities of any series can exchange the debt securities for other debt securities of the same series, in any authorized denomination and of like tenor and aggregate principal amount.

Subject to the terms of the indenture and the limitations applicable to global securities set forth in the applicable prospectus supplement, holders of the debt securities may present the debt securities for exchange or for registration of transfer, duly endorsed or with the form of transfer endorsed thereon duly executed if so required by us or the security registrar, at the office of the security registrar or at the office of any transfer agent designated by us for this purpose. Unless otherwise provided in the debt securities that the holder presents for transfer or exchange, we will impose no service charge for any registration of transfer or exchange, but we may require payment of any taxes or other governmental charges.

We will name in the applicable prospectus supplement the security registrar, and any transfer agent in addition to the security registrar, that we initially designate for any debt securities. We may at any time designate additional transfer agents or rescind the designation of any transfer agent or approve a change in the office through which any transfer agent acts, except that we will be required to maintain a transfer agent in each place of payment for the debt securities of each series.

If we elect to redeem the debt securities of any series, we will not be required to:

issue, register the transfer of, or exchange any debt securities of that series during a period beginning at the opening of business 15 days before the day of mailing of a notice of redemption of any debt securities that may be selected for redemption and ending at the close of business on the day of the mailing; or

register the transfer of or exchange any debt securities so selected for redemption, in whole or in part, except the unredeemed portion of any debt securities we are redeeming in part.

Information Concerning the Trustee

The trustee, other than during the occurrence and continuance of an event of default under an indenture, undertakes to perform only those duties as are specifically set forth in the applicable indenture. Upon an event of default under an indenture, the trustee must use the same degree of care as a prudent person would exercise or use in the conduct of his or her own affairs. Subject to this provision, the trustee is under no obligation to exercise any of the powers given it by the indenture at the request of any holder of debt securities unless it is offered reasonable security and indemnity against the costs, expenses and liabilities that it might incur.

Payment and Paying Agents

Unless we otherwise indicate in the applicable prospectus supplement, we will make payment of the interest on any debt securities on any interest payment date to the person in whose name the debt securities, or one or more predecessor securities, are registered at the close of business on the regular record date for the interest.

We will pay principal of and any premium and interest on the debt securities of a particular series at the office of the paying agents designated by us, except that unless we otherwise indicate in the applicable prospectus supplement, we will make interest payments by check that we will mail to the holder or by wire transfer to certain holders. Unless we otherwise indicate in the applicable prospectus supplement, we will designate the corporate trust office of the trustee as our sole paying agent for payments with respect to debt securities of each series. We will name in the applicable prospectus supplement any other paying agents that we initially designate for the debt securities of a particular series. We will maintain a paying agent in each place of payment for the debt securities of a particular series.

All money we pay to a paying agent or the trustee for the payment of the principal of or any premium or interest on any debt securities that remains unclaimed at the end of two years after such principal, premium or interest has become due and payable will be repaid to us, and the holder of the debt security thereafter may look only to us for payment thereof.

Governing Law

The indenture and the debt securities will be governed by and construed in accordance with the internal laws of the State of New York, except to the extent that the Trust Indenture Act of 1939 is applicable.

DESCRIPTION OF WARRANTS

The following description, together with the additional information that we include in any applicable prospectus supplement and in any related free writing prospectus that we may authorize to be distributed to you, summarizes the material terms and provisions of the warrants that we may offer under this prospectus, which may be issued in one or more series. Warrants may be offered independently or in combination with other securities offered by any prospectus supplement. While the terms we have summarized below will apply generally to any warrants that we may offer under this prospectus, we will describe the particular terms of any series of warrants in more detail in the applicable prospectus supplement. The following description of warrants will apply to the warrants offered by this prospectus unless we provide otherwise in the applicable prospectus supplement. The applicable prospectus supplement for a particular series of warrants may specify different or additional terms.

We have filed forms of the warrant agreements and forms of warrant certificates containing the terms of the warrants that may be offered as exhibits to the registration statement of which this prospectus is a part. We will file as exhibits to the registration statement of which this prospectus is a part, or will incorporate by reference from reports that we file with the SEC, the form of warrant and/or the warrant agreement and warrant certificate, as applicable, that contain the terms of the particular series of warrants we are offering, and any supplemental agreements, before the issuance of such warrants. The following summaries of material terms and provisions of the warrants are subject to, and qualified in their entirety by reference to, all the provisions of the form of warrant and/or the warrant agreement and warrant certificate, as applicable, and any supplemental agreements applicable to a particular series of warrants that we may offer under this prospectus. We urge you to read the applicable prospectus supplement related to the particular series of warrants that we may offer under this prospectus, as well as any related free writing prospectuses, and the complete form of warrant and/or the warrant agreement and warrant certificate, as applicable, and any supplemental agreements, that contain the terms of the warrants.

General

We will describe in the applicable prospectus supplement the terms of the series of warrants being offered, including:

the offering price and aggregate number of warrants offered;

the currency for which the warrants may be purchased;

if applicable, the designation and terms of the securities with which the warrants are issued and the number of warrants issued with each such security or each principal amount of such security;

in the case of warrants to purchase debt securities, the principal amount of debt securities purchasable upon exercise of one warrant and the price at, and currency in which, this principal amount of debt securities may be purchased upon such exercise;

in the case of warrants to purchase common stock or preferred stock, the number of shares of common stock or preferred stock, as the case may be, purchasable upon the exercise of one warrant and the price at which these shares may be purchased upon such exercise;

the effect of any merger, consolidation, sale or other disposition of our business on the warrant agreements and the warrants;

the terms of any rights to redeem or call the warrants;

any provisions for changes to or adjustments in the exercise price or number of securities issuable upon exercise of the warrants;

the dates on which the right to exercise the warrants will commence and expire;

the manner in which the warrant agreements and warrants may be modified;

a discussion of any material or special U.S. federal income tax considerations of holding or exercising the warrants;

the terms of the securities issuable upon exercise of the warrants; and

any other specific terms, preferences, rights or limitations of or restrictions on the warrants.

Before exercising their warrants, holders of warrants will not have any of the rights of holders of the securities purchasable upon such exercise, including:

in the case of warrants to purchase debt securities, the right to receive payments of principal of, or premium, if any, or interest on, the debt securities purchasable upon exercise or to enforce covenants in the applicable indenture; or

Exercise of Warrants

Each warrant will entitle the holder to purchase the securities that we specify in the applicable prospectus supplement at the exercise price that we describe in the applicable prospectus supplement. The warrants may be exercised as set forth in the prospectus supplement relating to the warrants offered. Unless we otherwise specify in the applicable prospectus supplement, warrants may be exercised at any time up to the close of business on the expiration date set forth in the prospectus supplement relating to the warrants offered thereby. After the close of business on the expiration date, unexercised warrants will become void.

in the case of warrants to purchase common stock or preferred stock, the right to receive dividends, if any, or,

payments upon our liquidation, dissolution or winding up or to exercise voting rights, if any.

Upon receipt of payment and the warrant or warrant certificate, as applicable, properly completed and duly executed at the corporate trust office of the warrant agent, if any, or any other office, including ours, indicated in the prospectus supplement, we will, as soon as practicable, issue and deliver the securities purchasable upon such exercise. If less than all of the warrants (or the warrants represented by such warrant certificate) are exercised, a new warrant or a new warrant certificate, as applicable, will be issued for the remaining warrants.

Governing Law

Unless we otherwise specify in the applicable prospectus supplement, the warrants and any warrant agreements will be governed by and construed in accordance with the laws of the State of New York.

Enforceability of Rights by Holders of Warrants

Each warrant agent, if any, will act solely as our agent under the applicable warrant agreement and will not assume any obligation or relationship of agency or trust with any holder of any warrant. A single bank or trust company may act as warrant agent for more than one issue of warrants. A warrant agent will have no duty or responsibility in case of any default by us under the applicable warrant agreement or warrant, including any duty or responsibility to initiate any proceedings at law or otherwise, or to make any demand upon us. Any holder of a warrant may, without the consent of the related warrant agent or the holder of any other warrant, enforce by appropriate legal action its right to exercise, and receive the securities purchasable upon exercise of, its warrants.

DESCRIPTION OF SUBSCRIPTION RECEIPTS

We may issue subscription receipts, which will entitle holders to receive upon satisfaction of certain release conditions and for no additional consideration, common stock, preferred stock, warrants or any combination thereof. Subscription receipts will be issued pursuant to one or more subscription receipt agreements (each, a "Subscription Receipt Agreement"), each to be entered into between us and an escrow agent (the "Escrow Agent"), which will establish the terms and conditions of the subscription receipts. Each Escrow Agent will be a financial institution organized under the laws of the United States or a state thereof or Canada or a province thereof and authorized to carry on business as a trustee. We will file as exhibits to the registration statement of which this prospectus is a part, or will incorporate by reference from a Current Report on Form 8-K that we file with the SEC, any Subscription Receipt Agreement describing the terms and conditions of subscription receipts we are offering before the issuance of such subscription receipts.

The following description sets forth certain general terms and provisions of subscription receipts and is not intended to be complete. The statements made in this prospectus relating to any Subscription Receipt Agreement and subscription receipts to be issued thereunder are summaries of certain anticipated provisions thereof and are subject to, and are qualified in their entirety by reference to, all provisions of the applicable Subscription Receipt Agreement and the prospectus supplement describing such Subscription Receipt Agreement.

The prospectus supplement relating to any subscription receipts we offer will describe the subscription receipts and include specific terms relating to their offering. All such terms will comply with the requirements of the TSX and NYSE MKT relating to subscription receipts. If underwriters or agents are used in the sale of subscription receipts, one or more of such underwriters or agents may also be parties to the Subscription Receipt Agreement governing the subscription receipts sold to or through such underwriters or agents.

General

The prospectus supplement and the Subscription Receipt Agreement for any subscription receipts we offer will describe the specific terms of the subscription receipts and may include, but are not limited to, any of the following:

the designation and aggregate number of subscription receipts offered;

the price at which the subscription receipts will be offered;

the currency or currencies in which the subscription receipts will be offered;

the designation, number and terms of the common stock, preferred stock, warrants or combination thereof to be received by holders of subscription receipts upon satisfaction of the release conditions, and the procedures that will result in the adjustment of those numbers;

the conditions (the "Release Conditions") that must be met in order for holders of subscription receipts to receive for no additional consideration common stock, preferred stock, warrants or combination thereof;

the procedures for the issuance and delivery of common stock, preferred stock, warrants or combination thereof to holders of subscription receipts upon satisfaction of the Release Conditions;

whether any payments will be made to holders of subscription receipts upon delivery of the common stock, preferred stock, warrants or combination thereof upon satisfaction of the Release Conditions (e.g., an amount equal to dividends declared on common stock by us to holders of record during the period from the date of issuance of the subscription receipts to the date of issuance of any common stock pursuant to the terms of the Subscription Receipt Agreement);

the terms and conditions under which the Escrow Agent will hold all or a portion of the gross proceeds from the sale of subscription receipts, together with interest and income earned thereon (collectively, the "Escrowed Funds"), pending satisfaction of the Release Conditions;

the terms and conditions pursuant to which the Escrow Agent will hold common stock, preferred stock, warrants or combination thereof pending satisfaction of the Release Conditions;

the terms and conditions under which the Escrow Agent will release all or a portion of the Escrowed Funds to us upon satisfaction of the Release Conditions;

if the subscription receipts are sold to or through underwriters or agents, the terms and conditions under which the Escrow Agent will release a portion of the Escrowed Funds to such underwriters or agents in payment of all or a portion of their fees or commission in connection with the sale of the subscription receipts;

procedures for the refund by the Escrow Agent to holders of subscription receipts of all or a portion of the subscription price for their subscription receipts, plus any pro rata entitlement to interest earned or income generated on such amount, if the Release Conditions are not satisfied;

any entitlement that we may have to purchase the subscription receipts in the open market by private agreement or otherwise;

whether we will issue the subscription receipts as global securities and, if so, the identity of the depositary for the global securities;

whether we will issue the subscription receipts as bearer securities, registered securities or both;

provisions as to modification, amendment or variation of the Subscription Receipt Agreement or any rights or terms attaching to the subscription receipts;

the identity of the Escrow Agent;

whether the subscription receipts will be listed on any exchange;

material United States and Canadian federal tax consequences of owning the subscription receipts; and

any other terms of the subscription receipts.

In addition, the prospectus supplement and the Subscription Receipt Agreement for any subscription receipts we offer will describe all contractual rights of rescission that will be granted to initial purchasers of subscription receipts in the event this prospectus, the prospectus supplement under which the subscription receipts are issued or any amendment hereto or thereto contains a misrepresentation, as discussed further under the sub-paragraph entitled "Rescission" below.

The holders of subscription receipts will not be shareholders. Holders of subscription receipts are entitled only to receive common stock, preferred stock, warrants or a combination thereof on exchange of their subscription receipts, plus any cash payments provided for under the Subscription Receipt Agreement, if the Release Conditions are satisfied. If the Release Conditions are not satisfied, the holders of subscription receipts shall be entitled to a refund of all or a portion of the subscription price therefor and all or a portion of the pro rata share of interest earned or income generated thereon, as provided in the Subscription Receipt Agreement.

Escrow

The Escrowed Funds will be held in escrow by the Escrow Agent, and such Escrowed Funds will be released to us (and, if the subscription receipts are sold to or through underwriters or agents, a portion of the Escrowed Funds may be released to such underwriters or agents in payment of all or a portion of their fees in connection with the sale of the subscription receipts) at the time and under the terms specified by the Subscription Receipt Agreement. If the Release Conditions are not satisfied, holders of subscription receipts will receive a refund of all or a portion of the subscription price for their subscription receipts plus their pro rata entitlement to interest earned or income generated on such amount, in accordance with the terms of the Subscription Receipt Agreement. Common stock, preferred stock or warrants may be held in escrow by the Escrow Agent, and will be released to the holders of subscription receipts following satisfaction of the Release Conditions at the time and under the terms specified in the Subscription Receipt Agreement.

Anti-Dilution

The Subscription Receipt Agreement will specify that upon the subdivision, consolidation, reclassification or other material change of the common stock, preferred stock or warrants or any other reorganization, amalgamation, merger or sale of all or substantially all of our assets, the subscription receipts will thereafter evidence the right of the holder to receive the securities, property or cash deliverable in exchange for or on the conversion of or in respect of the common stock, preferred stock or warrants to which the holder of common stock, preferred stock or warrants would have been entitled immediately after such event. Similarly, any distribution to all or substantially all of the holders of common stock or preferred stock of rights, options, warrants, evidences of indebtedness or assets will result in an adjustment in the number of common shares or preferred shares, respectively, to be issued to holders of subscription receipts whose subscription receipts entitle the holders thereof to receive common stock or preferred stock. Alternatively, such securities, evidences of indebtedness or assets may, at our option, be issued to the Escrow Agent and delivered to holders of subscription receipts on exercise thereof. The Subscription Receipt Agreement will also provide that if other corporate actions affect the common stock, preferred stock or warrants, which, in the reasonable opinion of our directors, would materially affect the rights of the holders of subscription receipts and/or the rights attached to the subscription receipts, the number of common stock, preferred stock or warrants which are to be received pursuant to the subscription receipts shall be adjusted in such manner, if any, and at such time as our directors may in their discretion reasonably determine to be equitable to the holders of subscription receipts in such circumstances.

Rescission

The Subscription Receipt Agreement will also provide that any misrepresentation in this prospectus, the prospectus supplement under which the subscription receipts are offered, or any amendment thereto, will entitle each initial purchaser of subscription receipts to a contractual right of rescission following the issuance of the common stock,

preferred stock or warrants to such purchaser entitling such purchaser to receive the amount paid for the subscription receipts upon surrender of the common stock, preferred stock or warrants, provided that such remedy for rescission is exercised in the time stipulated in the Subscription Receipt Agreement. This right of rescission does not extend to holders of subscription receipts who acquire such subscription receipts from an initial purchaser, on the open market or otherwise, or to initial purchasers who acquire subscription receipts in the United States.

Global Securities

We may issue subscription receipts in whole or in part in the form of one or more global securities, which will be registered in the name of and be deposited with a depositary, or its nominee, each of which will be identified in the applicable prospectus supplement. The global securities may be in temporary or permanent form. The applicable prospectus supplement will describe the terms of any depositary arrangement and the rights and limitations of owners of beneficial interests in any global security. The applicable prospectus supplement also will describe the exchange, registration and transfer rights relating to any global security.

Modifications

The Subscription Receipt Agreement will provide for modifications and alterations to the subscription receipts issued thereunder by way of a resolution of holders of subscription receipts at a meeting of such holders or a consent in writing from such holders. The number of holders of subscriptions receipts required to pass such a resolution or execute such a written consent will be specified in the Subscription Receipt Agreement.

LEGAL OWNERSHIP OF SECURITIES

We can issue securities in registered form or in the form of one or more global securities. We describe global securities in greater detail below. We refer to those persons who have securities registered in their own names on the books that we or any applicable trustee, depositary or warrant agent maintain for this purpose as the "holders" of those securities. These persons are the legal holders of the securities. We refer to those persons who, indirectly through others, own beneficial interests in securities that are not registered in their own names, as "indirect holders" of those securities. As we discuss below, indirect holders are not legal holders, and investors in securities issued in book-entry form or in street name will be indirect holders.

Book-Entry Holders

We may issue securities in book-entry form only, as we will specify in the applicable prospectus supplement. This means securities may be represented by one or more global securities registered in the name of a financial institution that holds them as depositary on behalf of other financial institutions that participate in the depositary's book-entry system. These participating institutions, which are referred to as participants, in turn, hold beneficial interests in the securities on behalf of themselves or their customers.

Only the person in whose name a security is registered is recognized as the holder of that security. Securities issued in global form will be registered in the name of the depositary or its participants. Consequently, for securities issued in global form, we will recognize only the depositary as the holder of the securities, and we will make all payments on the securities to the depositary. The depositary passes along the payments it receives to its participants, which in turn pass the payments along to their customers who are the beneficial owners. The depositary and its participants do so under agreements they have made with one another or with their customers; they are not obligated to do so under the terms of the securities.

As a result, investors in a book-entry security will not own securities directly. Instead, they will own beneficial interests in a global security, through a bank, broker or other financial institution that participates in the depositary's book-entry system or holds an interest through a participant. As long as the securities are issued in global form, investors will be indirect holders, and not holders, of the securities.

Street Name Holders

We may terminate a global security or issue securities in non-global form. In these cases, investors may choose to hold their securities in their own names or in "street name." Securities held by an investor in street name would be registered in the name of a bank, broker or other financial institution that the investor chooses, and the investor would hold only a beneficial interest in those securities through an account he or she maintains at that institution.

For securities held in street name, we will recognize only the intermediary banks, brokers and other financial institutions in whose names the securities are registered as the holders of those securities, and we will make all payments on those securities to them. These institutions pass along the payments they receive to their customers who are the beneficial owners, but only because they agree to do so in their customer agreements or because they are legally required to do so. Investors who hold securities in street name will be indirect holders, not holders, of those securities.

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Our obligations, as well as the obligations of any applicable trustee and of any third parties employed by us or a trustee, run only to the legal holders of the securities. We do not have obligations to investors who hold beneficial interests in global securities, in street name or by any other indirect means. This will be the case whether an investor chooses to be an indirect holder of a security or has no choice because we are issuing the securities only in global form.

For example, once we make a payment or give a notice to the holder, we have no further responsibility for the payment or notice even if that holder is required, under agreements with depositary participants or customers or by law, to pass it along to the indirect holders but does not do so. Similarly, we may want to obtain the approval of the holders to amend an indenture, to relieve us of the consequences of a default or of our obligation to comply with a particular provision of the indenture or for other purposes. In such an event, we would seek approval only from the holders, and not the indirect holders, of the securities. Whether and how the holders contact the indirect holders is up to the holders.

Special Considerations For Indirect Holders

If you hold securities through a bank, broker or other financial institution, either in book-entry form or in street name, you should check with your own institution to find out:

the performance of third party service providers;

how it handles securities payments and notices;

whether it imposes fees or charges;

how it would handle a request for the holders' consent, if ever required;

whether and how you can instruct it to send you securities registered in your own name so you can be a holder, if that is permitted in the future;

how it would exercise rights under the securities if there were a default or other event triggering the need for holders to act to protect their interests; and

· if the securities are in book-entry form, how the depositary's rules and procedures will affect these matters.

Global Securities

A global security is a security that represents one or any other number of individual securities held by a depositary. Generally, all securities represented by the same global securities will have the same terms.

Each security issued in book-entry form will be represented by a global security that we deposit with and register in the name of a financial institution or its nominee that we select. The financial institution that we select for this purpose is called the depositary. Unless we specify otherwise in the applicable prospectus supplement, DTC will be the depositary for all securities issued in book-entry form.

A global security may not be transferred to or registered in the name of anyone other than the depositary, its nominee or a successor depositary, unless special termination situations arise. We describe those situations below under the section entitled "Special Situations When a Global Security Will Be Terminated" in this prospectus. As a result of these arrangements, the depositary, or its nominee, will be the sole registered owner and holder of all securities represented by a global security, and investors will be permitted to own only beneficial interests in a global security. Beneficial interests must be held by means of an account with a broker, bank or other financial institution that in turn has an account with the depositary or with another institution that does. Thus, an investor whose security is represented by a global security will not be a holder of the security, but only an indirect holder of a beneficial interest in the global security.

If the prospectus supplement for a particular security indicates that the security will be issued in global form only, then the security will be represented by a global security at all times unless and until the global security is terminated. If termination occurs, we may issue the securities through another book-entry clearing system or decide that the securities may no longer be held through any book-entry clearing system.

Special Considerations For Global Securities

The rights of an indirect holder relating to a global security will be governed by the account rules of the investor's financial institution and of the depositary, as well as general laws relating to securities transfers. We do not recognize an indirect holder as a holder of securities and instead deal only with the depositary that holds the global security.

If securities are issued only in the form of a global security, an investor should be aware of the following:

- an investor cannot cause the securities to be registered in his or her name, and cannot obtain non-global certificates for his or her interest in the securities, except in the special situations we describe below;
- an investor will be an indirect holder and must look to his or her own bank or broker for payments on the securities and protection of his or her legal rights relating to the securities, as we describe above;
- an investor may not be able to sell interests in the securities to some insurance companies and to other institutions that are required by law to own their securities in non-book-entry form;
- an investor may not be able to pledge his or her interest in a global security in circumstances where certificates representing the securities must be delivered to the lender or other beneficiary of the pledge in order for the pledge to be effective;
- the depositary's policies, which may change from time to time, will govern payments, transfers, exchanges and other matters relating to an investor's interest in a global security;
- we and any applicable trustee have no responsibility for any aspect of the depositary's actions or for its records of ownership interests in a global security, nor do we or any applicable trustee supervise the depositary in any way;
- •the depositary may, and we understand that DTC will, require that those who purchase and sell interests in a global security within its book-entry system use immediately available funds, and your broker or bank may require you to

do so as well; and

financial institutions that participate in the depositary's book-entry system, and through which an investor holds its interest in a global security, may also have their own policies affecting payments, notices and other matters relating to the securities.

There may be more than one financial intermediary in the chain of ownership for an investor. We do not monitor and are not responsible for the actions of any of those intermediaries.

Special Situations When a Global Security Will Be Terminated

In a few special situations described below, the global security will terminate and interests in it will be exchanged for physical certificates representing those interests. After that exchange, the choice of whether to hold securities directly or in street name will be up to the investor. Investors must consult their own banks or brokers to find out how to have their interests in securities transferred to their own name, so that they will be direct holders. We have described the rights of holders and street name investors above.

Unless we provide otherwise in the applicable prospectus supplement, the global security will terminate when the following special situations occur:

if the depositary notifies us that it is unwilling, unable or no longer qualified to continue as depositary for that global security and we do not appoint another institution to act as depositary within 90 days;

if we notify any applicable trustee that we wish to terminate that global security; or

if an event of default has occurred with regard to securities represented by that global security and has not been cured or waived.

The applicable prospectus supplement may also list additional situations for terminating a global security that would apply only to the particular series of securities covered by the applicable prospectus supplement. When a global security terminates, the depositary, and not we or any applicable trustee, is responsible for deciding the names of the institutions that will be the initial direct holders.

PLAN OF DISTRIBUTION

We may sell the securities, and the selling stockholders may sell shares of our common stock, from time to time pursuant to underwritten public offerings, direct sales to the public, negotiated transactions, block trades or a combination of these methods. We may sell the securities, and the selling stockholders may sell shares of our common stock, to or through underwriters or dealers, through agents, or directly to one or more purchasers. We may distribute securities, and the selling stockholders may sell shares of our common stock, from time to time in one or more transactions:

at a fixed price or prices, which may be changed;

at market prices prevailing at the time of sale;

at prices related to such prevailing market prices; or

at negotiated prices.

A prospectus supplement or supplements (and any related free writing prospectus that we may authorize to be provided to you) will describe the terms of the offering of the securities, including, to the extent applicable:

· the name or names of the underwriters, if any;
the purchase price of the securities or other consideration therefor, and the proceeds, if any, we will receive from the sale;
· any over-allotment options under which underwriters may purchase additional securities from us;
· any agency fees or underwriting discounts and other items constituting agents' or underwriters' compensation;
· any public offering price;
· any discounts or concessions allowed or reallowed or paid to dealers; and
any securities exchange or market on which the securities may be listed.

Only underwriters named in the prospectus supplement will be underwriters of the securities offered by the prospectus supplement.

If underwriters are used in the sale, they will acquire the securities for their own account and may resell the securities from time to time in one or more transactions at a fixed public offering price or at varying prices determined at the time of sale. The obligations of the underwriters to purchase the securities will be subject to the conditions set forth in the applicable underwriting agreement. We may offer the securities, and the selling stockholders may sell shares of our common stock, to the public through underwriting syndicates represented by managing underwriters or by underwriters without a syndicate. Subject to certain conditions, the underwriters will be obligated to purchase all of the securities offered by the prospectus supplement, other than securities covered by any over-allotment option. Any public offering price and any discounts or concessions allowed or reallowed or paid to dealers may change from time to time. We or the selling stockholders may use underwriters with whom we or they have a material relationship. We will describe in the prospectus supplement, naming the underwriter, the nature of any such relationship.

We may sell securities, and the selling stockholders may sell shares of our common stock, directly or through agents we designate from time to time. We will name any agent involved in the offering and sale of securities and we will describe any commissions we or the selling stockholders will pay the agent in the prospectus supplement. Unless the prospectus supplement states otherwise, our or the selling stockholders' agent will act on a best-efforts basis for the period of its appointment.

We or the selling stockholders may authorize agents or underwriters to solicit offers by certain types of institutional investors to purchase securities from us or common stock from the selling stockholders at the public offering price set forth in the prospectus supplement pursuant to delayed delivery contracts providing for payment and delivery on a specified date in the future. We will describe the conditions to these contracts and the commissions we or the selling stockholders must pay for solicitation of these contracts in the prospectus supplement.

We or the selling stockholders may provide agents and underwriters with indemnification against civil liabilities, including liabilities under the Securities Act, or contribution with respect to payments that the agents or underwriters may make with respect to these liabilities. Agents and underwriters may engage in transactions with, or perform services for, us in the ordinary course of business.

All securities we may offer, other than common stock, will be new issues of securities with no established trading market. Any underwriters may make a market in these securities, but will not be obligated to do so and may discontinue any market making at any time without notice. We cannot guarantee the liquidity of the trading markets for any securities.

Any underwriter may engage in over-allotment, stabilizing transactions, short-covering transactions and penalty bids in accordance with Regulation M under the Exchange Act. Over-allotment involves sales in excess of the offering size, which create a short position. Stabilizing transactions permit bids to purchase the underlying security so long as the stabilizing bids do not exceed a specified maximum price. Syndicate-covering or other short-covering transactions involve purchases of the securities, either through exercise of the over-allotment option or in the open

market after the distribution is completed, to cover short positions. Penalty bids permit the underwriters to reclaim a selling concession from a dealer when the securities originally sold by the dealer are purchased in a stabilizing or covering transaction to cover short positions. Those activities may cause the price of the securities to be higher than it would otherwise be. If commenced, the underwriters may discontinue any of the activities at any time.

Any underwriters or agents that are qualified market makers on the NYSE MKT may engage in passive market making transactions in the common stock on the NYSE MKT in accordance with Regulation M under the Exchange Act, during the business day prior to the pricing of the offering, before the commencement of offers or sales of the common stock. Passive market makers must comply with applicable volume and price limitations and must be identified as passive market makers. In general, a passive market maker must display its bid at a price not in excess of the highest independent bid for such security; if all independent bids are lowered below the passive market maker's bid, however, the passive market maker's bid must then be lowered when certain purchase limits are exceeded. Passive market making may stabilize the market price of the securities at a level above that which might otherwise prevail in the open market and, if commenced, may be discontinued at any time.

In compliance with guidelines of the Financial Industry Regulatory Authority, or FINRA, the maximum consideration or discount to be received by any FINRA member or independent broker dealer may not exceed 8% of the aggregate amount of the securities offered pursuant to this prospectus and any applicable prospectus supplement.

LEGAL MATTERS

Unless otherwise indicated in the applicable prospectus supplement, Cooley LLP, Palo Alto, California, and/or Greenberg Traurig, LLP, Las Vegas, Nevada, will pass upon the validity of the securities offered by this prospectus and any supplement thereto.

EXPERTS

The financial statements as of December 31, 2014 and December 31, 2013, and for each of the three years in the period ended December 31, 2014, incorporated in this Prospectus by reference from the Company's Annual Report on Form 10-K and the effectiveness of Gran Tierra Energy Inc.'s internal control over financial reporting have been audited by Deloitte LLP, an independent registered public accounting firm, as stated in their reports, which are incorporated herein by reference. Such financial statements have been so incorporated by reference in reliance upon the reports of such firm given upon their authority as experts in accounting and auditing.

WHERE YOU CAN FIND MORE INFORMATION

This prospectus is part of the registration statement on Form S-3 we filed with the SEC under the Securities Act and does not contain all the information set forth in the registration statement. Whenever a reference is made in this prospectus to any of our contracts, agreements or other documents, the reference may not be complete and you should refer to the exhibits that are a part of the registration statement or the exhibits to the reports or other documents incorporated by reference into this prospectus for a copy of such contract, agreement or other document. Because we are subject to the information and reporting requirements of the Exchange Act, we file annual, quarterly and current reports, proxy statements and other information with the SEC. Our SEC filings are available to the public over the Internet at the SEC's website at http://www.sec.gov. You may also read and copy any document we file at the SEC's Public Reference Room at 100 F Street, N.E., Washington, D.C. 20549. Please call the SEC at 1-800-SEC-0330 for further information on the operation of the Public Reference Room.

INCORPORATION OF CERTAIN INFORMATION BY REFERENCE

The SEC allows us to "incorporate by reference" information from other documents that we file with it, which means that we can disclose important information to you by referring you to those documents. The information incorporated by reference is considered to be part of this prospectus. Information in this prospectus supersedes information incorporated by reference that we filed with the SEC prior to the date of this prospectus, while information that we file later with the SEC will automatically update and supersede the information in this prospectus. We incorporate by reference into this prospectus and the registration statement of which this prospectus is a part the information or documents listed below that we have filed with the SEC (Commission File No. 30235):

- •our Annual Report on Form 10-K for the year ended December 31, 2014, which was filed on March 2, 2015;
- •our Annual Report on Form 10-K/A for the year ended December 31, 2014, which was filed on April 30, 2015;
- •our Quarterly Report on Form 10-Q for the quarter ended March 31, 2015, which was filed on May 7, 2015;
- our Current Reports on Form 8-K filed on February 5, 2015, February 25, 2015, May 13, 2015, June 26, 2015, and June 30, 2015;

our Current Report on Form 8-K/A filed on June 26, 2015; and

the description of our common stock in our registration statement on Form 8-A filed with the SEC on April 7, 2008, including any amendments thereto or reports filed for the purposes of updating this description.

We also incorporate by reference any future filings (other than current reports furnished under Item 2.02 or Item 7.01 of Form 8-K and exhibits filed on such form that are related to such items unless such Form 8-K expressly provides to the contrary) made with the SEC pursuant to Sections 13(a), 13(c), 14 or 15(d) of the Exchange Act, until we file a post-effective amendment that indicates the termination of the offering of the securities made by this prospectus and will become a part of this prospectus from the date that such documents are filed with the SEC. Information in such future filings updates and supplements the information provided in this prospectus. Any statements in any such future filings will automatically be deemed to modify and supersede any information in any document we previously filed with the SEC that is incorporated or deemed to be incorporated herein by reference to the extent that statements in the later filed document modify or replace such earlier statements.

You can request a copy of these filings, at no cost, by writing or telephoning us at the following address or telephone number:

Gran Tierra Energy Inc.

200, 150 13 Avenue SW

Calgary, Alberta, Canada T2R 0V2

(403) 265-3221

Attn: Secretary

PART II

INFORMATION NOT REQUIRED IN THE PROSPECTUS

Item 14. Other Expenses of Issuance and Distribution

The following table sets forth an estimate of the fees and expenses, other than the underwriting discounts and commissions, payable by us in connection with the issuance and distribution of the securities being registered. All the amounts shown are estimates, except for the SEC registration fee.

	A	mount
SEC registration fee	\$	*
The NYSE MKT and Toronto Stock Exchange listing fees		**
FINRA filing fee (if applicable)		**
Accounting fees and expenses		**
Legal fees and expenses		**
Transfer agent and registrar fees and expenses		**
Printing and miscellaneous fees and expenses		**
Total	\$	**

^{*}In accordance with Rules 456(b) and 457(r), we are deferring payment of all applicable registration fees for the securities offered under this registration statement.

These fees are calculated based on the securities offered and the number of issuances and accordingly cannot be **estimated at this time. The applicable prospectus supplement will set forth the estimated amount of expenses of any offering of securities.

Item 15. Indemnification of Directors and Officers

Under Nevada law, a corporation shall indemnify a director or officer against expenses, including attorneys' fees, actually and reasonably incurred by him, to the extent the director or officer has been successful on the merits or otherwise in defense of any action, suit or proceeding. A corporation may indemnify a director or officer who was or is a party or is threatened to be made a party to any threatened, pending or completed action, suit or proceeding, whether civil, criminal, administrative or investigative, against expenses, including attorneys' fees, judgments, fines and amounts paid in settlement actually and reasonably incurred by him/her in connection with the action, suit or proceeding. Excepted from that immunity are:

a willful failure to deal fairly with the company or its stockholders in connection with a matter in which the director has a material conflict of interest;

a violation of criminal law (unless the director had reasonable cause to believe that his or her conduct was lawful or no reasonable cause to believe that his or her conduct was unlawful);

a transaction from which the director derived an improper personal profit; and

willful misconduct.

Our bylaws include an indemnification provision under which we have the power to indemnify our directors, officers, employees and former officers, directors and employees (including heirs and personal representatives) to the fullest extent permitted under Nevada law.

We have also entered into an indemnity agreement with all of our officers and directors. The agreement provides that we will indemnify officers and directors to the fullest extent permitted by law, including indemnification in third party claims and derivative actions. The agreement also provides that we will provide an advancement for expenses incurred by the officers or directors.

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Item 16. Exhibits
The list of exhibits is set forth under "Index to Exhibits" at the end of this registration statement and is incorporated herein by reference.
Item 17. Undertakings
The undersigned registrant hereby undertakes:
(1) To file, during any period in which offers or sales are being made, a post-effective amendment to this registration statement:
(i) to include any prospectus required by Section 10(a)(3) of the Securities Act of 1933;
(ii) to reflect in the prospectus any facts or events arising after the effective date of the registration statement (or the most recent post-effective amendment thereof) which, individually or in the aggregate, represent a fundamental change in the information set forth in the registration statement. Notwithstanding the foregoing, any increase or decrease in volume of securities offered (if the total dollar value of securities offered would not exceed that which was registered) and any deviation from the low or high end of the estimated maximum offering range may be reflected in the form of prospectus filed with the Commission pursuant to Rule 424(b) if, in the aggregate, the changes in volume and price represent no more than a 20% change in the maximum aggregate offering price set forth in the "Calculation of Registration Fee" table in the effective registration statement; and
(iii) to include any material information with respect to the plan of distribution not previously disclosed in the registration statement or any material change to such information in the registration statement;
provided, however, that paragraphs (1)(i), (1)(ii) and (1)(iii) do not apply if the information required to be included in a post-effective amendment by those paragraphs is contained in reports filed with or furnished to the Commission by the registrant pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934 that are incorporated by reference in the registration statement, or is contained in a form of prospectus filed pursuant to Rule 424(b) that is

part of the registration statement.

- (2) That, for the purpose of determining any liability under the Securities Act of 1933, each such post-effective amendment shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial *bona fide* offering thereof.
- (3) To remove from registration by means of a post-effective amendment any of the securities being registered which remain unsold at the termination of the offering.
- (4) That, for the purpose of determining liability under the Securities Act of 1933 to any purchaser:
- (i) Each prospectus filed by the registrant pursuant to Rule 424(b)(3) shall be deemed to be part of the registration statement as of the date the filed prospectus was deemed part of and included in the registration statement; and
- (ii) Each prospectus required to be filed pursuant to Rule 424(b)(2), (b)(5), or (b)(7) as part of a registration statement in reliance on Rule 430B relating to an offering made pursuant to Rule 415(a)(1)(i), (vii), or (x) for the purpose of providing the information required by Section 10(a) of the Securities Act of 1933 shall be deemed to be part of and included in the registration statement as of the earlier of the date such form of prospectus is first used after effectiveness or the date of the first contract of sale of securities in the offering described in the prospectus. As provided in Rule 430B, for liability purposes of the issuer and any person that is at that date an underwriter, such date shall be deemed to be a new effective date of the registration statement relating to the securities in the registration statement to which that prospectus relates, and the offering of such securities at that time shall be deemed to be the initial *bona fide* offering thereof. *Provided*, *however*, that no statement made in a registration statement or prospectus that is part of the registration statement or made in a document incorporated or deemed incorporated by reference into the registration statement or prospectus that is part of the registration statement will, as to a purchaser with a time of contract of sale prior to such effective date, supersede or modify any statement that was made in the registration statement or prospectus that was part of the registration statement or made in any such document immediately prior to such effective date.

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(5) That, for the purpose of determining liability of the registrant under the Securities Act of 1933 to any purchaser in the initial distribution of the securities, the undersigned registrant undertakes that in a primary offering of securities of the undersigned registrant pursuant to this registration statement, regardless of the underwriting method used to sell the securities to the purchaser, if the securities are offered or sold to such purchaser by means of any of the following communications, the undersigned registrant will be a seller to the purchaser and will be considered to offer or sell such securities to such purchaser:
(i) Any preliminary prospectus or prospectus of the undersigned registrant relating to the offering required to be filed pursuant to Rule 424;
(ii) Any free writing prospectus relating to the offering prepared by or on behalf of the undersigned registrant or used or referred to by the undersigned registrant;
(iii) The portion of any other free writing prospectus relating to the offering containing material information about the undersigned registrant or its securities provided by or on behalf of the undersigned registrant; and
(iv) Any other communication that is an offer in the offering made by the undersigned registrant to the purchaser.
(6) That, for the purpose of determining liability of the registrant under the Securities Act of 1933, each filing of the registrant's annual report pursuant to Section 13(a) or Section 15(d) of the Securities Exchange Act of 1934 (and, where applicable, each filing of an employee benefit plan's annual report pursuant to section 15(d) of the Securities Exchange Act of 1934) that is incorporated by reference in the registration statement shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial <i>bona fide</i> offering thereof.
(7) That, for purposes of determining any liability under the Securities Act of 1933:
(i) the information omitted from the form of prospectus filed as part of the registration statement in reliance upon Rule 430A and contained in the form of prospectus filed by the registrant pursuant to Rule 424(b)(l) or (4) or 497(h) under the Securities Act of 1933 shall be deemed to be a part of the registration statement as of the time it was declared effective; and

- (ii) each post-effective amendment that contains a form of prospectus shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.
- (8) To file an application for the purpose of determining the eligibility of the trustee to act under subsection (a) of Section 310 of the Trust Indenture Act in accordance with the rules and regulations prescribed by the Commission under Section 305(b)(2) of the Trust Indenture Act.

Insofar as indemnification for liabilities arising under the Securities Act of 1933 may be permitted to directors, officers and controlling persons of the registrant pursuant to the foregoing provisions, or otherwise, the registrant has been advised that in the opinion of the Securities and Exchange Commission such indemnification is against public policy as expressed in the Securities Act and is, therefore, unenforceable. In the event that a claim for indemnification against such liabilities (other than the payment by the registrant of expenses incurred or paid by a director, officer or controlling person of the registrant in the successful defense of any action, suit or proceeding) is asserted by such director, officer or controlling person in connection with the securities being registered, the registrant will, unless in the opinion of its counsel the matter has been settled by controlling precedent, submit to a court of appropriate jurisdiction the question whether such indemnification by it is against public policy as expressed in the Securities Act of 1933 and will be governed by the final adjudication of such issue.

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SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, the registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-3 and has duly caused this registration statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Calgary, Province of Alberta, Canada, on July 21, 2015.

Gran Tierra Energy Inc.

By:/s/ Gary S. Guidry
Gary S. Guidry
President and Chief Executive Officer

Know all persons by these presents, that each person whose signature appears below constitutes and appoints Gary S. Guidry, Ryan Ellson and David Hardy, and each of them, as true and lawful attorneys-in-fact and agents, with full powers of substitution and resubstitution, for them and in their name, place and stead, in any and all capacities, to sign any and all amendments (including post-effective amendments) to this registration statement, and to file the same, with all exhibits thereto, and other documents in connection therewith, with the SEC, and generally to do all such things in their names and behalf in their capacities as officers and directors to enable Gran Tierra Energy Inc. to comply with the provisions of the Securities Act of 1933 and all requirements of the SEC, granting unto said attorneys-in-fact and agents, and each of them, full power and authority to do and perform each and every act and thing requisite and necessary to be done in connection therewith, as fully to all intents and purposes as he might or could do in person, ratifying and confirming all that said attorneys-in-fact and agents, or any of them, or their or his substitutes or substitute, may lawfully do or cause to be done by virtue hereof.

Pursuant to the requirements of the Securities Act of 1933, this registration statement has been signed below by the following persons in the capacities and on the dates indicated.

Signatures	Title	Date	
/s/ Gary S. Guidry Director, President and Chief Executive			
Gary S. Guidry	(Principal Executive Officer)	July 21, 2015	
/s/ Ryan Ellson	Chief Financial Officer	July 21, 2015	
Ryan Ellson	(Principal Financial and Accounting Officer)		
/s/ Robert B. Hodgins	Chairman of the Board of Directors	July 21, 2015	

Robert B. Hodgins

/s/ Peter Dey Peter Dey	Director	July 22, 2015
/s/ Evan Hazell Evan Hazell	Director	July 21, 2015
/s/ J. Scott Price J. Scott Price	Director	July 21, 2015
/s/ Ronald W. Royal Ronald W. Royal	Director	July 22, 2015
/s/ David P. Smith David P. Smith	Director	July 21, 2015
/s/ Brooke Wade Brooke Wade	Director	July 22, 2015

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EXHIBIT INDEX

		Incorporation by Reference				
Exhibit				Exhibit/		Filed
	Exhibit Description	T	E21 - N 1	A 1!	E!!! D-4-	
Number	-	Form	File Number	Appendix	Filing Date	Herewith
				Reference		
1.1*	Form of Underwriting Agreement.			110101010100		
	Arrangement Agreement, dated as of July					
2.1	28, 2008, by and among Gran Tierra Energy	8-K	001-34018	2.1	8/1/2008	
2.1	Inc., Solana Resources Limited and Gran	0-IX	001-34010	2.1	0/1/2000	
	Tierra Exchangeco Inc.					
	Amendment No. 2 to Arrangement Agreement, which supersedes Amendment					
2.2	No. 1 thereto and includes the Plan of	S-3	333-153376	2.2	10/10/2008	
	Arrangement, including appendices.					
	Arrangement Agreement, dated January 17,					
2.3	2011, by and between Gran Tierra Energy	8-K	001-34018	2.1	1/21/2011	
	Inc. and Petrolifera Petroleum Limited. +					
2.4	Share Purchase and Sale Offer, dated May	8-K	001-34018	2.1	7/1/2014	
	29, 2014, by Gran Tierra Petroco Inc. + Share Purchase and Sale Offer, dated May					
	29, 2014, by Gran Tierra Energy Inc., an					
2.5	Alberta corporation, and PCESA Petroleros	8-K	001-34018	2.2	7/1/2014	
	Canadienses De Ecuador S.A. +					
3.1	Amended and Restated Articles of	10-K	001-34018	3.1	2/26/2014	
5.1	Incorporation of Gran Tierra Energy Inc.	10-IX	001-34018	5.1	2/20/2014	
3.2	Amended and Restated Bylaws of Gran Tierra Energy Inc.	8-K	001-34018	3.1	2/26/2014	
4.1	Reference is made to Exhibits 3.1 and 3.2.					
	Details of the Goldstrike Special Voting	10 IZCD/A	222 1116	10.14	1/01/0006	
4.2	Share.	10-KSB/A	333-1116	10.14	4/21/2006	
4.3	Goldstrike Exchangeable Share Provisions.	10-KSB/A	333-1116	10.15	4/21/2006	
4.4	Provisions Attaching to the GTE–Solana	Schedule	001-34018	Annex E	10/14/2008	
	Exchangeable Shares. Specimen Preferred Stock Certificate and	14A				
4.5*	Form of Certificate of Designation of					
	Preferred Stock					
4.6	Form of Debt Indenture					X
4.7*	Form of Debt Securities					
4.8	Form of Common Stock Warrant					X
	Agreement and Warrant Certificate					

4.9	Form of Preferred Stock Warrant Agreement and Warrant Certificate	X
4.10	Form of Debt Securities Warrant Agreement and Warrant Certificate	X
4.11	Form of Subscription Receipt Agreement	X
5.1	Opinion of Cooley LLP	X
5.2	Opinion of Greenberg Traurig LLP	X
12.1	Statement of Computation of Ratio of Earnings to Fixed Charges	X
23.1	Consent of Deloitte LLP, Independent Registered Public Accounting Firm	X
23.2	Consent of GLJ Petroleum Consultants	X
23.3	Consent of Cooley LLP (See Exhibit 5.1)	
23.4	Consent of Greenberg Traurig LLP (See Exhibit 5.2)	
24.1	Power of Attorney (See signature page)	
25.1**	Statement of Eligibility of Trustee under the Debt Indenture	

** To be filed separately under electronic form type 305B2, if applicable.

^{*}To be filed by amendment or as an exhibit to a Current Report on Form 8-K and incorporated herein by reference, if applicable.

Schedules have been omitted pursuant to Item 601(b)(2) of Regulation S-K. Gran Tierra undertakes to furnish supplemental copies of any of the omitted schedules upon request by the SEC.